FläktGroup®

SEMCO®

ELITEPRO SERIES

AIR HANDLING UNIT

TECHNICAL GUIDE

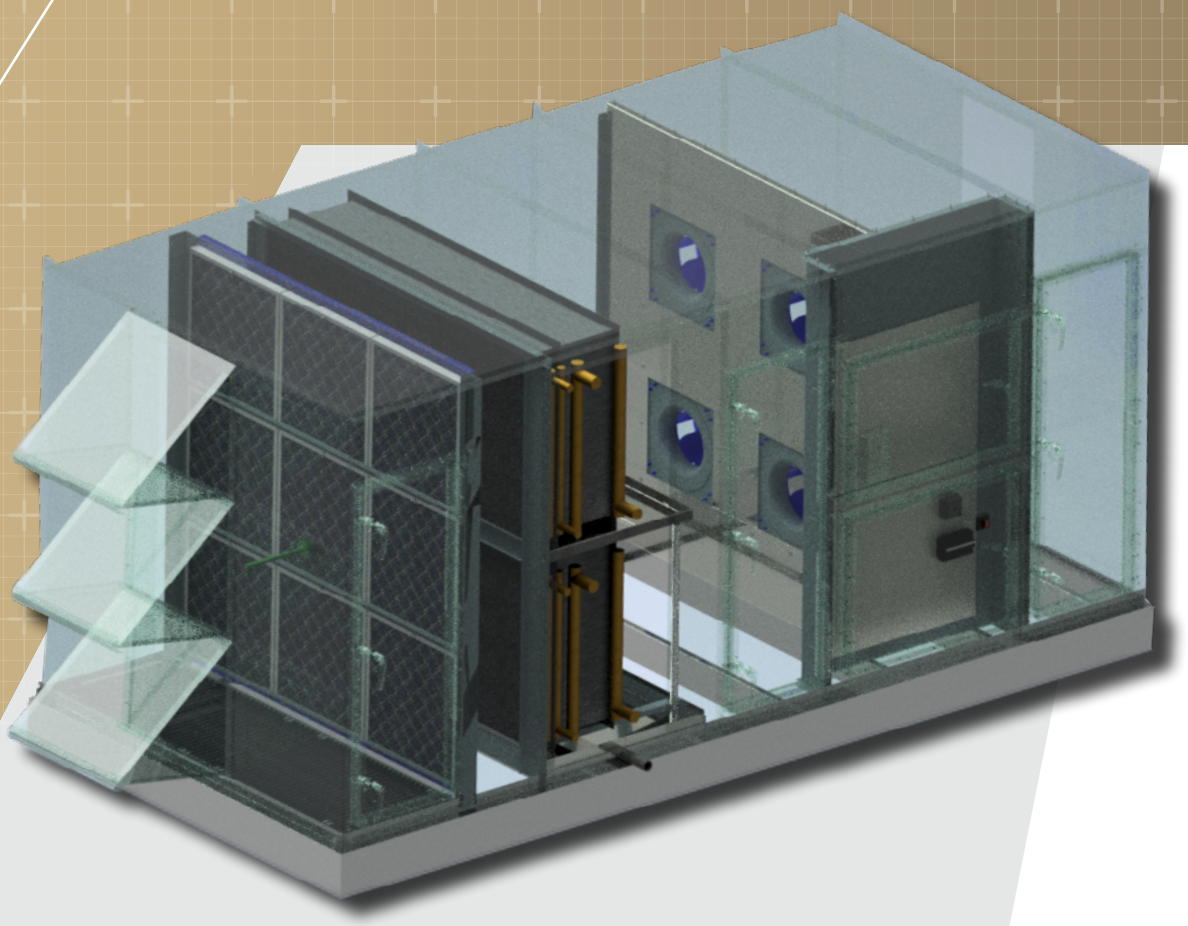


TABLE OF CONTENTS

About This Technical Guide 3
Indoor Air Quality 3
Introducing The ElitePro Series AHU 4
ElitePro AHU Features & Benefits 5
ElitePro Unit Weights 6
Opening Configuration Options 8
Service Clearance Dimensions 10
Mounting Details Curb Support — All Units 11
Mounting Details Curb Installation — All Units 12
Controls Package 13
No Controls 15
Installation 16
ElitePro Plug Panel Removal 17
Electrical Data Air Handling Units, Make Up Air Units & Economizers 18
Electrical Schematics - Full Controls 20
Electrical Schematics - No Controls 26
Fan Curves 30
Sample Specifications - 'ElitePro' Series Air Handling Unit 36
ElitePro AHU Equipment Summary 40
Dimensional Drawings 41
Dimensional Data — AHU/MAU/ECZ-C 42
Dimensional Data — AHU/MAU/ECZ-CEH 46
Dimensional Data — AHU/MAU/ECZ-CGB 50
Dimensional Data — AHU/MAU/ECZ-CH 54
Dimensional Data — AHU/MAU/ECZ-EH 58
Dimensional Data — AHU/MAU/ECZ-EHC 62
Dimensional Data — AHU/MAU/ECZ-EHCEH 66
Dimensional Data — AHU/MAU/ECZ-EHCH 70
Dimensional Data — AHU/MAU/ECZ-EHHP 74
Dimensional Data — AHU/MAU/ECZ-GB 78
Dimensional Data — AHU/MAU/ECZ-GBC 82
Dimensional Data — AHU/MAU/ECZ-GBHP 86
Dimensional Data — AHU/MAU/ECZ-H 90
Dimensional Data — AHU/MAU/ECZ-HC 94
Dimensional Data — AHU/MAU/ECZ-HCEH 98
Dimensional Data — AHU/MAU/ECZ-HCH 102
Dimensional Data — AHU/MAU/ECZ-HHP 106
Dimensional Data — AHU/MAU/ECZ-HP 110
Dimensional Data — AHU/MAU/ECZ-HPEH 114
Dimensional Data — AHU/MAU/ECZ-HPGB 118
Dimensional Data — AHU/MAU/ECZ-HPH 122

© FläktGroup SEMCO LLC 1996-2024. All rights reserved.

The information in this technical guide is furnished for informational use only, is subject to change without notice, and should not be construed as a commitment by FläktGroup SEMCO. FläktGroup SEMCO assumes no responsibility for any errors that may appear in this technical guide.

No part of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, electronic, mechanical, recording, or otherwise, without the prior written permission of FläktGroup SEMCO.

FläktGroup SEMCO are registered trademarks of Fläktgroup SEMCO LLC. All other trademarks referenced herein are the properties of their respective owners.

ABOUT THIS TECHNICAL GUIDE

This technical guide takes an in depth look at the technology behind FläktGroup® SEMCO®'s ElitePro Series Air Handling Units (AHUs), as well as, outlining the process required to determine which ElitePro AHU to select to ensure effective system design. This material should be thoroughly reviewed, before embarking on the design process.

The ElitePro AHU is engineered to provide large quantities of indoor air, for applications where energy recovery units may not be appropriate. The AHUs may also be used in conjunction with a traditional heating, ventilating and air conditioning (HVAC) system to augment the volume of incoming outdoor air, satisfying ASHRAE 62.1 for ventilation and indoor air quality.

In addition to the guidance and information provided in this technical guide, FläktGroup SEMCO also offers an ElitePro Series AHU selection tool, which simplifies the design process and cost justification.

If you require additional design support, or have any unanswered questions, please visit www.semcohvac.com, for a listing of FläktGroup SEMCO sales representatives in your area, who will be able to assist you with your needs.

INDOOR AIR QUALITY

As stated above, ASHRAE Standard 62.1, declares that the most effective way to eliminate indoor air contaminants is to bring in higher amounts of outdoor air, to account for the air recirculated within the building.

Per ASHRAE Standard 62.1, system outdoor air quantities are recommended to be increased from 5 CFM to 20 CFM per inhabitant to avoid poor indoor air quality. ASHRAE Standard 62.1 has been proven so effective at improving indoor air quality that three major United States building codes have ASHRAE Standard 62.1 incorporated into them (BOCA, Southern, and Uniform).

While the implementation of ASHRAE Standard 62.1 may be great news to building inhabitants, many owners, architects, and engineers are concerned about the impact that higher amounts of outdoor air will have on humidity control, operating costs, and construction costs.

Adding an ElitePro AHU to a conventional system will increase the amount of outdoor air entering a building alleviating some of these concerns. The additional Elite Pro AHU will increase outdoor air quantities by 4 times or roughly by 5 to 20 CFM per person, without increasing operating costs.

In addition to helping to provide buildings with cleaner air, the addition of an ElitePro AHU also helps improve indoor air quality by providing a more comfortable environment, by using heating and cooling coils to pre-treat incoming air. Pre-treating outdoor air makes achieving ideal indoor temperatures very easy. If a wrap-around heat pipe is added to the ElitePro AHU, the unit can also help to dehumidify outdoor air.

INTRODUCING THE ELITEPRO SERIES AHU

For applications where energy recovery is not appropriate, FläktGroup SEMCO offers the ElitePro air handling unit (AHU). The ElitePro Series AHU offers a lower first time investment cost (first cost) alternative to the ElitePro ERU, and should be considered for applications where a bigger influx of outdoor air is needed and where a lower first cost is weighted more heavily than future energy savings and lifetime return on investment. The ElitePro AHU offers the same superior air quality and construction as an ElitePro ERU, in a compact size and without the added benefit of energy recovery and savings.

The FläktGroup SEMCO ElitePro Series pre-engineered and factory assembled air handling unit (AHU), is only capable of treating a building's incoming air supply, unlike the ElitePro ERU, which treats both incoming and exhaust air. The ElitePro AHU may be used as an outdoor air pre-conditioner for an existing conventional air handling system, as an economizer, or as a make-up air unit.

The ElitePro Series also includes world-class performance electronically commutated fans (EC fans). The ElitePro EC fans include high-precision CFD designed hollow aerofoil profiled blades as well as an innovative mix-flow impeller design which improves the airflow pattern for a more natural and efficient flow — assuring minimum turbulence, maximum dynamic pressure and the lowest possible noise level. These fans are designed to minimize noise and optimize system efficiency which allows the ElitePro to provide superior energy savings and cost.

Also, included in all units are light weight, dual-wall foam panels which provide a clean aesthetic, exceptional insulation and superior air leakage prevention. A plug-and-play controls system allows for a turnkey solution to save you money on installation costs — minimizing time and difficulty of installation. It will provide important communication to your building automation system to allow you to control the environment.

The ElitePro Series AHUs deliver a high-quality, outstanding performance you can rely on for a wide breadth of applications, with a low first cost.

ELITEPRO AHU FEATURES & BENEFITS

FläktGroup SEMCO's ElitePro Series AHU is available in more than 8 cabinet sizes ranging in airflow capacity from 2,000 CFM to 25,000 CFM. The standard and optional features that are available with the ElitePro are listed below.

STANDARD FEATURES

1) FOAM-FILLED PANEL SYSTEM
- Dual-wall foam panel construction (2 inches thick) eliminates exposed insulation (R-13) and the associated risk of bacterial growth.
- Dual-wall removable panels provided for large internal components.
- Gasketed dual-wall access doors with stainless steel piano hinges
- Secondary roof of continuous standing-seam panels come standard on units designed for outdoor installation.

2) SUPPLY AIR EC FANS
- Lowest inlet and outlet noise level.
- 0-10 VDC variable speed control
- Direct mounting without AVs or flexible inlet connection.
- Oversized access doors to allow for fan removal.

3) FILTER SECTIONS
- Filters that are MERV 8 efficient are standard for the outdoor air-streams.

4) HOODS & DAMPERS
- Low-leakage motorized fresh air and exhaust air damper.
- Outdoor units are provided with an intake hood consisting of a metal mesh filter, and an exhaust hood with bird screen.

5) ELECTRICAL PACKAGE WITH SINGLE POINT CONNECTION
- Power distribution panel with non-fused disconnect and branch circuit protection for each motor and transformer.
- Standard control package including EC fans with airflow measurement.
- 480 volt / 3 phase / 60 hertz single-point connection
- 208 volt / 3 phase / 60 hertz single-point connection (ships with field mounted transformer)

OPTIONAL FEATURES

1) INCREASED FILTER EFFICIENCY
- MERV 13 cartridge filters can be provided in place of the standard MERV 8 filters.

2) FINAL FILTER

3) NO CONTROLS
- Constant volume fan option or controls by others

4) CURB
- 14", 18" and 24" ducted insulated, ducted non-insulated, or open insulated

5) REHEAT OPTIONS
- Hot water coil

6) COOLING OPTIONS
- Chilled water or direct expansion coil

7) GAS BURNER
- Factory installed and run tested stainless, IIRC gas burner

8) WRAP-AROUND HEAT PIPE
- Factory installed

9) ECONOMIZER

10) MAKE UP AIR HANDLING (MAU)

KEY BENEFITS

- In accordance with ASHRAE Standard 62.1 with regard to, ventilation for acceptable indoor air quality, with airflow capacities which range from 2,000 CFM to 25,000 CFM.
- High energy-efficient electronically commutated (EC) fans maintain a lower temperature for longer life.
- Dual-wall foam panel construction (2 inches thick) eliminates exposed insulation (R-13) and the associated risk of bacterial growth.
- Integrated controls with airflow measurement
- Reliable operation — minimal maintenance required
- Standard 18 month warranty with an option for an Extended 3 and 5 year service warranty is available.
- Hoods are designed with ASHRAE 62.1 in mind, keeping filters below 500ft/min with intake air passing upward through a filter in a horizontal plane.
- System design also complies with the air intake minimum distance listed in ASHRAE 62.1.

ALL ELITEPRO AHU & MAU UNIT WEIGHTS

UNIT SIZE	UNIT WEIGHT (LBS)										
	C	CH	CGB	CEH	EH	EHC	EHCEH	EHCH	EHHP	GB	GBC
AHU/MAU-020	1,547.3	1,667.5	2,289.8	2,163.1	1,710.8	2,151.3	2,764.8	2,270.2	2,331.0	1,849.3	2,289.8
AHU/MAU-020-FF	1,885.8	2,006.0	2,628.3	2,501.6	2,049.3	2,489.8	3,103.3	2,608.7	2,669.5	2,187.8	2,628.3
ECZ-020	2,519.4	2,639.6	3,261.9	3,135.2	2,682.9	3,123.4	3,736.9	3,242.3	3,303.1	2,821.4	3,261.9
ECZ-020-FF	2,857.9	2,978.1	3,600.4	3,473.7	3,021.4	3,461.9	4,075.4	3,580.8	3,641.6	3,159.9	3,600.4
AHU/MAU-030	2,007.5	2,172.9	2,945.6	2,799.2	2,219.8	2,784.7	3,573.5	2,948.5	3,013.5	2,380.8	2,945.6
AHU/MAU-030-FF	2,454.2	2,619.6	3,392.3	3,245.9	2,666.5	3,231.4	4,020.2	3,395.2	3,460.2	2,827.5	3,392.3
ECZ-030	3,294.6	3,460.0	4,232.7	4,086.3	3,506.9	4,071.8	4,860.6	4,235.6	4,300.6	3,667.9	4,232.7
ECZ-030-FF	3,741.3	3,906.7	4,679.4	4,533.0	3,953.6	4,518.5	5,307.3	4,682.3	4,747.3	4,114.6	4,679.4
AHU/MAU-050	2,275.4	2,486.7	3,355.7	3,234.3	2,561.6	3,219.3	4,176.1	3,429.3	3,503.0	2,698.1	3,355.7
AHU/MAU-050-FF	2,732.4	2,943.7	3,812.7	3,691.3	3,018.6	3,676.3	4,633.1	3,886.3	3,960.0	3,155.1	3,812.7
ECZ-050	3,772.6	3,983.9	4,852.9	4,731.5	4,058.8	4,716.5	5,673.3	4,926.5	5,000.2	4,195.3	4,852.9
ECZ-050-FF	4,229.6	4,440.9	5,309.9	5,188.5	4,515.8	5,173.5	6,130.3	5,383.5	5,457.2	4,652.3	5,309.9
AHU/MAU-075	2,905.8	3,195.9	4,232.0	4,144.1	3,285.5	4,126.1	5,361.4	4,414.5	4,489.5	3,391.5	4,232.0
AHU/MAU-075-FF	3,497.2	3,787.3	4,823.4	4,735.5	5,326.9	4,717.5	5,952.8	5,005.9	5,080.9	3,982.9	4,823.4
ECZ-075	4,827.7	5,117.8	6,153.9	6,066.0	5,207.4	6,048.0	7,283.3	6,336.4	6,411.4	5,313.4	6,153.9
ECZ-075-FF	5,419.1	5,709.2	6,745.3	6,657.4	5,798.8	6,639.4	7,874.7	6,927.8	7,002.8	5,904.8	6,745.3
AHU/MAU-100	3,482.2	3,863.9	5,095.7	4,974.4	3,941.8	4,954.7	6,444.2	5,334.8	5,370.7	4,082.9	5,095.7
AHU/MAU-100-FF	4,154.6	4,536.3	5,768.1	5,646.8	4,614.2	5,627.1	7,116.6	6,007.2	6,043.1	4,755.3	5,768.1
ECZ-100	5,835.9	6,217.6	7,449.4	7,328.1	6,295.5	7,308.4	8,797.9	7,688.5	7,724.4	6,436.6	7,449.4
ECZ-100-FF	6,508.3	6,890.0	8,121.8	8,000.5	6,967.9	7,980.8	9,470.3	8,360.9	8,396.8	7,109.0	8,121.8
AHU/MAU-125	3,966.1	4,409.1	5,764.5	5,521.8	4,355.1	5,499.8	7,052.3	5,940.9	6,021.2	4,619.7	5,764.5
AHU/MAU-125-FF	4,766.5	5,209.5	6,564.9	6,322.2	5,155.5	6,300.2	7,852.7	6,741.3	6,821.6	5,420.1	6,564.9
ECZ-125	6,672.0	7,115.0	8,470.4	8,227.7	7,061.0	8,205.7	9,758.2	8,646.8	8,727.1	7,325.6	8,470.4
ECZ-125-FF	7,472.4	7,915.4	9,270.8	9,028.1	7,861.4	9,006.1	10,558.6	9,447.2	9,527.5	8,126.0	9,270.8
AHU/MAU-150	4,547.6	5,087.9	6,708.1	6,416.9	5,076.1	6,392.7	8,258.2	6,930.8	7,951.4	5,391.3	5,764.5
AHU/MAU-150-FF	5,475.9	6,016.2	7,636.4	7,345.2	6,004.4	7,321.0	9,186.5	7,859.1	8,879.7	6,319.6	6,692.8
ECZ-150	7,820.8	8,361.1	9,981.3	9,690.1	8,349.3	9,665.9	11,531.4	10,204.0	11,224.6	8,664.5	9,037.7
ECZ-150-FF	8,749.1	9,289.4	10,909.6	10,618.4	9,277.6	10,594.2	12,459.7	11,132.3	12,152.9	9,592.8	9,966.0
AHU/MAU-175	4,979.2	5,576.8	7,498.2	7,030.2	5,557.7	7,004.9	9,051.9	7,600.1	7,626.3	6,051.1	7,498.2
AHU/MAU-175-FF	5,969.3	6,566.9	8,488.3	8,020.3	6,547.8	7,995.0	10,042.0	8,590.2	8,616.4	7,041.2	8,488.3
ECZ-175	8,386.5	8,984.1	10,905.5	10,437.5	8,965.0	10,412.2	12,459.2	11,007.4	11,033.6	9,458.4	10,905.5
ECZ-175-FF	9,376.6	9,974.2	11,895.6	11,427.6	9,955.1	11,402.3	13,449.3	11,997.5	12,023.7	10,448.5	11,895.6
AHU/MAU-200	5,344.1	6,001.5	7,824.7	7,580.3	5,978.0	7,553.8	9,786.1	8,208.9	8,220.2	6,248.9	7,824.7
AHU/MAU-200-FF	6,407.2	7,064.6	8,887.8	8,643.4	7,041.1	8,616.9	10,849.2	9,272.0	9,283.3	7,312.0	8,887.8
ECZ-200	9,001.9	9,659.3	11,482.5	11,238.1	9,635.8	11,211.6	13,443.9	11,866.7	11,878.0	9,906.7	11,482.5
ECZ-200-FF	10,065.0	10,722.4	12,545.6	12,301.2	10,698.9	12,274.7	14,507.0	12,929.8	12,941.1	10,969.8	12,545.6
AHU/MAU-225	5,851.7	6,575.9	8,469.8	8,338.1	6,594.7	8,309.9	10,791.8	9,031.6	9,042.6	6,754.6	8,469.8
AHU/MAU-225-FF	7,024.5	7,748.7	9,642.6	9,510.9	7,767.5	9,482.7	11,964.6	10,204.4	10,215.4	7,927.4	9,642.6
ECZ-225	9,867.3	10,591.5	12,485.4	12,353.7	10,610.3	12,325.5	14,807.4	13,047.2	13,058.2	10,770.2	12,485.4
ECZ-225-FF	11,040.1	11,764.3	13,658.2	13,526.5	11,783.1	13,498.3	15,980.2	14,220.0	14,231.0	11,943.0	13,658.2
AHU/MAU-250	6,251.7	7,053.9	9,400.0	8,970.2	7,102.7	8,940.9	11,654.9	9,740.5	9,735.1	7,561.9	9,400.0
AHU/MAU-250-FF	7,494.4	8,296.6	10,642.7	10,212.9	8,345.4	10,183.6	12,897.6	10,983.2	10,977.8	8,804.6	10,642.7
ECZ-250	10,601.5	11,403.7	13,749.8	13,320.0	11,452.5	13,290.7	16,004.7	14,090.3	14,084.9	11,911.7	13,749.8
ECZ-250-FF	11,844.2	12,646.4	14,992.5	14,562.7	12,695.2	14,533.4	17,247.4	15,333.0	15,327.6	13,154.4	14,992.5

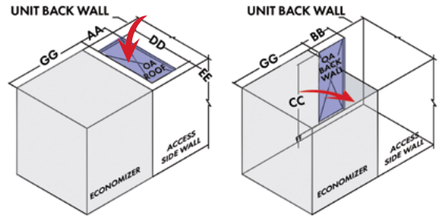
UNIT SIZE	UNIT WEIGHT (LBS)									
	GBHP	H	HC	HCEH	HCH	HHP	HP	HPEH	HPGB	HPH
AHU/MAU-020	2,469.5	1,398.4	1,659.1	2,273.6	1,949.5	2,018.7	1,728.3	2,342.7	2,469.5	2,018.7
AHU/MAU-020-FF	2,808.0	1,736.9	1,997.6	2,612.1	2,288.0	2,357.2	2,066.8	2,681.2	2,808.0	2,357.2
ECZ-020	3,441.6	2,370.5	2,631.2	3,245.7	2,921.6	2,990.8	2,700.4	3,314.8	3,441.6	2,990.8
ECZ-020-FF	3,780.1	2,709.0	2,969.7	3,584.2	6,505.8	3,329.3	3,038.9	3,653.3	3,780.1	3,329.3
AHU/MAU-030	3,174.5	1,830.5	2,161.8	2,951.8	2,547.9	2,624.2	2,238.0	3,028.1	3,174.5	2,624.2
AHU/MAU-030-FF	3,621.2	2,277.2	2,608.5	3,398.5	2,994.6	3,070.9	2,684.7	3,474.8	3,621.2	3,070.9
ECZ-030	4,461.6	3,117.6	3,448.9	4,238.9	3,835.0	3,911.3	3,525.1	4,315.2	4,461.6	3,911.3
ECZ-030-FF	4,908.3	3,564.3	3,895.6	4,685.6	4,281.7	4,358.0	3,971.8	4,761.9	4,908.3	4,358.0
AHU/MAU-050	3,639.4	2,042.9	2,471.1	3,428.8	2,895.1	2,984.2	2,560.4	3,518.1	3,639.4	2,984.2
AHU/MAU-050-FF	4,096.4	2,499.9	2,928.1	3,885.8	3,352.1	3,441.2	3,017.4	3,975.1	4,096.4	3,441.2
ECZ-050	5,136.6	3,540.1	3,968.3	4,926.0	4,392.3	4,481.1	4,057.6	5,015.3	5,136.6	4,481.4
ECZ-050-FF	5,593.6	3,997.1	4,425.3	5,383.0	4,849.3	4,938.1	4,514.6	5,472.3	5,593.6	4,938.4
AHU/MAU-075	4,595.5	2,632.3	3,174.6	4,411.1	3,740.0	3,836.3	3,270.9	4,507.4	4,595.5	3,836.3
AHU/MAU-075-FF	5,186.9	3,223.7	3,766.0	5,002.5	4,331.4	4,427.7	3,862.3	5,098.8	5,186.9	4,427.7
ECZ-075	6,517.4	4,554.2	5,096.5	6,333.1	5,661.9	5,758.2	5,192.8	6,429.3	6,517.4	5,758.2
ECZ-075-FF	7,108.8	5,145.6	5,687.9	6,924.5	6,253.3	6,349.6	5,784.2	7,020.7	7.108.8	6,349.6
AHU/MAU-100	5,511.8	3,173.2	3,837.1	5,327.8	4,539.4	4,602.1	3,899.8	5,390.5	5,511.8	4,602.1
AHU/MAU-100-FF	6,184.2	3,845.6	4,509.5	6,000.2	5,211.8	5,274.5	4,572.2	6,062.9	6,184.2	5,274.5
ECZ-100	7,865.5	5,526.9	6,190.8	7,681.5	6,893.1	6,955.8	6,253.6	7,744.2	7,865.5	6,955.8
ECZ-100-FF	8,537.9	6,199.3	6,863.2	8,353.9	7,565.5	7,628.2	6,926.0	8,416.6	8,537.9	7,628.2
AHU/MAU-125	6,285.9	3,584.9	4,376.6	5,930.5	5,138.5	5,251.1	4,489.3	6,043.2	6,285.9	5,251.1
AHU/MAU-125-FF	7,086.3	4,385.3	5,177.0	6730.9	5,942.2	6,051.5	5,289.7	6,843.6	7,086.3	6,051.5
ECZ-125	8,991.8	6,290.8	7,082.5	8,636.4	7,844.4	7,957.0	7,195.2	8,749.1	8,991.8	7,957.0
ECZ-125-FF	9,792.2	7,091.2	7,882.9	9,436.8	8,644.8	8,757.4	7,995.6	9,549.5	9,792.2	8,757.4
AHU/MAU-150	8,266.7	4,138.2	5,050.1	6,917.1	5,955.1	7,013.6	6,108.5	7,975.7	8,266.7	7,013.6
AHU/MAU-150-FF	9,195.0	5,066.5	5,978.4	7,845.4	6,883.4	7,941.9	7,036.8	8,904.0	9,195.0	7,941.9
ECZ-150	11,539.9	7,411.4	8,323.3	10,190.3	9,228.3	10,286.8	9,381.7	11,248.9	11,539.9	10,286.8
ECZ-150-FF	12,468.2	8,339.7	9,251.6	11,118.6	10,156.6	11,215.1	10,310.0	12,177.2	12,468.2	11,215.1
AHU/MAU-175	8,119.6	4,557.5	5,534.5	7,583.2	6,557.6	6,626.0	5,602.9	7,651.6	8,119.6	6,626.0
AHU/MAU-175-FF	9,109.7	5,547.6	6,524.6	8,573.3	7,547.7	7,616.1	6,593.0	8,641.7	9,109.7	7,616.1
ECZ-175	11,526.9	7,964.8	8,941.8	10,990.5	9,964.9	10,033.3	9,010.2	11,058.9	11,526.3	10,033.3
ECZ-175-FF	12,517.0	8,954.9	9,931.9	11,980.6	10,955.0	11,023.4	10,000.3	12,049.0	12,516.4	11,023.4
AHU/MAU-200	8,491.1	4,830.9	5,954.8	8,188.7	7,015.1	7,073.1	6,012.8	8,246.7	8,491.1	7,073.1
AHU/MAU-200-FF	9,554.2	5,894.0	7,017.9	9,251.8	8,078.2	8,136.2	7,075.9	9,309.8	9,554.2	8,136.2
ECZ-200	12,148.9	8,488.7	9,612.6	11,846.5	10,672.9	10,730.9	9,670.6	11,904.5	12,148.9	10,730.9
ECZ-200-FF	13,212.0	9,551.8	10.675.7	12,909.6	11,736.0	11,794.0	10,733.7	12,967.6	13,212.0	11,794.0
AHU/MAU-225	9,202.6	5,331.9	6,524.2	9,008.0	7,717.0	7,779.9	6,587.0	9,070.9	9,202.6	7,779.9
AHU/MAU-225-FF	10,375.4	6,504.7	7,697.0	10,180.8	8,889.8	8,952.7	7,759.8	10,243.7	10,375.4	8,952.7
ECZ-225	13,218.2	9,347.5	10,539.8	13,023.6	11,732.6	11,795.5	10,602.6	13,086.5	13,218.2	11,795.5
ECZ-225-FF	14,391.0	10,520.3	11,712.6	14,196.4	12,905.4	12,968.3	11,775.4	14,259.3	14,391.0	12,967.6
AHU/MAU-250	10,194.2	5,645.3	6,997.1	9,713.0	8,226.3	8,277.7	7,048.4	9,764.4	10,194.2	8,277.7
AHU/MAU-250-FF	11,436.9	6,888.0	8,239.8	10,955.7	9,469.0	9,520.4	8,291.1	11,007.1	11,436.9	9,520.4
ECZ-250	14,544.0	9,995.1	11,346.9	14,062.8	12,576.1	12,627.5	11,398.2	14,114.2	14,544.0	12,627.5
ECZ-250-FF	15,786.7	11,237.8	12,589.6	15,305.5	13,818.8	13,870.2	12,640.9	15,356.9	15,786.7	13,870.2

OPENING CONFIGURATION OPTIONS

INDOOR WITH ECONOMIZER

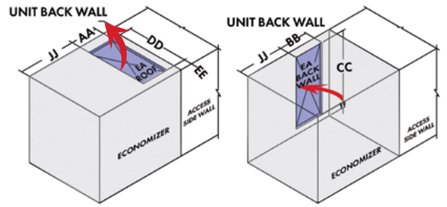
OUTDOOR AIR (OA)

OA OPENING OPTIONS
C — BACK WALL
D — ROOF



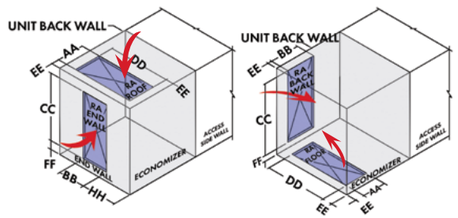
EXHAUST AIR (EA)

EA OPENING OPTIONS
C — BACK WALL
D — ROOF



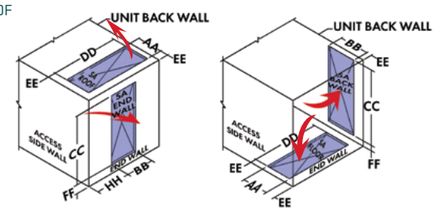
RETURN AIR (RA)

RA OPENING OPTIONS
A — END WALL
B — FLOOR
C — BACK WALL
D — ROOF



SUPPLY AIR (SA)

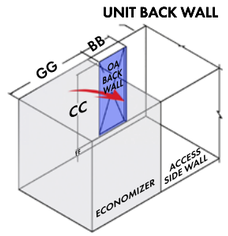
SA OPENING OPTIONS
A — END WALL
B — FLOOR
C — BACK WALL
D — ROOF



OUTDOOR WITH ECONOMIZER

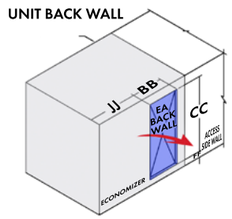
OUTDOOR AIR (OA)

OA OPENING OPTIONS
C — BACK WALL



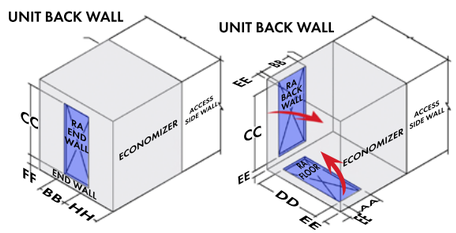
EXHAUST AIR (EA)

EA OPENING OPTIONS
E — ACCESS SIDE WALL



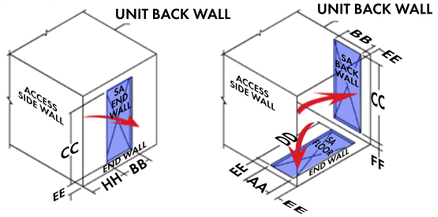
RETURN AIR (RA)

RA OPENING OPTIONS
A — END WALL
B — FLOOR
C — BACK WALL



SUPPLY AIR (SA)

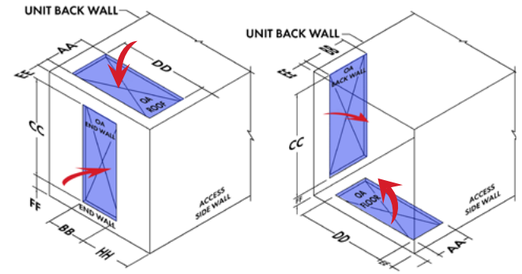
SA OPENING OPTIONS
A — END WALL
B — FLOOR
C — BACK WALL



MAKE UP AIR UNITS

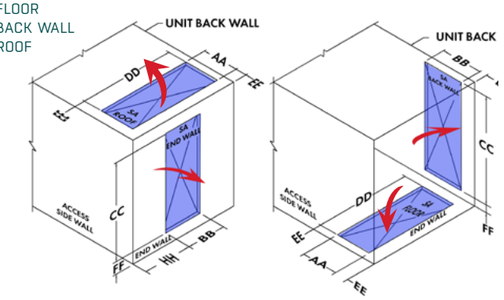
OUTDOOR AIR (OA)

OA OPENING OPTIONS
A — END WALL
B — FLOOR
C — BACK WALL
D — ROOF



SUPPLY AIR (SA)

SA OPENING OPTIONS
A — END WALL
B — FLOOR
C — BACK WALL
D — ROOF

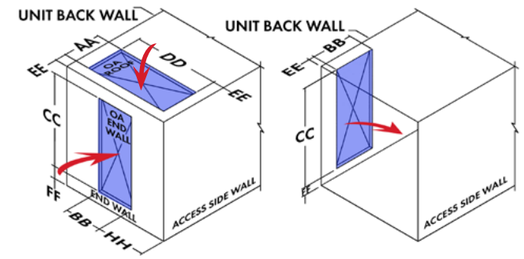


UNIT SIZE	OPENING CONFIGURATION DIMENSIONS (INCHES)								
	AA	BB	CC	DD	EE	FF	GG	HH	JJ
AHU/MAU/ECZ-020	21.0	21.0	24.0	33.4	5.3	10.8	89.3	11.5	57.7
AHU/MAU/ECZ-030	21.0	21.0	24.0	48.4	5.3	10.8	89.3	19.0	57.7
AHU/MAU/ECZ-050	21.0	21.0	47.0	35.4	5.3	11.8	89.3	12.5	57.7
AHU/MAU/ECZ-075	21.0	21.0	47.0	47.4	5.3	14.3	89.3	18.5	57.7
AHU/MAU/ECZ-100	21.0	21.0	71.0	47.4	5.3	10.3	89.3	18.5	57.7
AHU/MAU/ECZ-125	21.0	21.0	71.0	59.4	5.3	10.3	89.3	24.5	57.7
AHU/MAU/ECZ-150	21.0	21.0	71.0	71.4	5.3	10.3	89.3	30.5	57.7
AHU/MAU/ECZ-175	24.0	24.0	71.0	71.4	5.3	14.8	94.2	29.0	59.6
AHU/MAU/ECZ-200	24.0	24.0	71.0	83.4	5.3	13.3	106.2	32.0	71.6
AHU/MAU/ECZ-225	30.0	36.0	71.0	83.4	5.3	17.8	118.2	29.0	71.6
AHU/MAU/ECZ-250	30.0	36.0	90.0	83.4	5.3	12.8	118.2	29.0	71.6

MIXING SECTION UNITS

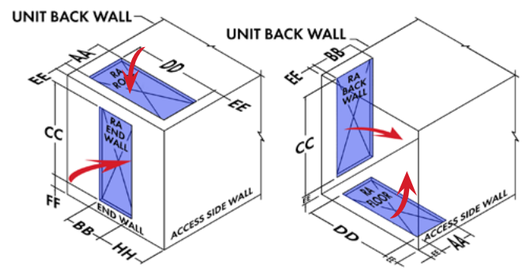
OUTDOOR AIR (OA)

OA OPENING OPTIONS
A — END WALL
C — BACK WALL
D — ROOF



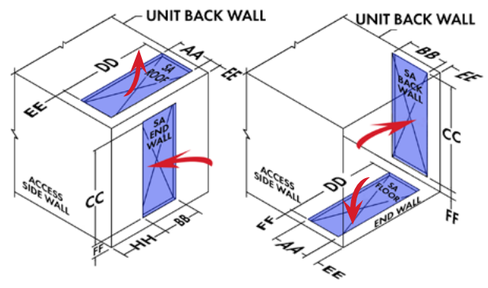
RETURN AIR (RA)

RA OPENING OPTIONS
A — END WALL
B — FLOOR
C — BACK WALL
D — ROOF



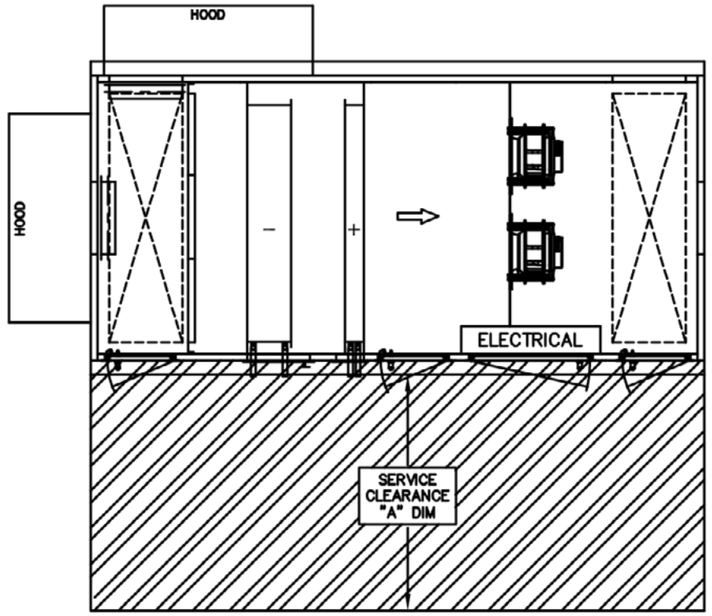
SUPPLY AIR (SA)

SA OPENING OPTIONS
A — END WALL
B — FLOOR
C — BACK WALL
D — ROOF



SERVICE CLEARANCE DIMENSIONS

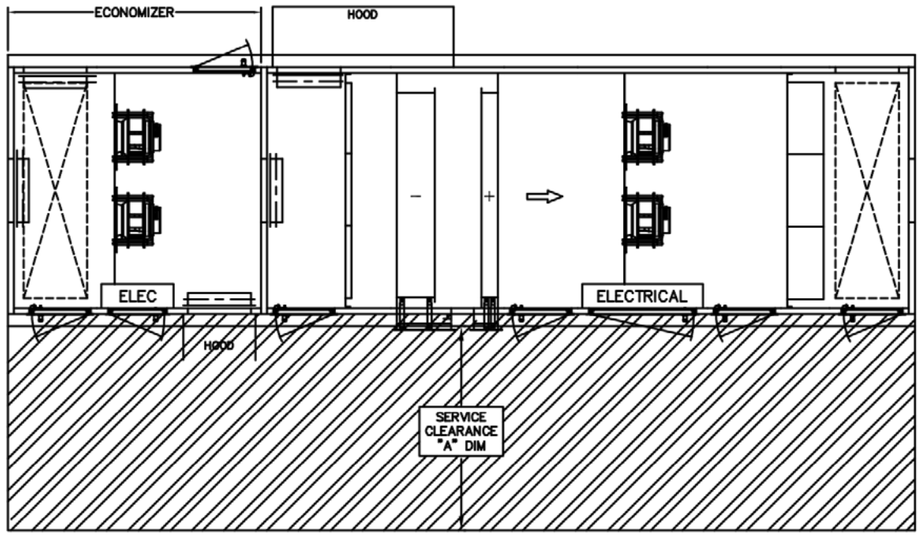
ELITEPRO AHU & MAU



PLAN VIEW
(AHU/MAU-CH OUTDOOR SHOWN)

SERVICE CLEARANCE	
ELT-AHU/MAU/ECZ UNIT SIZE	"A" DIMENSION (INCHES)
ELT-AHU-020	40.0
ELT-AHU-030	55.0
ELT-AHU-050	42.0
ELT-AHU-075	54.0
ELT-AHU-100	54.0
ELT-AHU-125	66.0
ELT-AHU-150	78.0
ELT-AHU-175	78.0
ELT-AHU-200	90.0
ELT-AHU-225	90.0
ELT-AHU-250	90.0

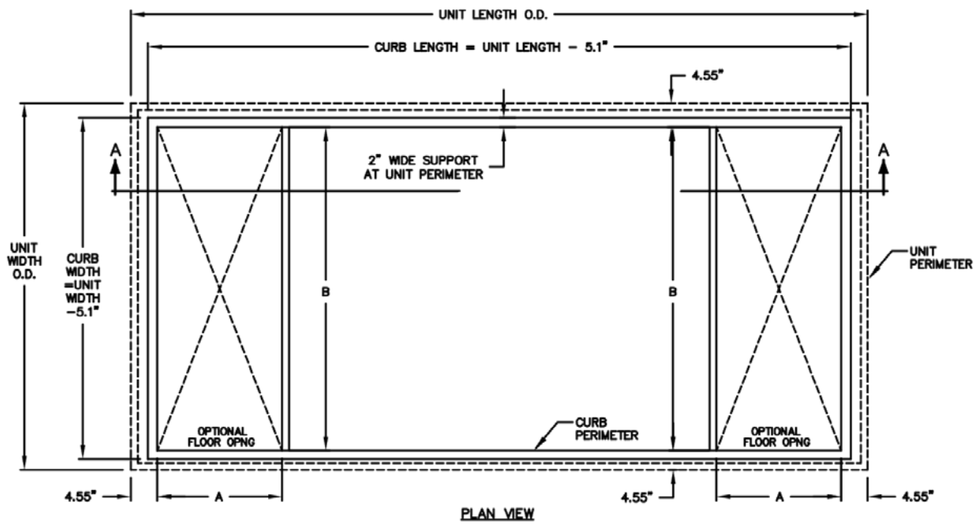
ELITEPRO AHU ECONOMIZER



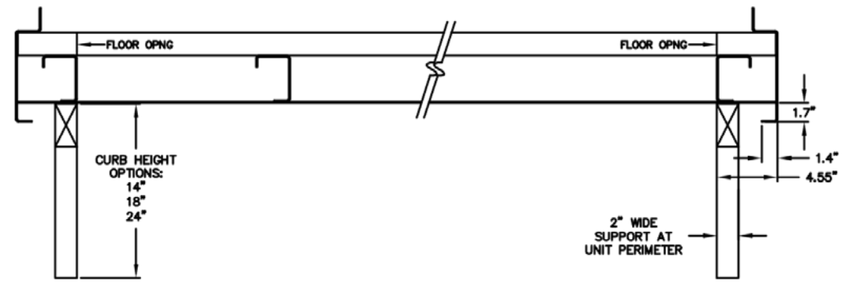
PLAN VIEW
(ECZ-CH-FF OUTDOOR UNIT SHOWN)

MOUNTING DETAILS

CURB SUPPORT — ALL UNITS



PLAN VIEW



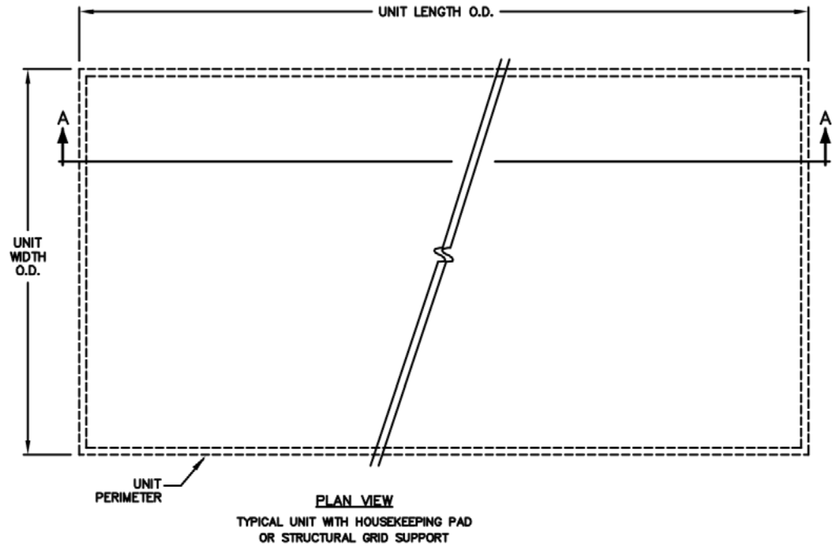
SECTION A–A

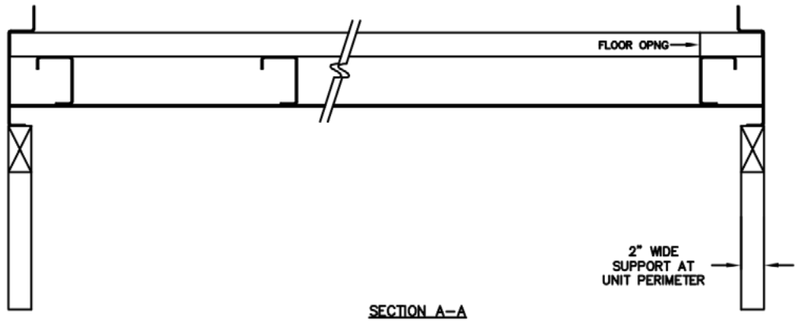
NOTE: Roof curb should be sized to allow unit to hang over curb

	CURB DIMENSIONS (INCHES)						
ELITE UNIT SIZE	CURB WIDTH	CURB LENGTH (CL)	CURB LENGTH WITH FINAL FILTER (FF)	CURB LENGTH WITH ECONOMIZER (ECZ)	CURB LENGTH WITH FINAL FILTER & ECONOMIZER	"A" DIMENSION	"B" DIMENSION
AHU/MAU-020	38.9"	UNIT LENGTH - 5.1"	CL + 40.4"	CL + 84.0"	CL + 40.4" + 84.0"	21.0"	34.9"
AHU/MAU-030	53.9"						49.9"
AHU/MAU-050	40.9"						36.9"
AHU/MAU-075	52.9"						48.9"
AHU/MAU-100	52.9"						48.9"
AHU/MAU-125	64.9"						60.9"
AHU/MAU-150	76.9						72.9"
AHU/MAU-175	76.9			CL + 88.9"	CL + 40.4" + 84.0"	24.0"	72.9"
AHU/MAU-200	88.9			CL + 100.9"	CL + 40.4" + 100.9"	24.0"	84.9"
AHU/MAU-225	88.9			CL + 112.9"	CL + 40.4" + 112.9"	30.0"	84.9"
AHU/MAU-250	88.9			CL + 112.9"	CL + 40.4" + 112.9"	30.0"	84.9"

MOUNTING DETAILS

CURB INSTALLATION — ALL UNITS





NOTE: Roof curb should be sized to allow unit to hang over curb

	CURB DIMENSIONS (INCHES)						
ELITE UNIT SIZE	CURB WIDTH	CURB LENGTH (CL)	CURB LENGTH WITH FINAL FILTER (FF)	CURB LENGTH WITH ECONOMIZER (ECZ)	CURB LENGTH WITH FINAL FILTER & ECONOMIZER	"A" DIMENSION	"B" DIMENSION
AHU/MAU-020	38.9"	UNIT LENGTH - 5.1"	CL + 40.4"	CL + 84.0"	CL + 40.4" + 84.0"	21.0"	34.9"
AHU/MAU-030	53.9"						49.9"
AHU/MAU-050	40.9"						36.9"
AHU/MAU-075	52.9"						48.9"
AHU/MAU-100	52.9"						48.9"
AHU/MAU-125	64.9"						60.9"
AHU/MAU-150	76.9						72.9"
AHU/MAU-175	76.9			CL + 88.9"	CL + 40.4" + 84.0"	24.0"	72.9"
AHU/MAU-200	88.9			CL + 100.9"	CL + 40.4" + 100.9"	24.0"	84.9"
AHU/MAU-225	88.9			CL + 112.9"	CL + 40.4" + 112.9"	30.0"	84.9"
AHU/MAU-250	88.9			CL + 112.9"	CL + 40.4" + 112.9"	30.0"	84.9"

CONTROLS PACKAGE

STANDARD CONTROLS FEATURES

STANDARD EQUIPMENT

The AHU System contains a variable speed supply fan with EC motor, outdoor air filter bank, supply air filter bank, chilled water cooling coil, DX cooling coil, hot water heating coil, electric heating coil, indirect gas furnace, and 2-position outdoor air damper. When running the unit delivers 100% outdoor air.

START SEQUENCE

The unit is started by either placing the H-O-A in the hand position, or by placing the H-O-A in the auto position with a communication-based run command from the building automation system. Upon receiving a start command, if the unit safety relay is made and there are no critical alarms, the outdoor damper will be opened. When the damper position is proven open, the supply fan will then be started

SAFETY RELAY

Any external lockouts for the unit such as external damper limit switches, fire/smoke alarms, or safeties should be wired in series using the provided safety relay terminals. If the safety relay is not energized, the fan will not be enabled, and the outdoor damper will close. Status of the relay is monitored.

SETPOINTS

The temperature setpoint and other adjustable settings may be entered at the touchpad, or received from the BAS. A BAS/touchpad binary switch may be toggled either through the touchpad, or the BAS. .

SUPPLY AIRFLOW MEASUREMENT

The supply fan is equipped with an integral piezometer air flow station with pressure transmitter wired to the controller. The controller calculates supply airflow in CFM and displays the value on the unit touchpad and provides status to the BAS(if applicable). An alarm is made if the flow measurement is below the fan low CFM setpoint (adjustable) three minutes after the fan is called to start.

SUPPLY AIRFLOW SWITCH

must be made before any DX cooling or gas burner operation can be utilized.

VARIABLE AIRFLOW CONTROL (SUPPLY DUCT P)

The controller modulates the supply fan speed to maintain a supply duct pressure setpoint. A duct pressure transducer, to be mounted in the supply air duct, is provided loose with the unit for field installation & wiring by others. Integrated piezometer flow stations at the fans provide measurement of supply airflow. Airflow control setpoints and measurements can be viewed/adjusted at the unit keypad or over BAS communications to the unit controller. Minimum airflow alarm setpoints (adjustable) are also provided which can be utilized to trigger a unit alarm when supply airflow are too low.

MOTORIZED 2-POSITION RECIRCULATION AIR DAMPER (OPTIONAL)

The unit can operate either in ventilation or recirculation mode, as called via a hard wired dry contact input or BAS commanded parameter. In ventilation mode, the 2-position outdoor damper is fully open and the 2-position recirculation damper is fully closed, the supply fan are on, and the unit delivers 100% outdoor air. In recirculation mode, the outdoor damper is closed and the recirculation damper is open, the supply fan is on, and the unit delivers 100% recirculated air

FILTER STATUS

A differential pressure switch is mounted across the outdoor air filter bank, supply air filter bank. The pressure switch has an adjustable “dirty” setpoint on the device. If the filter pressure switch trips for 1 continuous minute, an alarm is generated.

FAN MOTOR FAULT STATUS

EC fan motor fault status is monitored, and an alarm is generated if the EC fan motor fault is tripped.

LOW SUPPLY AIR TEMPERATURE ALARM

A low supply temperature alarm (45°F set pt, adj.) is based on feedback from unit supply air temperature sensor. When the temperature drops below this setpoint for 30 seconds (adj), an alarm is generated & latched.

ALARMS

Are based on fan airflow status, safety relay status, low supply temp status, EC motor fault status, and air filter switch status. If any alarm is on, a light illuminates on the control panel, the alarm can be read at the touchpad, and the alarm status is delivered to the BAS. Most alarms are configurable as “status only” or “critical”. Alarms configured as “status only” would energize the alarm light when the alarm was generated, but the unit would continue to run. Alarms configured as “critical” would also shut down the unit when generated, requiring the alarm to be cleared before the unit could restart.

DISPLAY

Unit inputs, outputs, status, setpoints, and configuration parameters may be viewed at the unit mounted

display/touchpad. Values may be viewed/adjusted at the touchpad or through BAS communications to the unit controller.

STATUS

See sensors provided on the points list. All inputs, outputs, setpoints, and status points are visible to the BAS.

CONTROL CONFIGURATION & DEVICES

The DDC control system consists of a single stand alone Automated Logic® I/O Flex 6126 Controller®, 8160 expander, running WebCTRL®, and a back lit touchpad/display.

STATUS

The controller can be field configured to communicate via BACnet® MS/TP, Johnson N2®, or Modbus®.

HEATING AND COOLING CONTROLS

** Configure at commissioning to match equipment and desired conditions.*

TEMPERATURE CONTROL

The DX cooling coil capacity, chilled water cooling coil, hot water heating coil, electric heating coil, indirect gas furnace, will be modulated as needed to maintain the supply air temperature setpoint.

SUPPLY FAN CONTROL

The controller will modulate the supply fan EC motor speed to maintain the supply duct pressure setpoint. A pressure transducer is shipped loose with the unit for field installation in the supply duct.

DX COOLING COIL CONTROL

If the unit is running, the supply airflow is proven, and the outdoor temp is above the DX lockout setpoint then cooling is enabled. Cooling demand is generated by the controller to maintain the supply air temp setpoint.

DX capacity will be modulated as needed according to the maximum of the cooling demands.

A configuration parameter exists which can be used to set the DX control to temp only (or temp & humidity). In addition, there are parameters that can be used to set the DX minimum run time, and minimum off time.

NOTE: Condensing unit provided by others.

CHILLED WATER COOLING COIL CONTROL (IF EQUIPPED)

If the unit is running, and the outdoor temp is above the cooling lockout temp, then dehumidification is enabled.: When there is also no heating demand, cooling is enabled: Cooling demand is generated by the controller to maintain the temperature setpoint. Dehumidification demand is generated by the controller to maintain the dew point setpoint. The output signal to the chilled water valve actuator (provided, installed, and wired by others) will modulate as needed according to the maximum of the cooling & dh demands. A configuration parameter exists which can be used to set the cooling control to temp only (or temp & humidity). The control valve signal is configurable for a direct or reverse acting, 0-10vdc or 2-10vdc control signal.

HOT WATER COOLING COIL CONTROL

If the unit is running, and not in cooling mode, and the outdoor temp is below the heating coil lockout setpoint, then heating is enabled: Heating demand is generated by the controller to maintain the temperature setpoint. Heating demand will modulate the output signal which opens the hot water valve actuator (provided, installed, and wired by others) as needed to maintain the temp setpoint. The control valve signal is configurable for a direct or reverse acting, 0-10vdc or 2-10vdc control signal. Selectable Reheating Mode (applicable only if heating coil is downstream of a cooling coil): When reheat mode is enabled, the output signal to the valve actuator will also modulate as needed to maintain the temp setpoint when the cooling coil is on for dh control.

ELECTRIC HEATING COIL CONTROL

If the unit is running, with the supply airflow proven, and not in cooling mode, and the outdoor temp is below the heating coil lockout setpoint, then heating is enabled: Heating demand is generated by the controller to maintain the temperature setpoint. Heating demand will modulate the output signal to the electric heater SCR as needed to maintain the temp setpoint. Selectable Reheating Mode (binary parameter, applicable only if heating coil is downstream of a cooling coil): When reheat mode is enabled, the output signal to the electric heater SCR will also modulate as needed to maintain the temp setpoint when the cooling coil is on for dh control.

INDIRECT GAS FURNACE CONTROL

If the unit is running, with the supply airflow proven, and not in cooling mode, and the outdoor temp is below the heating lockout setpoint, then heating is enabled: Heating demand is generated by the controller to maintain the temperature setpoint. Heating demand will modulate the output signal to the gas furnace as needed to maintain the temp setpoint. Selectable Reheating Mode (binary parameter, applicable only if gas furnace is downstream of a cooling coil): When reheat mode is enabled, the output signal to the gas furnace will also modulate as needed to maintain the temp setpoint when the cooling coil is on for dh control.

FREEZESTAT (IF EQUIPPED)

An auto-reset freezestat is provided on units equipped with a water coil. If the supply air leaving the enthalpy wheel enters a cooling coil first, the freezestat will be mounted on the upstream side of the coil bank, otherwise the freezestat is mounted on the downstream side of the coil bank. If the freezestat is tripped continuously for 1 minute (time delay adjustable), a freezestat alarm is generated, the water valves are forced to full flow, and the unit will shut down (factory configuration). The alarm can be configured as critical (default) or status.

NO CONTROLS

STANDARD FEATURES

STANDARD EQUIPMENT

The AHU System contains a variable speed supply fan with EC motor, outdoor air filter bank, supply air filter bank, chilled water cooling coil, DX cooling coil, hot water heating coil, electric heating coil, indirect gas furnace, and 2-position outdoor air damper. When running the unit delivers 100% outdoor air.

START SEQUENCE

The unit is started by either placing the H-O-A in the hand position, or by placing the H-O-A in the auto position with a communication-based run command from the building automation system. Upon receiving a start command, if the unit safety relay is made and there are no critical alarms, the outdoor damper will be opened. When the damper position is proven open, the supply fan will then be started

SAFETY RELAY

Any external lockouts for the unit such as external damper limit switches, fire/smoke alarms, or safeties should be wired in series using the provided safety relay terminals. If the safety relay is not energized, the fan will not be enabled, and the outdoor damper will close. Status of the relay is monitored.

SETPOINTS

The temperature setpoint and other adjustable settings may be entered at the touchpad, or received from the BAS. A BAS/touchpad binary switch may be toggled either through the touchpad, or the BAS. .

CONSTANT VOLUME AIRFLOW CONTROL

The controller modulates the supply fan speed to maintain the supply CFM setpoint. Integrated piezometer flow stations at the fans provide measurement of supply airflow. Airflow control setpoints and measurements can be viewed/adjusted at the unit touchpad or over BAS communications to the unit controller. Minimum airflow alarm setpoints (adjustable) are also provided which can be utilized to trigger a unit alarm when supply airflows are too low.

AIR FILTER PRESSURE SWITCHES

Pressure switches are provided across the outdoor air filter, and wired to inputs on the controller. Status of the inputs are viewable from the unit touchpad/display, or over BAS communications. The filter pressure switches are equipped with manually adjustable setpoints, and when the filter pressure differential exceeds the setpoint and a switch makes, a unit alarm is triggered to signal that filters are dirty.

INSTALLATION

LIFTING AND RIGGING

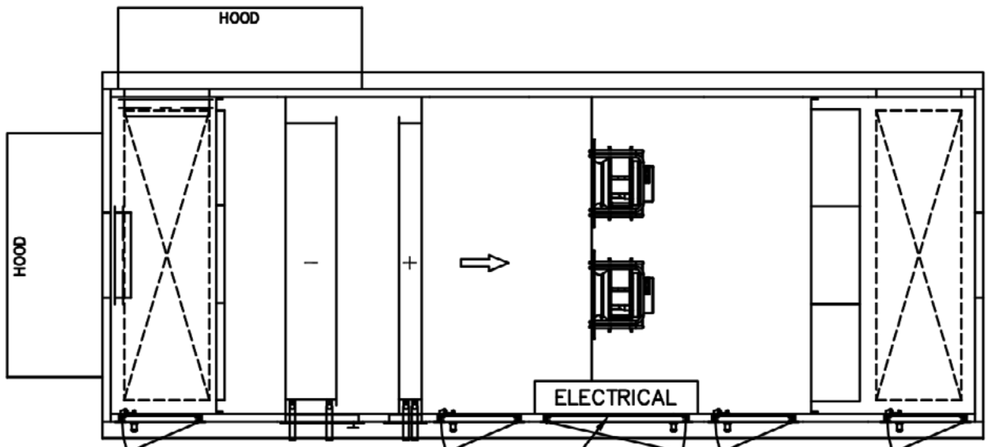
The ElitePro is designed to be lifted from the lifting eyes attached to the unit's base structure. Spreader bars must be used to hoist, to avoid damaging the enclosure and roof. Do not lift the unit with a forklift.

Chokers need to be adjustable, so that the unit is level when it is picked up, and more importantly, set down. Setting the unit down on one corner could cause the unit to rack. Lever chain pullers are useful for this purpose.

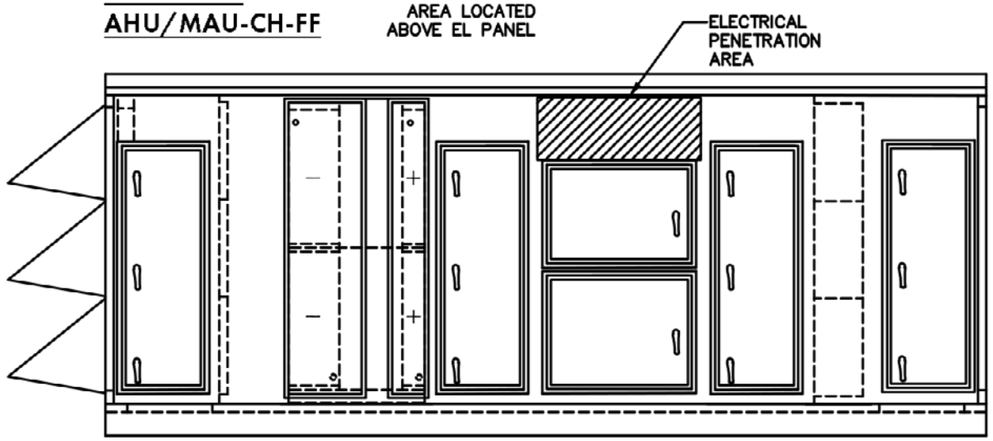
ELECTRICAL PENETRATION

ELITEPRO AHU & MAU

For unit weights and dimensions please see **DIMENSIONAL DATA on **PAGES 6-89***



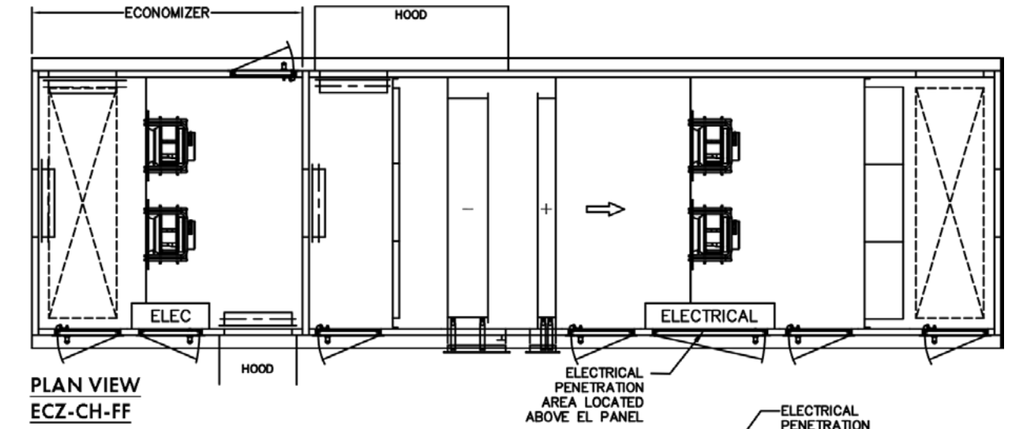
PLAN VIEW
AHU/MAU-CH-FF



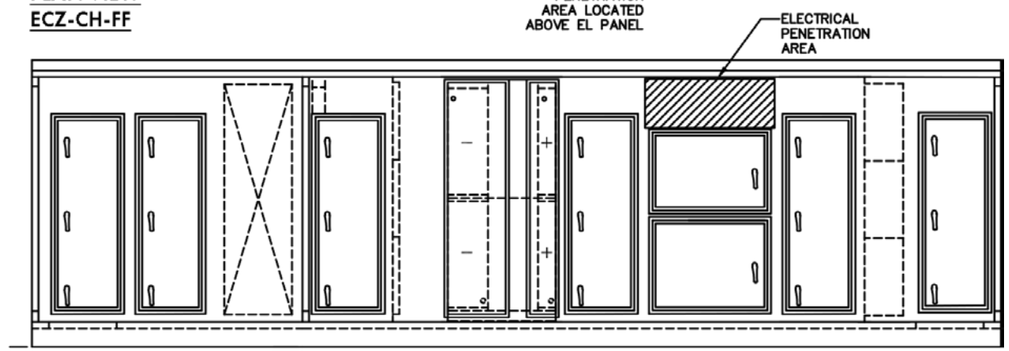
SIDE ELEVATION
AHU/MAU-CH-FF

ELITEPRO AHU ECONOMIZER

For unit weights and dimensions please see **DIMENSIONAL DATA on **PAGES 6-89***



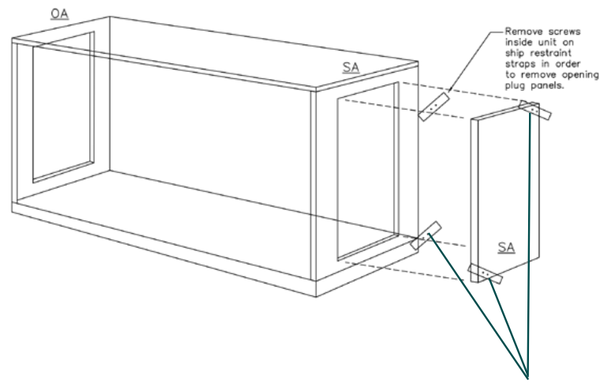
PLAN VIEW
ECZ-CH-FF



SIDE ELEVATION
ECZ-CH-FF

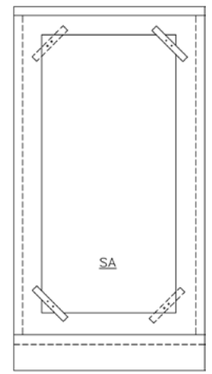
ELITEPRO PLUG PANEL REMOVAL

ALL AHU UNITS



END WALL

SHIPPING RESTRAINTS
(Only end wall openings)



END WALL

ELECTRICAL DATA
AIR HANDLING UNITS, MAKE UP AIR UNITS & ECONOMIZERS

UNIT TAG	3 PHASE FULL LOAD AMPS					
	STANDARD UNIT ELECTRICAL DATA					
	480/3/60 FLA	DISCONNECT SIZE	UV LAMPS 120 FLA	GAS HEAT 120 FLA	SMALL ELECTRIC HEAT 480V - FLA*	LARGE ELECTRIC HEAT 480V - FLA*
AHU/MAU/ECZ-020	6.04	6.04	0.05	2.40	12.03	30.07
AHU/MAU/ECZ-030	8.14	8.14	0.33	4.00	18.04	48.11
AHU/MAU/ECZ-050	11.04	11.04	1.33	4.00	24.06	84.20
AHU/MAU/ECZ-075	15.24	15.24	1.33	5.00	42.10	126.30
AHU/MAU/ECZ-100	22.34	22.34	1.33	8.00	60.14	168.39
AHU/MAU/ECZ-125	22.34	22.34	2.13	8.00	78.18	210.49
AHU/MAU/ECZ-150	29.44	29.44	2.67	12.00	96.23	252.59
AHU/MAU/ECZ-175	36.54	36.54	2.13	12.00	114.27	294.69
AHU/MAU/ECZ-200	36.54	36.54	2.93	15.00	138.32	336.79
AHU/MAU/ECZ-225	43.64	43.64	2.93	15.00	156.37	372.87
AHU/MAU/ECZ-250	43.64	43.64	5.87	15.00	168.39	469.1

NOTE: All ElitePro AHU units have SCCR 10K

* Upon installation, another electrical service line is required for each additional electric heater that ties directly to the main electric heater. This is in addition to the electrical service line to the ElitePro AHU.

** See submittal for final fan selection information

ELECTRICAL FAN DATA

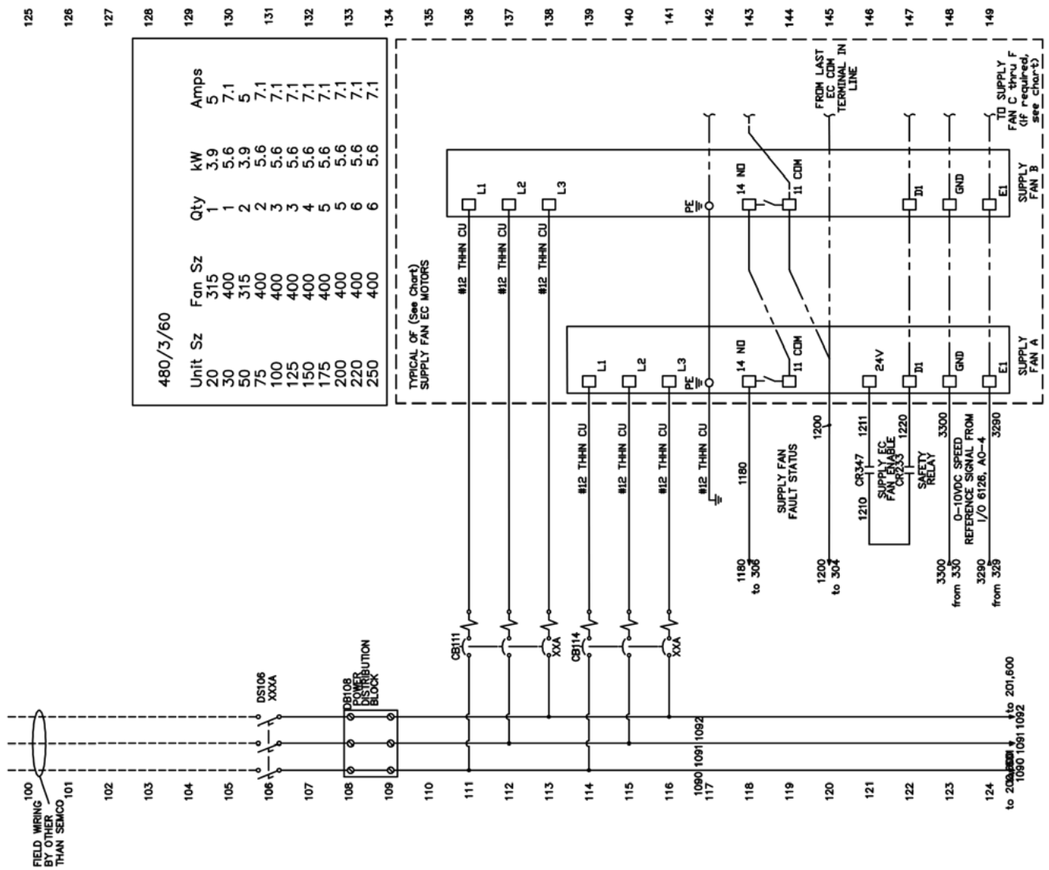
UNIT TAG	EC FANS		
	kW	HP	FAN QTY
AHU/MAU/ECZ-020	3.9	5.2	1
AHU/MAU/ECZ-030	5.6	7.5	1
AHU/MAU/ECZ-050	7.8	10.5	2
AHU/MAU/ECZ-075	11.2	15.0	2
AHU/MAU/ECZ-100	16.8	22.5	3
AHU/MAU/ECZ-125	16.8	22.5	3
AHU/MAU/ECZ-150	22.4	30.0	4
AHU/MAU/ECZ-175	28.0	37.5	5
AHU/MAU/ECZ-200	28.0	37.5	5
AHU/MAU/ECZ-225	33.6	45.1	6
AHU/MAU/ECZ-250	33.6	45.1	6

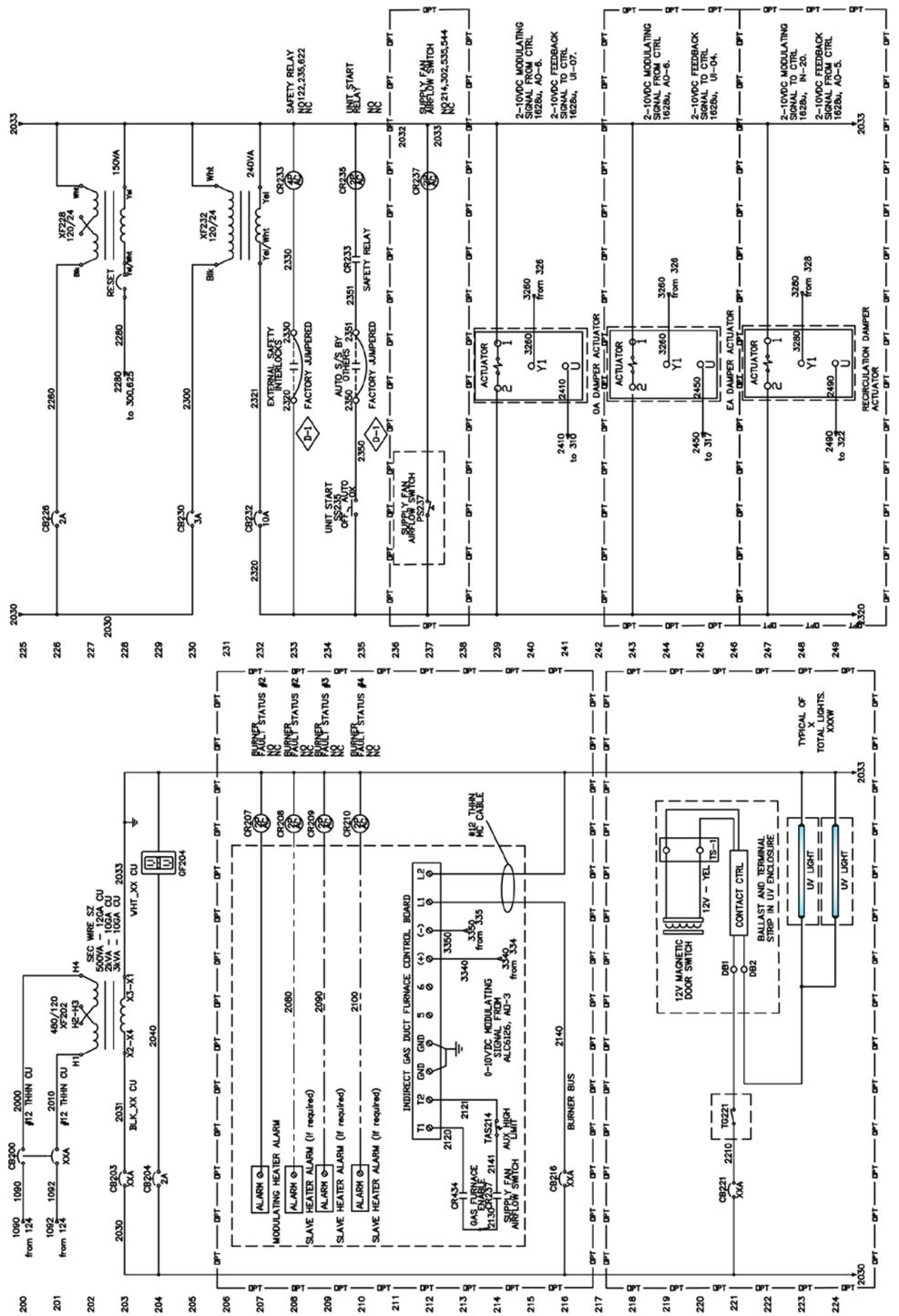
TRANSFORMERS FOR 208 VOLT / 3 PHASE / 60 HERTZ POWER

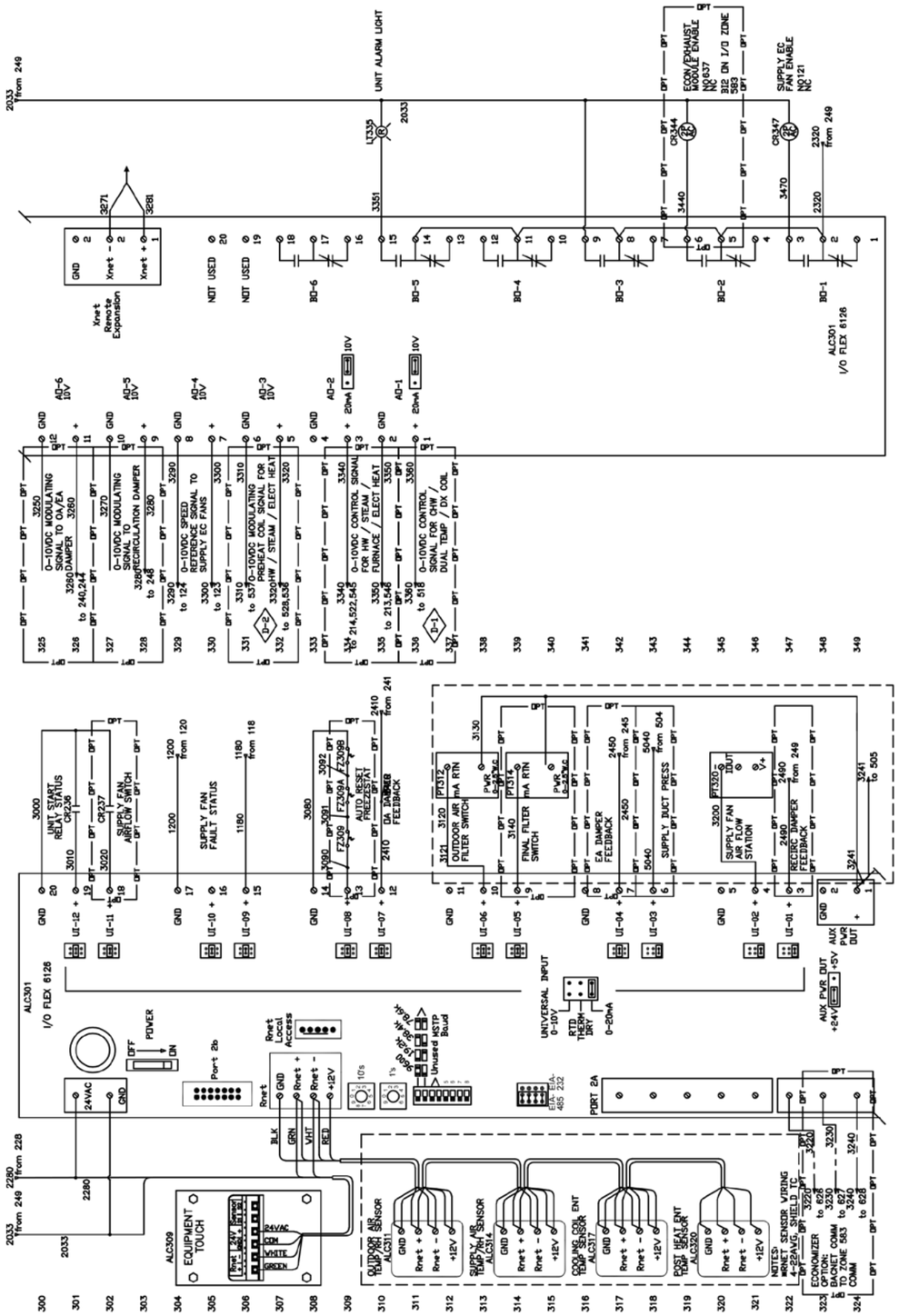
UNIT TAG	TRANSFORMER SIZE (kVA)				
	AHU/MAU COOLING/HEATING COMBO	AHU/MAU WITH UV LIGHTS	AHU/MAU WITH GAS BURNERS	AHU/MAU WITH GAS BURNERS & UV LIGHTS	ECONOMIZER WITH GAS BURNER & UV LIGHTS
AHU/MAU/ECZ-020	15	15	15	15	15
AHU/MAU/ECZ-030	15	15	15	15	15
AHU/MAU/ECZ-050	15	30	30	30	30
AHU/MAU/ECZ-075	15	30	30	30	30
AHU/MAU/ECZ-100	30	30	30	30	45
AHU/MAU/ECZ-125	30	45	45	45	45
AHU/MAU/ECZ-150	30	45	45	45	75
AHU/MAU/ECZ-175	45	45	45	45	75
AHU/MAU/ECZ-200	45	75	75	75	112.5
AHU/MAU/ECZ-225	45	75	75	75	112.5
AHU/MAU/ECZ-250	45	75	75	75	112.5

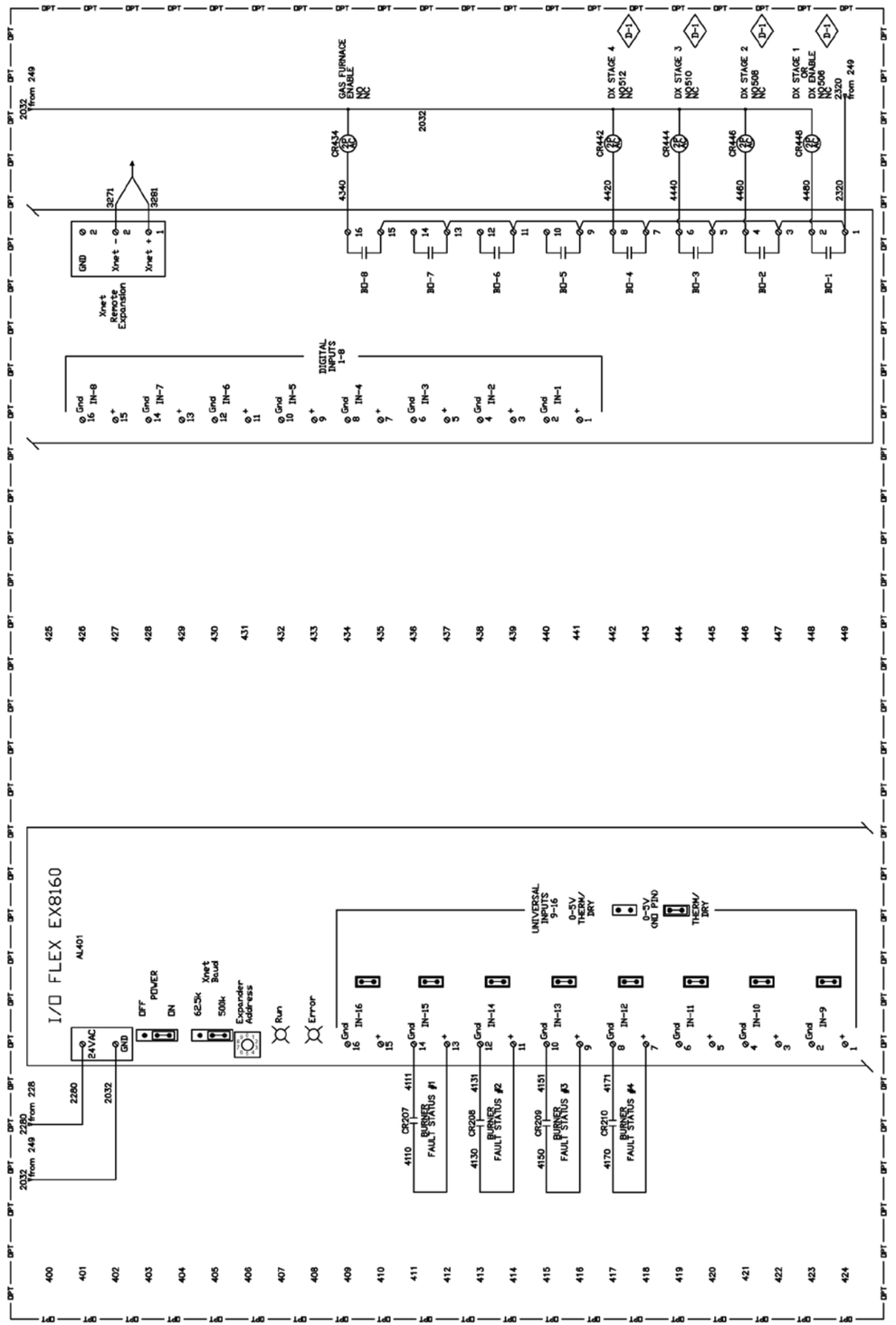
ELECTRICAL SCHEMATICS

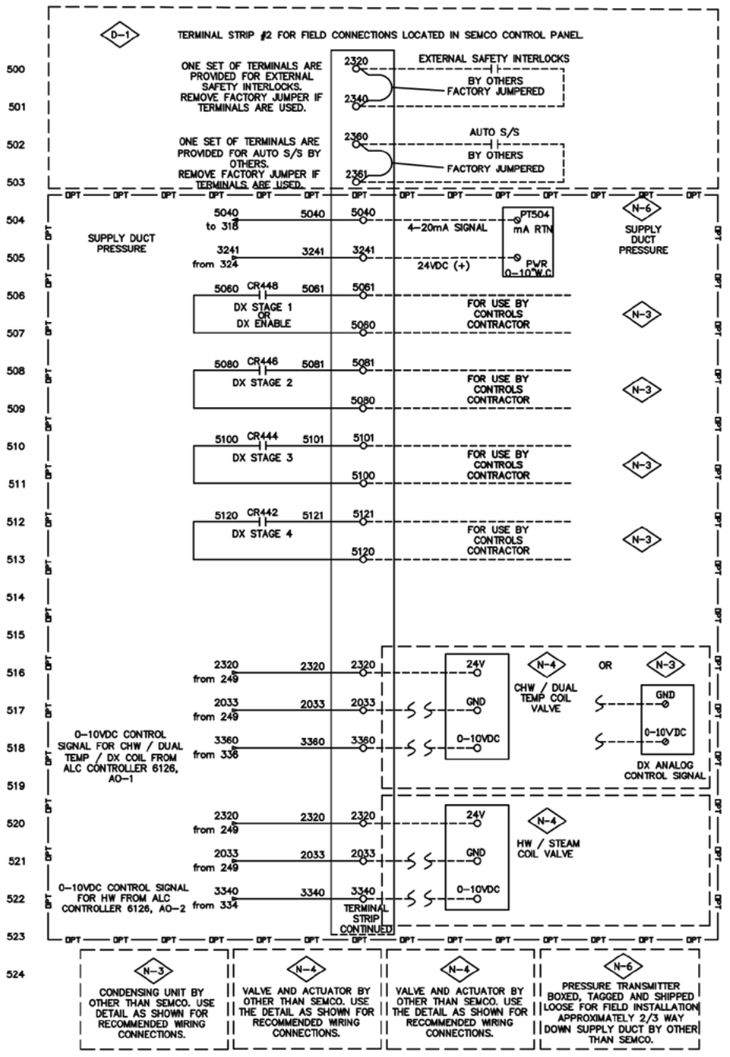
AHU, MAU, AND ECONOMIZER FULL CONTROLS

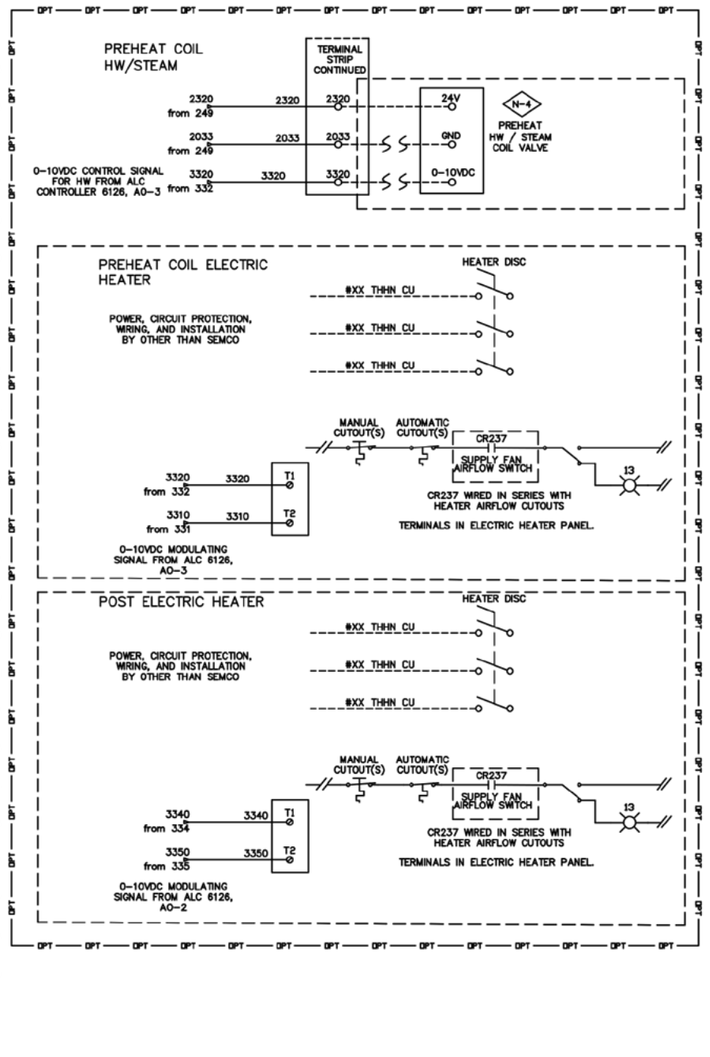


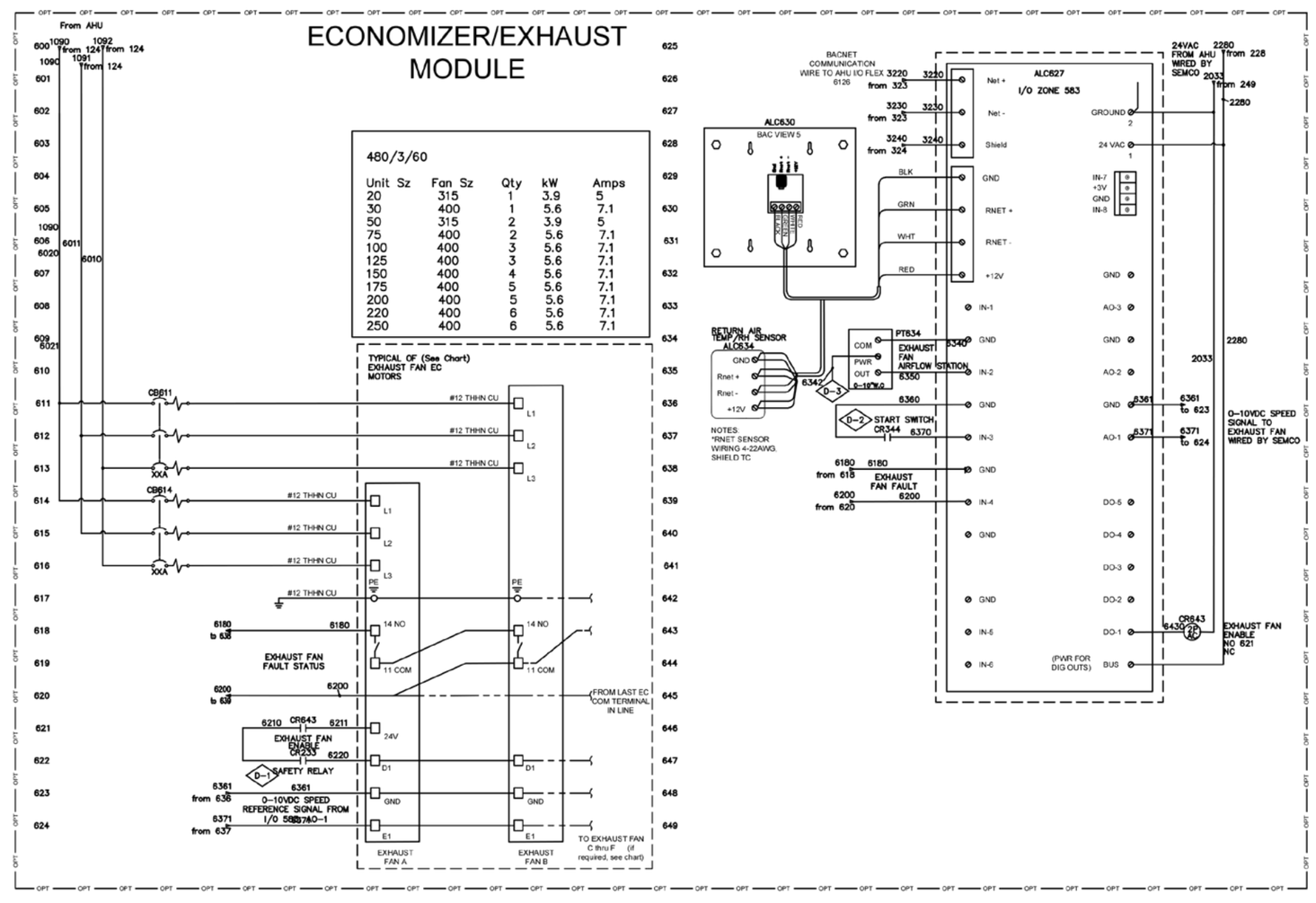



ALC301
I/O FLEX 6128
Xnet Remote Expansion
UNIT ALARM LIGHT
ECON/EXHAUST MODULE ENABLE
SUPPLY EC FAN ENABLE
UNIT START RELAY STATUS
SUPPLY FAN AIRFLOW SWITCH
SUPPLY FAN FAULT STATUS
OUTDOOR AIR FILTER SWITCH
FINAL FILTER SWITCH
SUPPLY FAN AIRFLOW STATION
SUPPLY DUCT PRESS
EQUIPMENT TOUCH
ALC309
ALC311
ALC314
ALC317
ALC320
ECONOMIZER OPTION: BACNET COMM TO ZONE COMM
NOTES:
#ONET SENSOR WIRING 4-22AWG SHIELD TC


ALC401
I/O FLEX EX8160
Xnet Remote Expansion
GAS FURNACE ENABLE
DX STAGE 4
DX STAGE 3
DX STAGE 2
DX STAGE 1 OA ENABLE
DIGITAL INPUTS 1-8
UNIVERSAL INPUTS 9-16
BURNER FAULT STATUS #1
BURNER FAULT STATUS #2
BURNER FAULT STATUS #3
BURNER FAULT STATUS #4

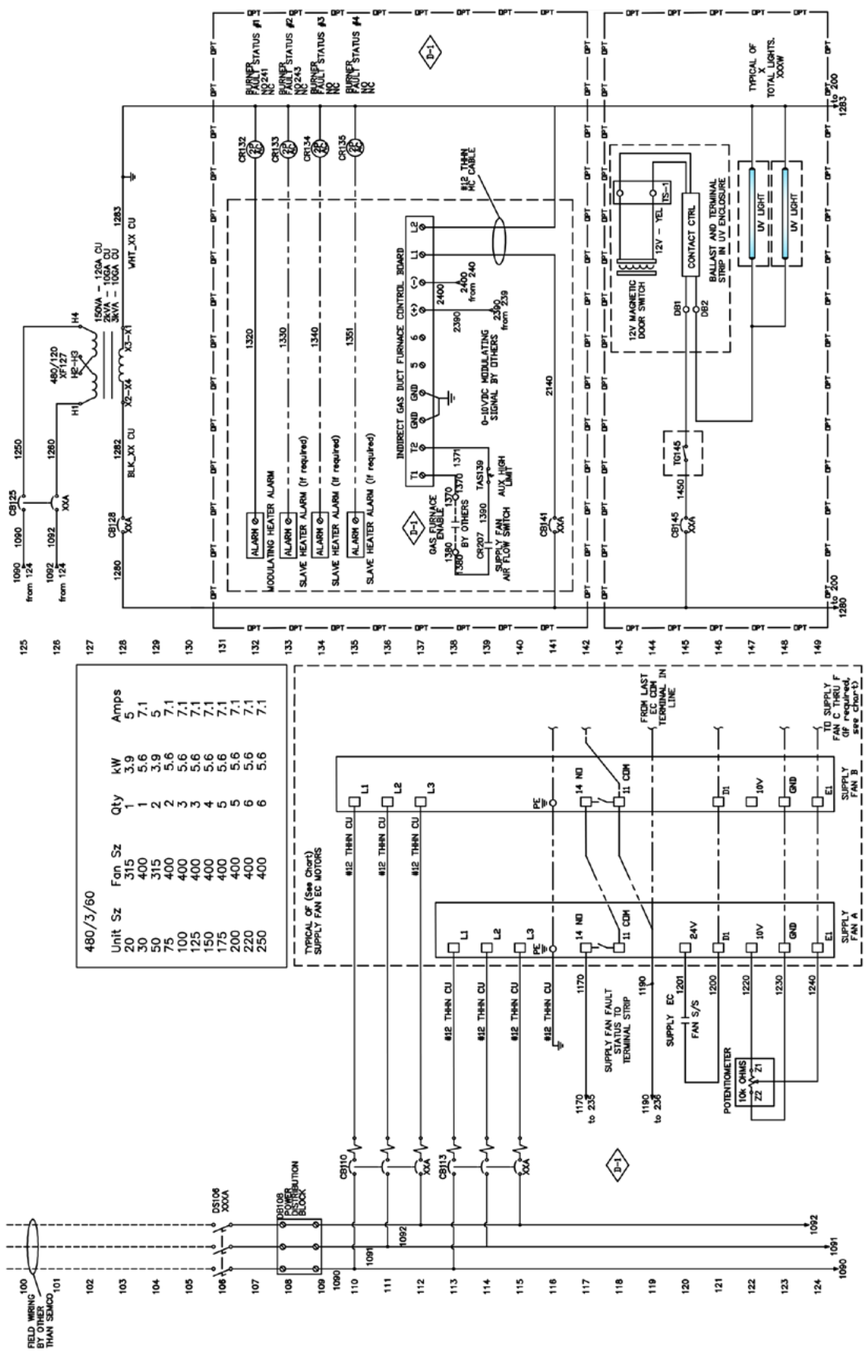

D-1
TERMINAL STRIP #2 FOR FIELD CONNECTIONS LOCATED IN SEMCO CONTROL PANEL.
ONE SET OF TERMINALS ARE PROVIDED FOR EXTERNAL SAFETY INTERLOCKS. REMOVE FACTORY JUMPER IF TERMINALS ARE USED.
EXTERNAL SAFETY INTERLOCKS
BY OTHERS
FACTORY JUMPERED
ONE SET OF TERMINALS ARE PROVIDED FOR AUTO S/S BY OTHERS. REMOVE FACTORY JUMPER IF TERMINALS ARE USED.
AUTO S/S
SUPPLY DUCT PRESSURE
4-20mA SIGNAL
24VDC (+)
PT504
SUPPLY DUCT PRESSURE
DX STAGE 1 OR DX ENABLE
DX STAGE 2
DX STAGE 3
DX STAGE 4
FOR USE BY CONTROLS CONTRACTOR
0-10VDC CONTROL SIGNAL FOR CHW / DUAL TEMP / DX COIL FROM ALC CONTROLLER 6126, AO-1
CHW / DUAL TEMP COIL VALVE
DX ANALOG CONTROL SIGNAL
0-10VDC CONTROL SIGNAL FOR HW FROM ALC CONTROLLER 6126, AO-2
HW / STEAM COIL VALVE
TERMINAL STRIP CONTINUED
N-3 CONDENSING UNIT BY OTHER THAN SEMCO. USE DETAIL AS SHOWN FOR RECOMMENDED WIRING CONNECTIONS.
N-4 VALVE AND ACTUATOR BY OTHER THAN SEMCO. USE THE DETAIL AS SHOWN FOR RECOMMENDED WIRING CONNECTIONS.
N-4 VALVE AND ACTUATOR BY OTHER THAN SEMCO. USE THE DETAIL AS SHOWN FOR RECOMMENDED WIRING CONNECTIONS.
N-6 PRESSURE TRANSMITTER BOXED, TAGGED AND SHIPPED LOOSE FOR FIELD INSTALLATION APPROXIMATELY 2/3 WAY DOWN SUPPLY DUCT BY OTHER THAN SEMCO.

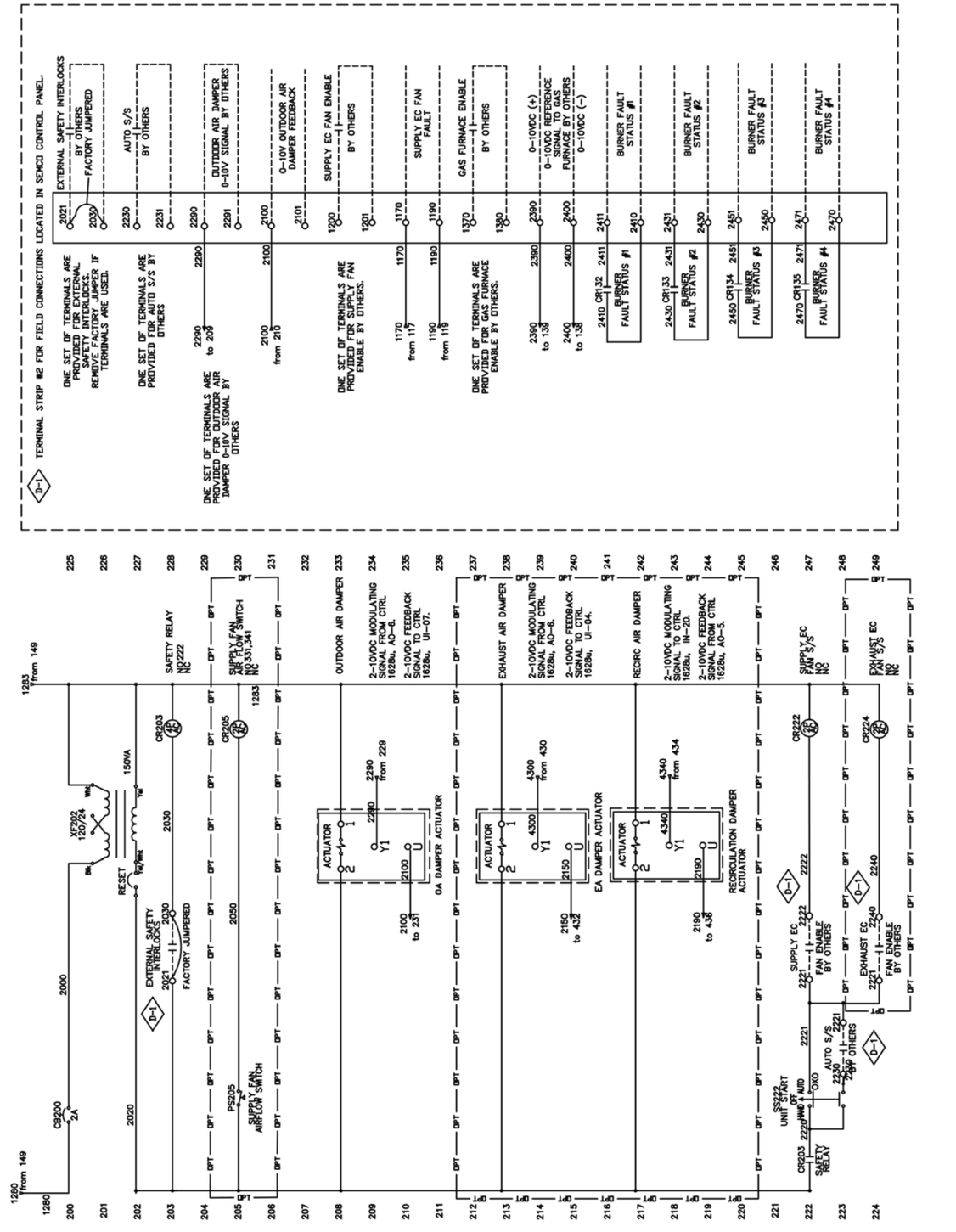

PREHEAT COIL HW/STEAM
TERMINAL STRIP CONTINUED
PREHEAT HW / STEAM COIL VALVE
0-10VDC CONTROL SIGNAL FOR HW FROM ALC CONTROLLER 6126, AO-3
PREHEAT COIL ELECTRIC HEATER
HEATER DISC
POWER, CIRCUIT PROTECTION, WIRING, AND INSTALLATION BY OTHER THAN SEMCO
#XX THHN CU
MANUAL CUTOUT(S)
AUTOMATIC CUTOUT(S)
CR237
SUPPLY FAN AIRFLOW SWITCH
CR237 WIRED IN SERIES WITH HEATER AIRFLOW CUTOUTS
TERMINALS IN ELECTRIC HEATER PANEL.
0-10VDC MODULATING SIGNAL FROM ALC 6126, AO-3
POST ELECTRIC HEATER
0-10VDC MODULATING SIGNAL FROM ALC 6126, AO-2

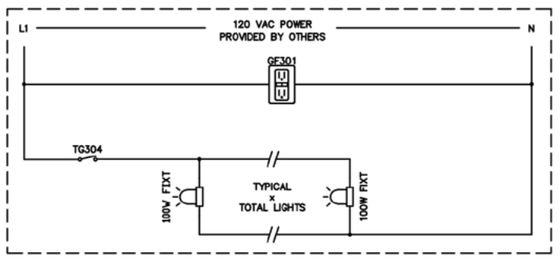

ECONOMIZER/EXHAUST MODULE
480/3/60
Unit Sz | Fan Sz | Qty | kW | Amps
20 | 315 | 1 | 3.9 | 5
30 | 400 | 1 | 5.6 | 7.1
50 | 315 | 2 | 3.9 | 5
75 | 400 | 2 | 5.6 | 7.1
100 | 400 | 3 | 5.6 | 7.1
125 | 400 | 3 | 5.6 | 7.1
150 | 400 | 4 | 5.6 | 7.1
175 | 400 | 5 | 5.6 | 7.1
200 | 400 | 5 | 5.6 | 7.1
220 | 400 | 6 | 5.6 | 7.1
250 | 400 | 6 | 5.6 | 7.1
From AHU
TYPICAL OF (See Chart) EXHAUST FAN EC MOTORS
#12 THHN CU
EXHAUST FAN FAULT STATUS
EXHAUST FAN ENABLE CR233
SAFETY RELAY
0-10VDC SPEED REFERENCE SIGNAL FROM I/O 5B/7A0-1
EXHAUST FAN A
EXHAUST FAN B
TO EXHAUST FAN C thru F (if required, see chart)
FROM LAST EC COM TERMINAL IN LINE
BACNET COMMUNICATION WIRE TO AHU I/O FLEX 6126
ALC627 I/O ZONE 583
ALC630 BAC VIEW 5
RETURN AIR TEMP/RH SENSOR ALC634
PT634 EXHAUST FAN AIRFLOW STATION
START SWITCH CR344
EXHAUST FAN FAULT
24VAC 2280 FROM AHU WIRED BY SEMCO
0-10VDC SPEED SIGNAL TO EXHAUST FAN WIRED BY SEMCO
CR843 EXHAUST FAN ENABLE NO 621 NC
NOTES:
*RNET SENSOR WIRING 4-22AWG. SHIELD TC

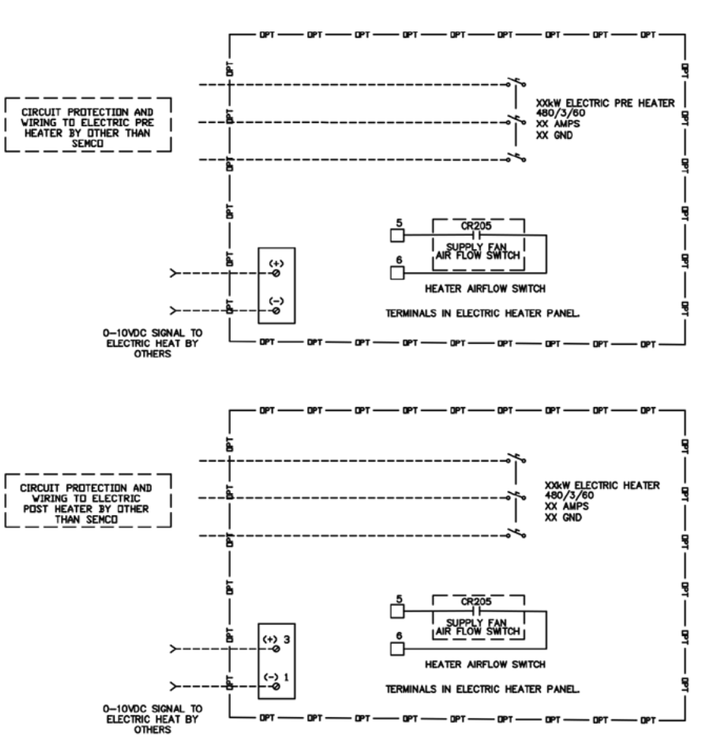
ELECTRICAL SCHEMATICS

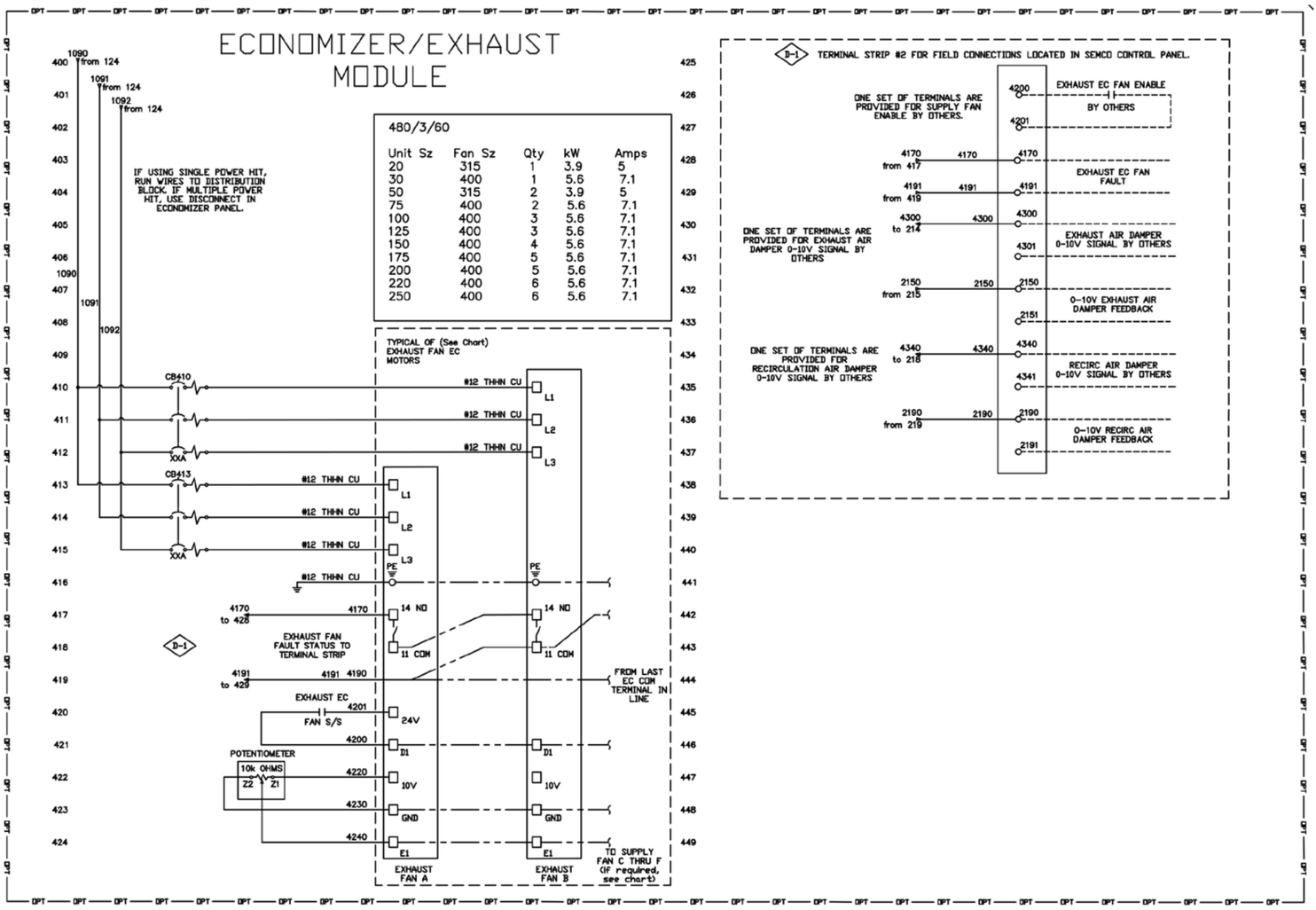
AHU, MAU, AND ECONOMIZER NO CONTROLS





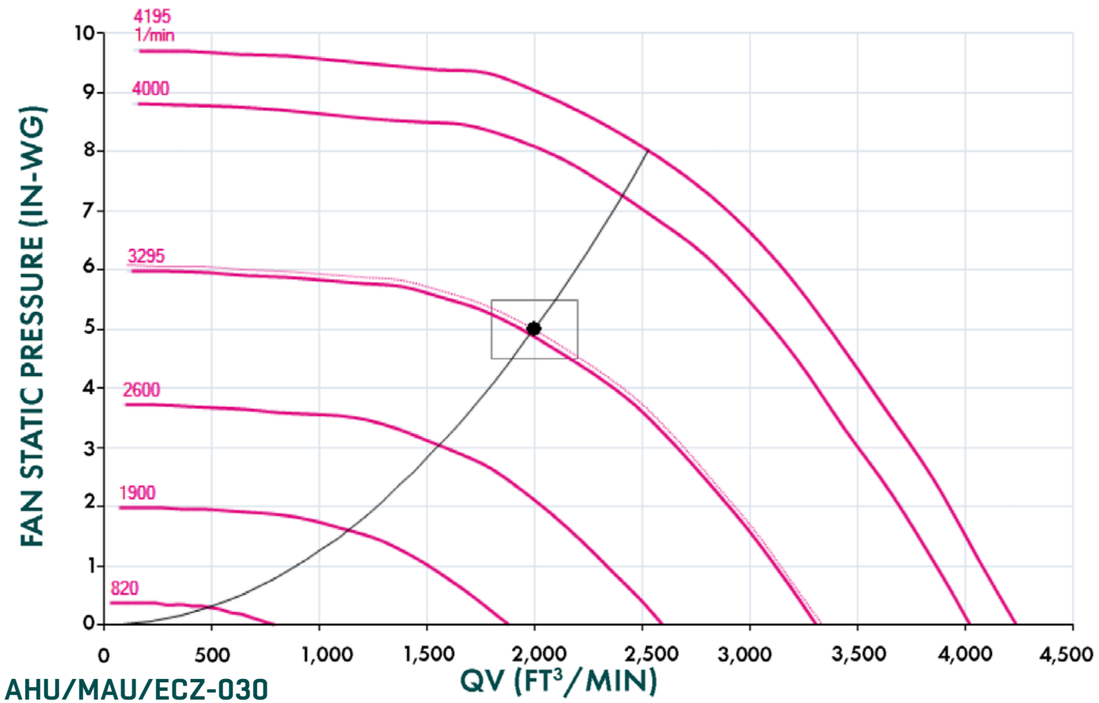

L1
120 VAC POWER
PROVIDED BY OTHERS
N
GE301
TG304
100W FIXT
TYPICAL
x
TOTAL LIGHTS
100W FIXT


CIRCUIT PROTECTION AND WIRING TO ELECTRIC PRE HEATER BY OTHER THAN SEMCO
XXkW ELECTRIC PRE HEATER
480/3/60
XX AMPS
XX GND
CR205
SUPPLY FAN AIR FLOW SWITCH
HEATER AIRFLOW SWITCH
TERMINALS IN ELECTRIC HEATER PANEL.
0-10VDC SIGNAL TO ELECTRIC HEAT BY OTHERS
CIRCUIT PROTECTION AND WIRING TO ELECTRIC POST HEATER BY OTHER THAN SEMCO
XXkW ELECTRIC HEATER
480/3/60
XX AMPS
XX GND
CR205
SUPPLY FAN AIR FLOW SWITCH
HEATER AIRFLOW SWITCH
TERMINALS IN ELECTRIC HEATER PANEL.
0-10VDC SIGNAL TO ELECTRIC HEAT BY OTHERS

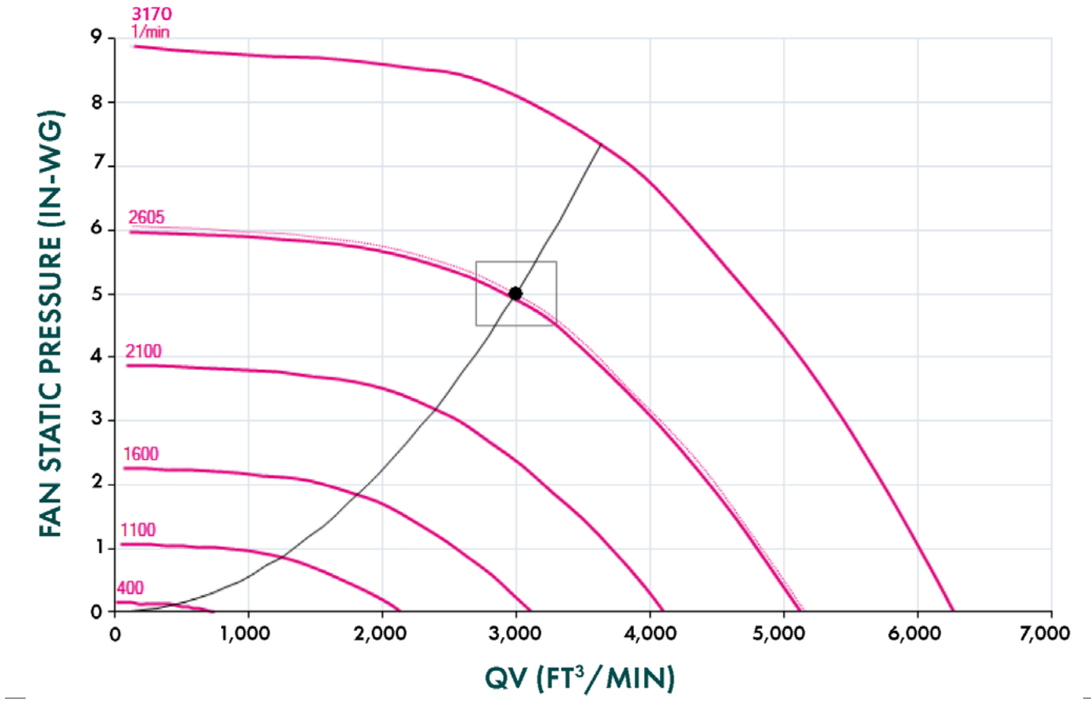

ECONOMIZER/EXHAUST MODULE
480/3/60
Unit Sz | Fan Sz | Qty | kW | Amps
20 | 315 | 1 | 3.9 | 5
30 | 400 | 1 | 5.6 | 7.1
50 | 315 | 2 | 3.9 | 5
75 | 400 | 2 | 5.6 | 7.1
100 | 400 | 3 | 5.6 | 7.1
125 | 400 | 3 | 5.6 | 7.1
150 | 400 | 4 | 5.6 | 7.1
175 | 400 | 5 | 5.6 | 7.1
200 | 400 | 5 | 5.6 | 7.1
220 | 400 | 6 | 5.6 | 7.1
250 | 400 | 6 | 5.6 | 7.1
IF USING SINGLE POWER HIT, RUN WIRES TO DISTRIBUTION BLOCK. IF MULTIPLE POWER HIT, USE DISCONNECT IN ECONOMIZER PANEL.
TYPICAL OF (See Chart) EXHAUST FAN EC MOTORS
CB410
CB413
#12 THHN CU
EXHAUST FAN FAULT STATUS TO TERMINAL STRIP
EXHAUST EC FAN S/S
POTENTIOMETER
10k OHMS
EXHAUST FAN A
EXHAUST FAN B
FROM LAST EC COM TERMINAL IN LINE
TO SUPPLY FAN C THRU F (IF required, see chart)
D-1
TERMINAL STRIP #2 FOR FIELD CONNECTIONS LOCATED IN SEMCO CONTROL PANEL.
ONE SET OF TERMINALS ARE PROVIDED FOR SUPPLY FAN ENABLE BY OTHERS.
EXHAUST EC FAN ENABLE
BY OTHERS
EXHAUST EC FAN FAULT
ONE SET OF TERMINALS ARE PROVIDED FOR EXHAUST AIR DAMPER 0-10V SIGNAL BY OTHERS
EXHAUST AIR DAMPER 0-10V SIGNAL BY OTHERS
0-10V EXHAUST AIR DAMPER FEEDBACK
ONE SET OF TERMINALS ARE PROVIDED FOR RECIRCULATION AIR DAMPER 0-10V SIGNAL BY OTHERS
RECIRC AIR DAMPER 0-10V SIGNAL BY OTHERS
0-10V RECIRC AIR DAMPER FEEDBACK

FAN CURVES

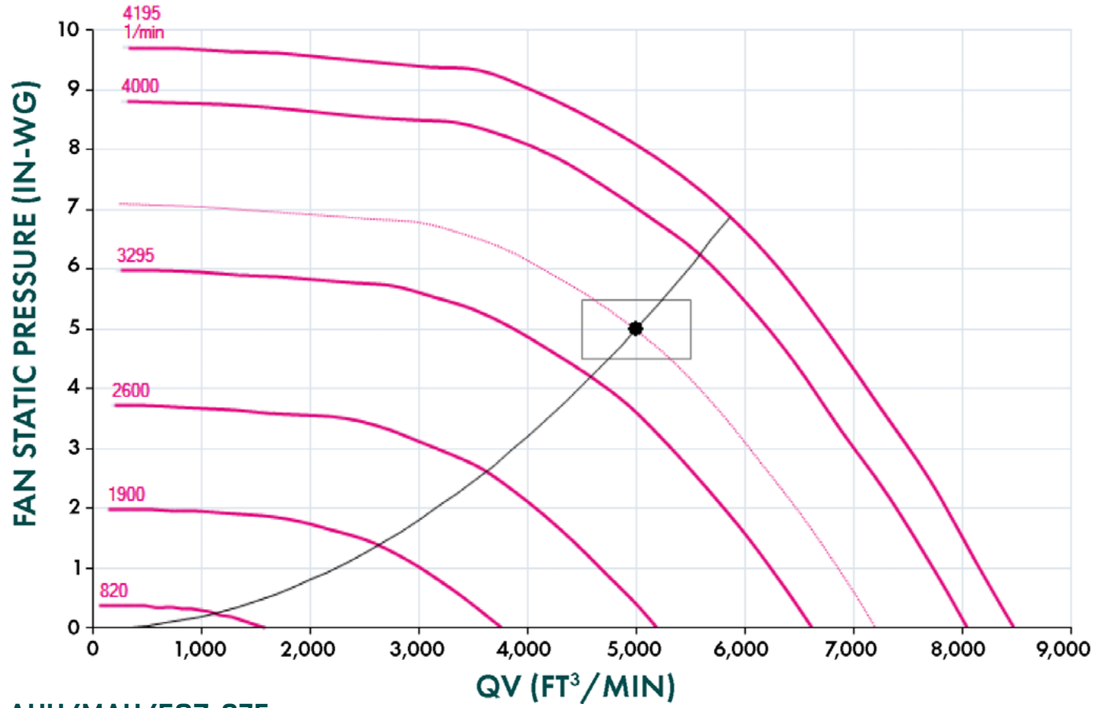
AHU/MAU/ECZ-020



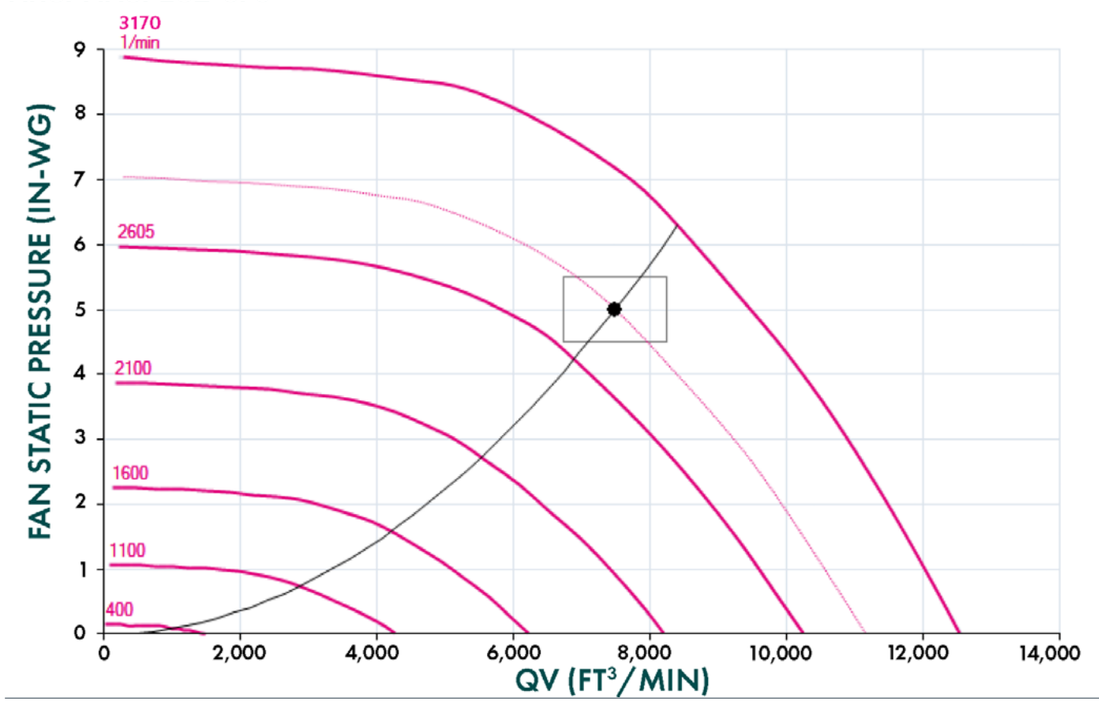
AHU/MAU/ECZ-030



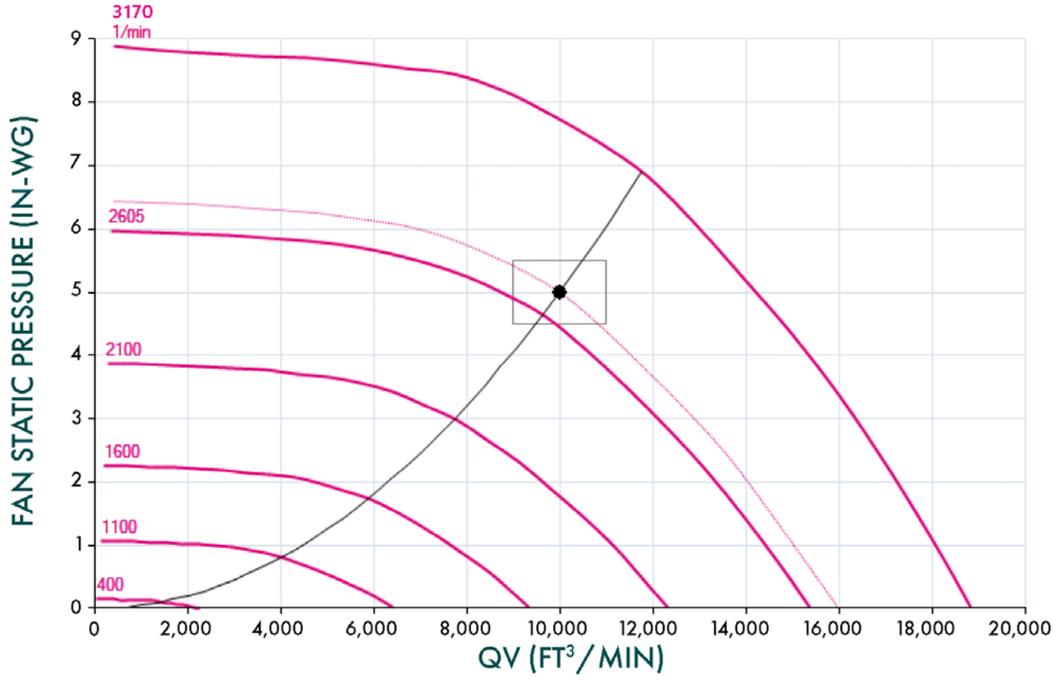
AHU/MAU/ECZ-050



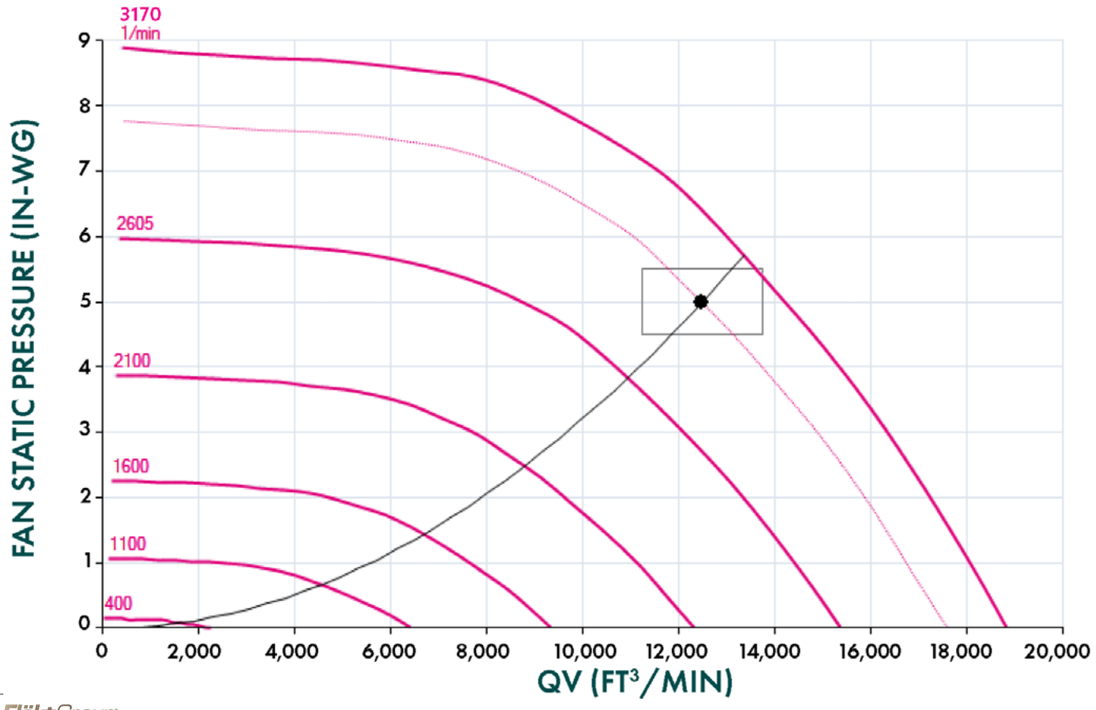
AHU/MAU/ECZ-075



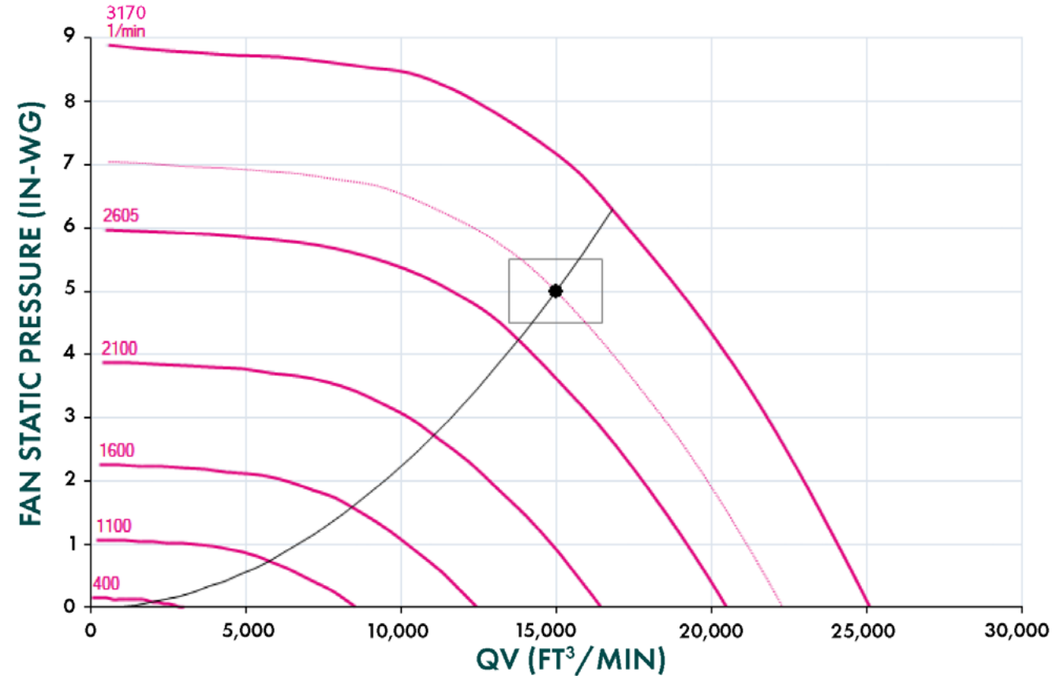
AHU/MAU/ECZ-100



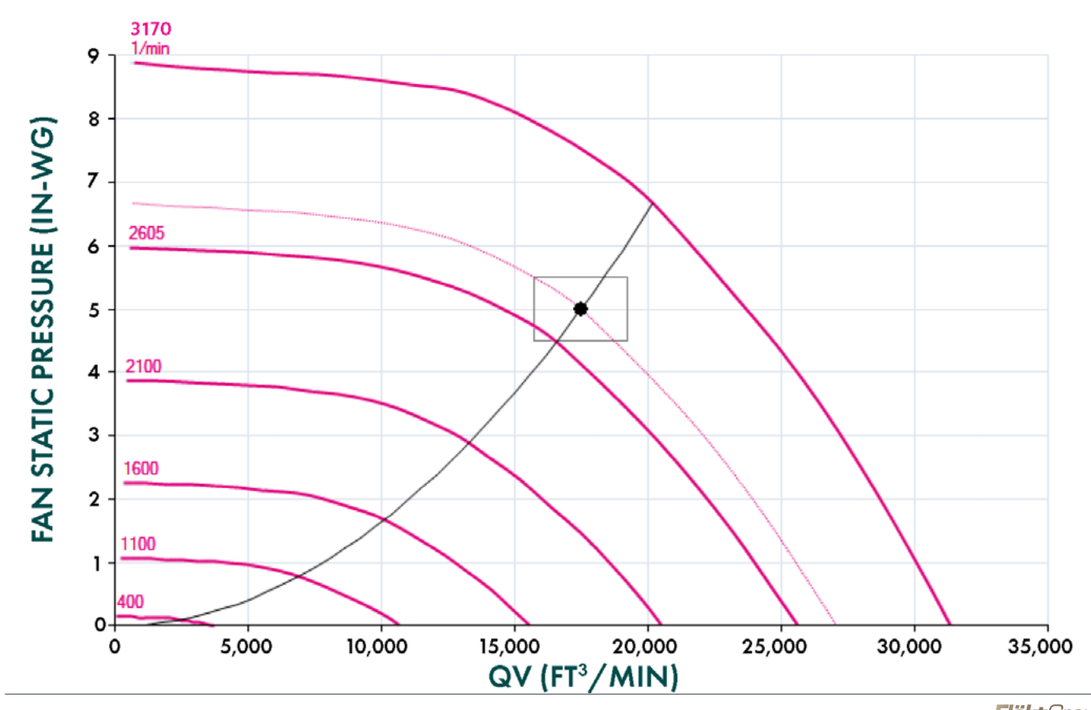
AHU/MAU/ECZ-125



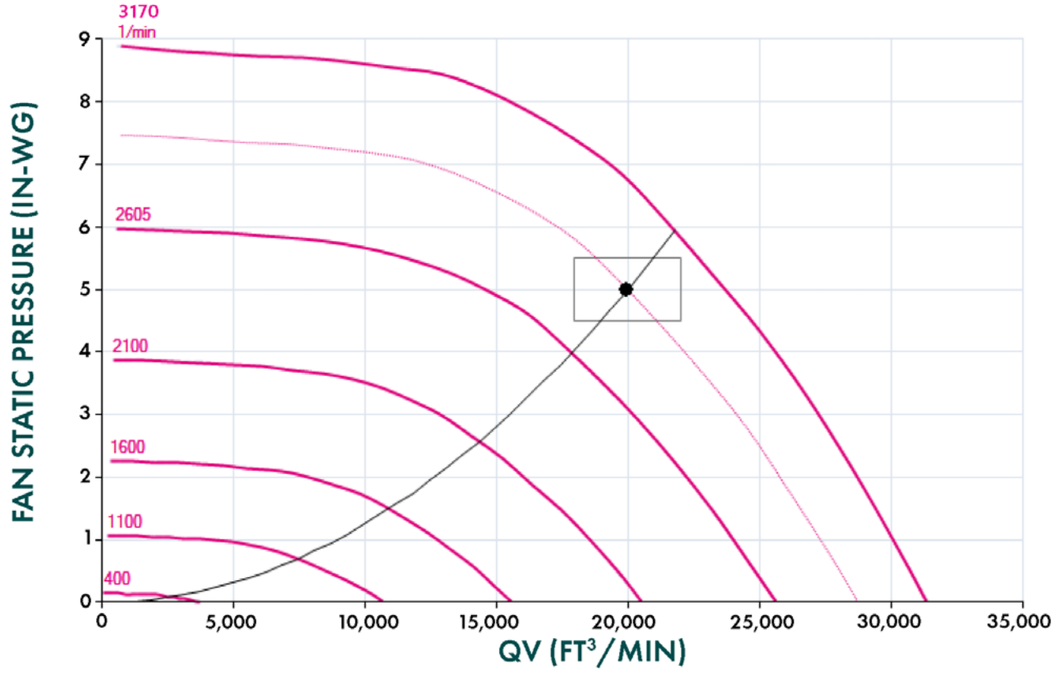
AHU/MAU/ECZ-150



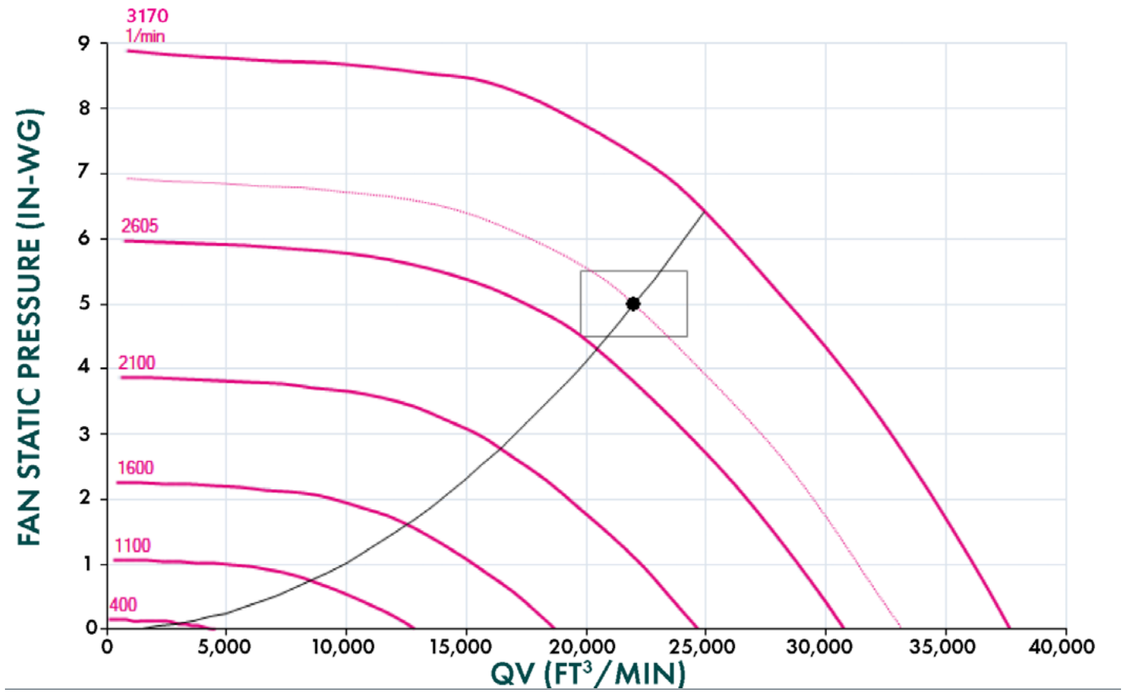
AHU/MAU/ECZ-175



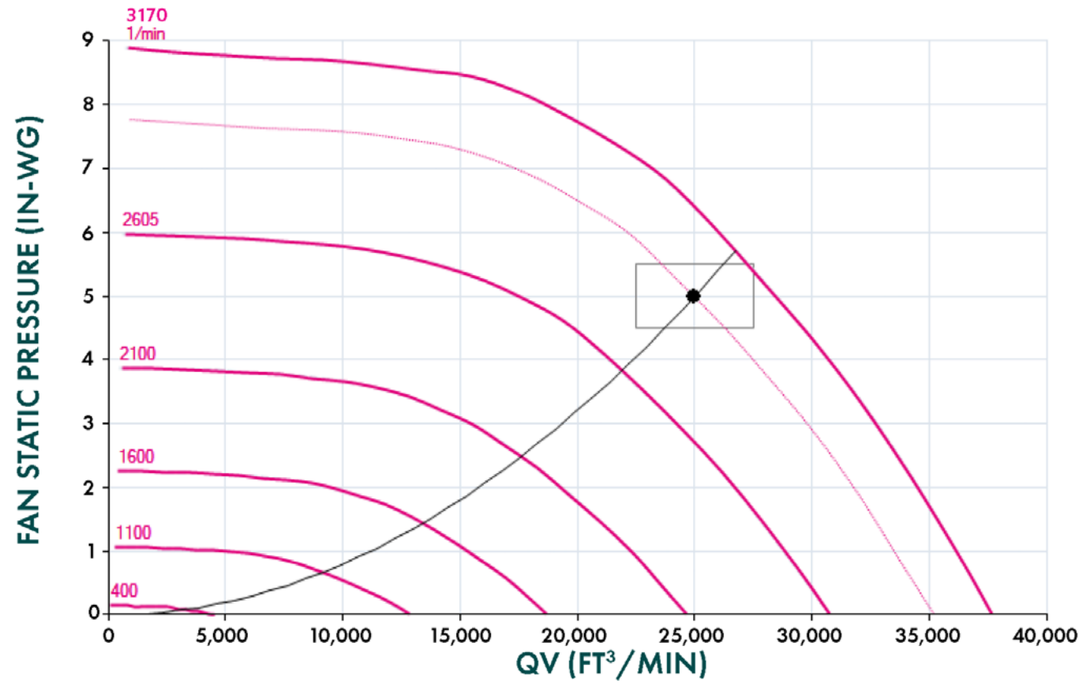
AHU/MAU/ECZ-200



AHU/MAU/ECZ-225



AHU/MAU/ECZ-250



SAMPLE SPECIFICATIONS - 'ELITEPRO' SERIES AIR HANDLING UNIT

CASING

Air handling units will be FläktGroup SEMCO standard ElitePro' series with components as follows:

All panels shall be double wall construction, load-bearing and capable of forming the enclosure without additional structural members. All panel joints shall be sealed to provide a permanent air-tight seal.

Individual panels shall consist of a double-wall "sandwich" construction of an outer liner and an inner liner that are precision CNC cut and formed. The Inner liner is inserted into the outer liner, creating a completely enclosed void. This void is injected under pressure with a two-part polyurethane foam system in a temperature and pressure controlled press. No foam is exposed. All inner and outer panels' liners shall be 20 Ga. metal. All panels shall be 2" thick with a U-factor of 0.0777 BTU/(hr-sq. ft.-deg). The cabinet shall be air and water tight by individually sealing each panel joint with a sealant. The compression strips shall be mounted on the exterior of the units, the fasteners shall be exposed to the exterior of the unit. Standard units feature a galvanized finish. Exterior paint is available as an optional feature. When the paint option is selected, the exterior of the unit is coated with an epoxy primer and a polyurethane enamel painting system for added protection. The painting system is rated to meet a 1,000-hour salt spray test.

BASE FRAME

12Ga Galvanized channels are precision punched and formed. Assembly of 12 Ga channels is achieved with a nut and bolt fastening system. The unit floor is the same construction as the walls/roof panels (refer to **CASING** above). Panels are held 'captive' between the perimeter channels and the rigid panels complement each other to create a solid unified base frame assembly. Base height is variable – depending on requirements. Extra flashing for curb mount application is built into perimeter channels.

ACCESS

Access will be provided through large hinged, tightly sealed doors or easily removable access panels. Access doors will be constructed of the same materials as the unit casing and use FläktGroup SEMCO's standard hardware. Each door will be provided with two or three cam type handles, and two or three heavy duty hinges to achieve maximum sealing. Handles are to be internal and external for opening from the inside or outside of the unit, with the exception of the electrical cabinet. Each electrical cabinet will be equipped with just one handle. Those handles will be located on the outside of the unit.

EC FANS

Fans are wall-mounted centrifugal type, supplied with high efficiency (IE4) permanent magnet external rotor EC-motors. The high efficiency rating is due to a permanent magnet fitted into the motor. The magnet helps eliminate rotor losses, resulting in the use of less magnetic current. Motors are equipped with integrated fan speed control electronics. Fan speed can be controlled using the UNICON® Modbus® master field device.

MOTOR SPECIFICATION

- Single-sided intake, rear-curved motor impeller, energy optimized for operation without spiral housing through special blade design with a rotating, vaneless diffuser for high efficiency and with favorable acoustic behavior.
- Impeller Ø 250-630 mm in 9 frame sizes
- Centrifugal impeller made of high-strength ZAmid composite material, with external rotor motor statically and dynamically balanced according to ISO 21940 Part 1
- Fitting position: horizontal and vertical
- Impeller with rotating diffuser
- Admissible environmental temperature from -20˚C up to +60˚C
- Design with integrated electronics
- Over-temperature protection of the device electronics through active temperature management
- Degree of protection IP 55
- Thermal class 155
- The motor efficiency class complies with IE5
- Performance specifications comply with Precision Class 2 according to DIN 24166

FAN SPECIFICATION

- 7 rear curved, profile blades
- Galvanized inlet nozzle with volume flow rate measuring with volume flow rate measuring equipment.
- Fan characteristic curve refer to measurements made on an inlet-side chamber test rig according to DIN 24163 Part 2 or ISO 5801

PRE-FILTERS (SUPPLY & FINAL)

Filters will be standard MERV 8 or (optional) MERV 13. Air filters will be 2" thick, pleated, disposable type. Each filter will consist of a non-woven cotton and synthetic fabric media support grid and enclosing frame. The filter media will have an average efficiency of 80% on ASHRAE test standards. The filter is listed by Underwriters' Laboratories as Class 2. A bank of galvanized holding frames will be arranged for upstream access.

Additional filters for outdoor applications will be mounted in the outside air hood, and shall be 1" thick permanent aluminum washable type.

HIGH EFFICIENCY FILTERS (SUPPLY & FINAL)

Mounted in a separate filter bank will be 12" deep MERV 17 high performance filters, deep pleated, totally rigid and consisting of high-density media support grid, contour stabilizers, diagonal support bracing and enclosing frame. The media will have an average efficiency of > 99%.

OUTDOOR AIR DAMPERS

Dampers will have extruded aluminum frames and blades, with blade and jamb seals for low leakage performances. Dampers will have 24-Volt electric spring return actuators (two-position) with an integral limit switch.

ELECTRICAL

Unit will require a 480-Volt, 3-phase, 60-cycle field power connection at the main electrical panel. The electrical panel will be integrated into the unit construction. Access doors are provided separately for the low voltage and high voltage compartments. The electric panel will consist of a non-fused disconnect and HOA switch for the unit. Separate branch circuits, each with over-current protection, are provided for each fan, wheel, and transformer. IEC full voltage starters are provided for each non VFD controlled fan and wheel. All 120 and high volt wiring up through size #2 will be run in MC cable. Plenum cable is used for low voltage wiring and is not run in conduit. All wire size #1 and larger wire is run in EMT. Fan motors requiring wire run in EMT will have less than 48" of flexible metal conduit between the EMT and motor junction box. Starter coils will be 24-Volt AC for contractors rated 75 amps or less and 120-Volt AC for contractors rated greater than 75 amps.

LIGHTS & GFI RECEPTACLE

Vapor proof light fixtures with compact LED lamps will be provided in access compartments as shown on the general arrangement drawing. Lights will be wired to a GFI / switch combo on the unit exterior. A GFI receptacle is mounted next to the light switch. See spec sheet for additional info.

COILS

CHILLED WATER, DX AND HOT WATER COILS

Primary surface should be round, seamless 5/8-inch O.D. by 0.020 inch thick copper tube on 1.5 inch centers, staggered in the direction of airflow. All joints shall be brazed.

Secondary surface shall consist of 0.006 (0.0075 for heating coils) inch rippled aluminum plate fins for higher capacity and structural strength. Fins shall have full drawn collars to provide a continuous surface cover over the entire tube for maximum heat transfer. Bare copper tubes shall not be visible between fins and the fins shall have no openings punched in them to prevent the accumulation of lint and dirt. Tubes shall be mechanically expanded into the fins to provide a continuous primary to secondary compression bond over the entire finned length for maximum heat transfer rates.

- Casings shall be constructed of continuous galvanized steel. Coil side plates shall be of reinforced flange type. Coils shall have equal pressure drop through all circuits. Coils shall be circuited for counter flow heat transfer to provide maximum heat transfer rates.
- Headers on coils shall be seamless copper tubing. The headers shall have intruded tube holes to provide a large brazing surface for maximum strength and inherent flexibility. Supply and return connections on water coils shall be steel with male pipe threads. DX coils shall have copper sweat connections.
- The complete coil core shall be tested with 315 psig air pressure under warm water and be suitable for operation at 250 psig working pressures.
- Individual tube tests and core tests before installation of headers shall not be considered satisfactory. Water cooling coils shall be circuited for drain ability. Use of internal restrictive devices to obtain turbulent flow shall not be acceptable. Vents and drains shall be furnished on all water coils. Coils shall be rated in accordance with ARI.
- Coils shall be mounted in galvanized holding racks. Water coil supply and return connections shall be extended to the unit exterior. Water coil drain and vent connections are accessible from the interior of the unit and are not extended. Cooling coils shall be mounted in an insulated pitched 304 stainless steel condensate pan.

OPTIONAL INDIRECT GAS FURNACE

The duct furnace module will be indirect fired and comply with the current edition of the ANSI Z83.8 Standard for gas-fired duct furnaces and be recognized by Intertek® Testing Services (ITS/ETL).

- The duct furnace module will employ patented inshot gas burners with integral carryovers, a tubular heat exchanger assembly, a two speed draft inducer to provide for the positive venting of flue gases, air pressure switches to provide proof of air supply for combustion, direct spark ignition of the gas burners with remote flame sensor to prove carryover across all burners, an automatic reset type high limit switch to limit maximum outlet air temperature to less than, 250˚F, manual reset flame rollout switches and a two stage redundant safety shut-off gas valve which regulates gas pressure to burner supply manifold.

- Duct furnace modules will be listed for application downstream of refrigeration and cooling systems and will provide means for removal of condensate that occurs in the tubes during cooling operation.

- Heat exchanger tubes will have the dimpled restrictors formed to provide for an unobstructed drainage path and tubes will be formed to provide a positive pitch to promote condensate drainage. Drainage will be configured so that burners and burner surfaces are not exposed to condensate.

- Duct furnace will incorporate a direct spark ignition control module which is design certified by a recognized national testing agency. The control will incorporate a 30 second minimum pre-purge period prior to trial for ignition and a 0.8 second flame failure response time. The control will provide for up to 3 ignition retrials, each preceded by an interpurge period. Control will provide for automatic reset after one hour, to initiate additional ignition trials if lockout occurs during a call for heat. The control will incorporate an LED indicator light to provide a flash code to identify the operating condition of the control and conditions preventing normal operation of the ignition system should they occur.

OPTIONAL ELECTRIC PRE-HEAT COIL

Coil shall be of the resistance coil type with elements enclosed in a steal sheath with fins and painted with a baked-on aluminum paint for long life in a 100% fresh air stream. Coil shall include thermal cutout protection and a secondary manual reset linear thermal cutout. Coil shall have magnetic safety and backup contractors, main disconnect, fusing, control circuit transformer, air flow interlock switch and SCR controller. Coil shall be UL listed and constructed in accordance with NEC requirements. Coil shall require a separate power hit. A temperature controller located in the outdoor air section of the unit shall supply the signal to the SCR controller.

OPTIONAL WRAP-AROUND HEAT PIPE

The tubes shall be ½" OD copper, of specific design for the wrap-around heat pipe application, permanently expanded onto the fin collar to form a firm, rigid, and complete pressure contact at all operating conditions. Aluminum tubes will not be allowed.

- The fin surface shall be continuous plate type of aluminum or copper fins specifically designed to produce maximum heat transfer efficiency for wrap-around heat pipe applications. Air side pressure loss shall be as given on the schedule, or otherwise specified. Fin density and the number of rows of tubes shall be specified.

- The heat pipe modules shall have an optional protective coating of E-Coating similar to Electrofin® or a phenolic coating similar to Heresite®. Coils shall be dipped and completely submerged to ensure full coverage of coating — spray coatings are not acceptable.

- Heat transfer fluid shall be classified as Safety Group A1 in ASHRAE® Standard 34-2013.

- Heat pipe capacities entering and leaving dry and wet bulb temperatures, as well as, face velocities shall be specified.

- The frame shall be a minimum of 16 guage galvanized or stainless steel.

- Each circuit shall be individually processed, charged, hermetically sealed, and tested. Interconnecting piping shall be fully enclosed to provide complete protection.

- Scheduled effectiveness or heat recovery shall be met at a minimum and total pressure drop shall not be exceeded. The resulting recovery efficiency ratio (RER), shall therefore be set as a minimum.

- The heat pipe shall be ETL® listed to UL® standard 207 and CSA C22.2.140.3

OPTIONAL UVC LIGHTS

Ultraviolet Germicidal Irradiation lamps are installed downstream side of post cooling coil as shown on GA drawings. Access door to UVGI section are interlocked with lights to shut them down when door is opened.

Refer to specification sheets for UVC lights in this submittal.

UNIT FIELD INSTALLATION

LOOSE SHIPPED ITEMS

Such as filters and outdoor air hoods may require field installation. Other project specific items such as duct sensors, duct mounted air flow stations, and other items to be installed outside the unit will be boxed and tagged and shipped with the unit for field installation.

PACKING LIST & IOM MANUAL

Are included with the shipment and should be referenced before installation.

SOLE & EXCLUSIVE WARRANTY

FläktGroup SEMCO warrants to the buyer, that for a period of 18 months from the date of shipment by FläktGroup SEMCO the goods to be delivered to buyer will in all material respects be free from defects in material and workmanship when used in a proper and normal manner. Should any failure to conform to the above appear within eighteen months after the date of shipment by FläktGroup SEMCO (the "Limited Warranty Period"), FläktGroup SEMCO agrees upon prompt notification thereof during the Limited Warranty Period and confirmation to FläktGroup SEMCO's satisfaction that the goods have been stored, installed, operated, and maintained properly in accordance with standard industry practice, to correct the non-conformity at FläktGroup SEMCO's option either by repairing any defective part or parts by making available at FläktGroup SEMCO's plant a repaired or replacement part.

INSTALLED EQUIPMENT

FläktGroup SEMCO reserves the right to substitute installed components (i.e. fans, coils) that meet or exceed performance and construction as submitted. In the event of substitution, a final record copy submittal will incorporate all changes as built. Customers requests for specific component manufacturers may incur additional costs and impact delivery dates.

ELITEPRO AHU EQUIPMENT SUMMARY

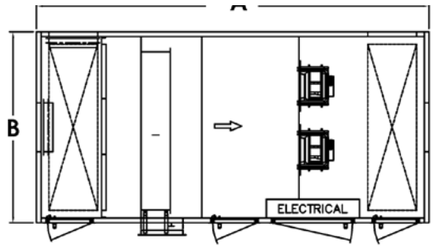
MODEL SIZE	AHU/MAU/ECZ-020	AHU/MAU/ECZ-030	AHU/MAU/ECZ-050	AHU/MAU/ECZ-075	AHU/MAU/ECZ-100	AHU/MAU/ECZ-125
OVERALL WIDTH (INCHES)	44.00	59.00	46.00	58.00	58.00	70.00
OVERALL HEIGHT (INCHES)	39.80	39.80	64.80	69.80	85.80	85.80
OVERALL HEIGHT WITH ROOF (INCHES)	43.05	43.05	68.05	73.05	89.05	89.05
LENGTH (INCHES)	VARIES BASED ON COMPONENTS SELECTED	VARIES BASED ON COMPONENTS SELECTED	VARIES BASED ON COMPONENTS SELECTED	VARIES BASED ON COMPONENTS SELECTED	VARIES BASED ON COMPONENTS SELECTED	VARIES BASED ON COMPONENTS SELECTED
DESIGN AIRFLOW — MAX. CFM	2,000	3,000	5,000	7,500	10,000	12,500
PRE-FILTER						
2" OR 4" MERV 8	(1) 24x24x2 **OR** (1) 24x24x4	(2) 24x24x2 **OR** (2) 24x24x4	(4) 20x24x2 **OR** (4) 20x24x4	(4) 24x24x2 **OR** (4) 24x24x4	(6) 24x24x2 **OR** (6) 24x24x4	(9) 20x24x2 **OR** (9) 20x24x4
12" MERV 8	(1) 24x24x12	(2) 24x24x12	(4) 20x24x12	(4) 24x24x12	(6) 24x24x12	(9) 20x24x12
FINAL FILTER						
12" MERV 13, 14, OR 15	(1) 24x24x12	(2) 24x24x12	(4) 20x24x12	(4) 24x24x12	(6) 24x24x12	(9) 20x24x12

MODEL SIZE	AHU/MAU/ECZ-150	AHU/MAU/ECZ-175	AHU/MAU/ECZ-200	AHU/MAU/ECZ-225	AHU/MAU/ECZ-250
OVERALL WIDTH (INCHES)	82.00	82.00	94.00	94.00	94.00
OVERALL HEIGHT (INCHES)	85.80	94.80	91.80	100.80	109.80
OVERALL HEIGHT WITH ROOF (INCHES)	89.05	98.05	95.05	104.05	113.05
LENGTH (INCHES)	VARIES BASED ON COMPONENTS SELECTED	VARIES BASED ON COMPONENTS SELECTED	VARIES BASED ON COMPONENTS SELECTED	VARIES BASED ON COMPONENTS SELECTED	VARIES BASED ON COMPONENTS SELECTED
DESIGN AIRFLOW — MAX. CFM	15,000	17,500	20,000	22,000	25,000
PRE-FILTER					
2" OR 4" MERV 8	(9) 24x24x2 **OR** (9) 24x24x4	(12) 20x24x2 **OR** (12) 20x24x4	(12) 20x20x2 (4) 20x24x2 **OR** (12) 20x20x4 (4) 20x24x4	(9) 20x20x2 (6) 20x24x2 (1) 24x24x2 **OR** (9) 20x20x4 (6) 20x24x4 (1) 24x24x4	(12) 20x24x2 (4) 24x24x2 **OR** (12) 20x24x4 (4) 24x24x4
12" MERV 8	(9) 24x24x12	(12) 20x24x12	(12) 20x20x12 (4) 20x24x12	(9) 20x20x12 (6) 20x24x12 (1) 24x24x12	(12) 20x24x12 (4) 24x24x12
FINAL FILTER					
12" MERV 13, 14, OR 15	(9) 24x24x12	(12) 20x24x12	(9) 20x20x12 (7) 20x24x12	(9) 20x20x12 (6) 20x24x12 (1) 24x24x12	(12) 20x24x12 (4) 24x24x12

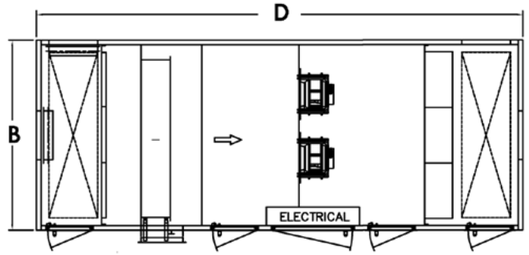
DIMENSIONAL DRAWINGS

DIMENSIONAL DATA — AHU/MAU-C — INDOOR UNITS

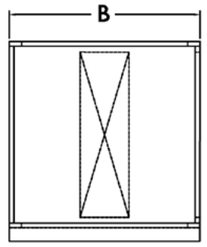
AHU, MIXING SECTION & MAKE UP AIR UNITS



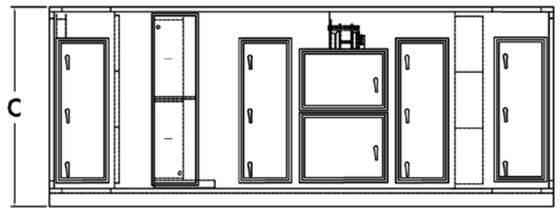
PLAN VIEW
AHU/MAU-C



PLAN VIEW
AHU/MAU - C - FF



INDOOR END ELEVATION



SIDE ELEVATION
AHU/MAU - C - FF

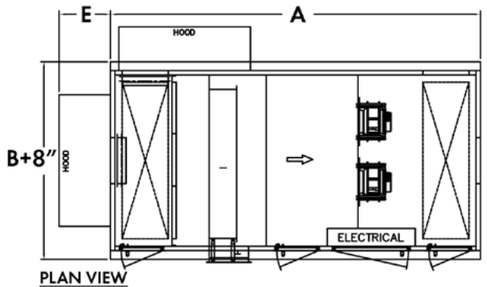
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-C	168.8	44.0	39.8	209.2	24.0
AHU/MAU-030-C	168.8	59.0	39.8	209.2	24.0
AHU/MAU-050-C	168.8	46.0	64.8	209.2	24.0
AHU/MAU-075-C	168.8	58.0	69.8	209.2	24.0
AHU/MAU-100-C	168.8	58.0	85.8	209.2	24.0
AHU/MAU-125-C	168.8	70.0	85.8	209.2	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-C	168.8	82.0	85.8	209.2	24.0
AHU/MAU-175-C	174.8	82.0	94.8	215.2	24.0
AHU/MAU-200-C	186.8	94.0	91.8	227.2	24.0
AHU/MAU-225-C	198.8	94.0	100.8	239.2	24.0
AHU/MAU-250-C	198.8	94.0	109.8	239.2	24.0

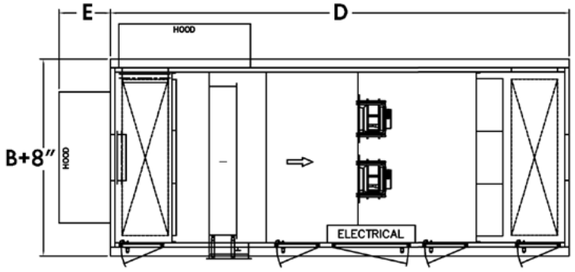
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-C — OUTDOOR UNITS

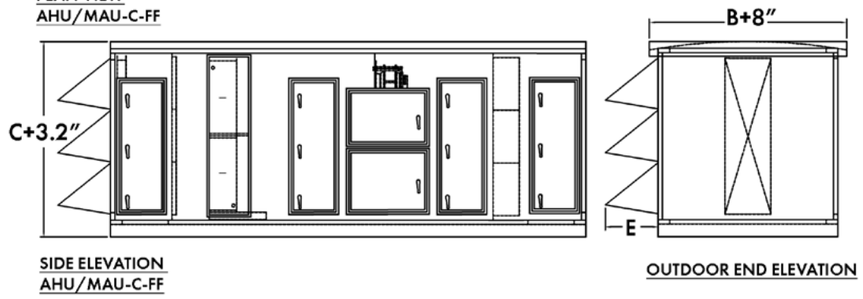
AHU, MIXING SECTION & MAKE UP AIR UNITS



PLAN VIEW
AHU/MAU-C



PLAN VIEW
AHU/MAU-C-FF



SIDE ELEVATION
AHU/MAU-C-FF

OUTDOOR END ELEVATION

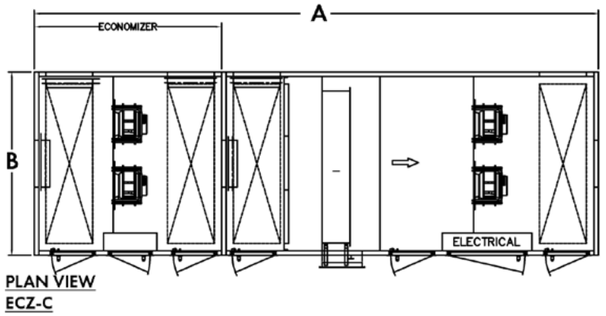
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-C	168.8	44.0	39.8	209.2	24.0
AHU/MAU-030-C	168.8	59.0	39.8	209.2	24.0
AHU/MAU-050-C	168.8	46.0	64.8	209.2	24.0
AHU/MAU-075-C	168.8	58.0	69.8	209.2	24.0
AHU/MAU-100-C	168.8	58.0	85.8	209.2	24.0
AHU/MAU-125-C	168.8	70.0	85.8	209.2	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-C	168.8	82.0	85.8	209.2	24.0
AHU/MAU-175-C	174.8	82.0	94.8	215.2	24.0
AHU/MAU-200-C	186.8	94.0	91.8	227.2	24.0
AHU/MAU-225-C	198.8	94.0	100.8	239.2	24.0
AHU/MAU-250-C	198.8	94.0	109.8	239.2	24.0

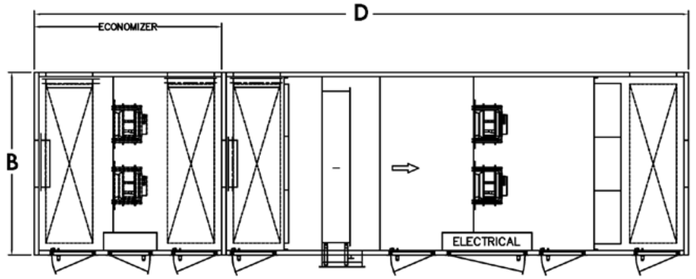
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-C — INDOOR UNITS

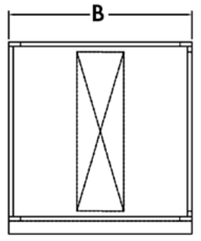
AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER



PLAN VIEW
ECZ-C



PLAN VIEW
ECZ-C-FF



INDOOR END ELEVATION

SIDE ELEVATION
ECZ-C-FF

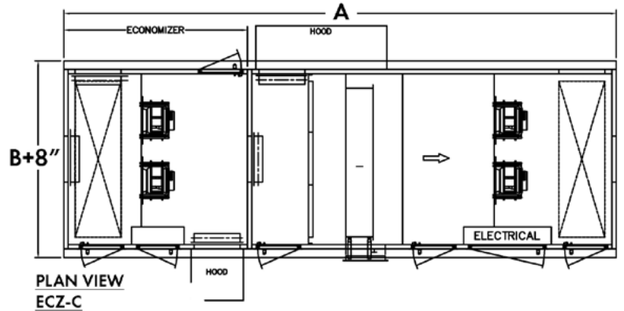
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-C	252.8	44.0	39.8	293.2	24.0
ECZ-030-C	252.8	59.0	39.8	293.2	24.0
ECZ-050-C	252.8	46.0	64.8	293.2	24.0
ECZ-075-C	252.8	58.0	85.8	293.2	24.0
ECZ-100-C	252.8	58.0	85.8	293.2	24.0
ECZ-125-C	252.8	70.0	85.8	293.2	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-C	252.8	82.0	85.8	293.2	24.0
ECZ-175-C	263.7	82.0	94.8	304.1	24.0
ECZ-200-C	287.7	94.0	91.8	328.1	24.0
ECZ-225-C	311.7	94.0	100.8	352.1	24.0
ECZ-250-C	311.7	94.0	109.8	352.1	24.0

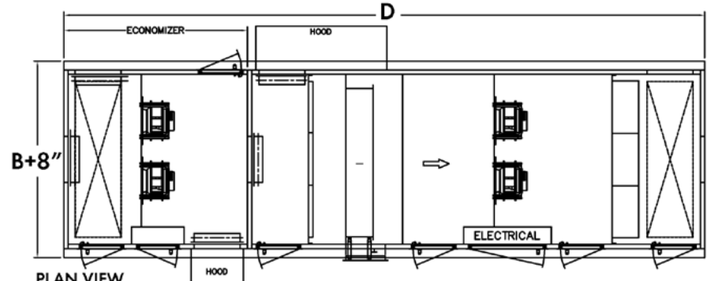
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-C — OUTDOOR UNITS

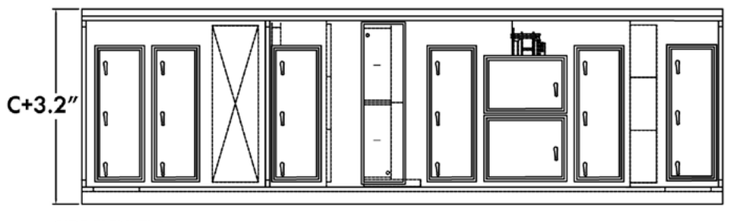
AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER



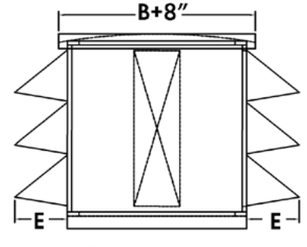
PLAN VIEW
ECZ-C



PLAN VIEW
ECZ-C-FF



SIDE ELEVATION
ECZ-C-FF



OUTDOOR END ELEVATION

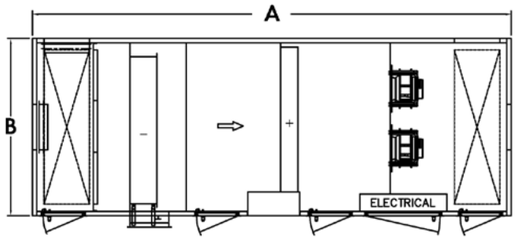
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-C	252.8	44.0	39.8	293.2	24.0
ECZ-030-C	252.8	59.0	39.8	293.2	24.0
ECZ-050-C	252.8	46.0	64.8	293.2	24.0
ECZ-075-C	252.8	58.0	85.8	293.2	24.0
ECZ-100-C	252.8	58.0	85.8	293.2	24.0
ECZ-125-C	252.8	70.0	85.8	293.2	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-C	252.8	82.0	85.8	293.2	24.0
ECZ-175-C	263.7	82.0	94.8	304.1	24.0
ECZ-200-C	287.7	94.0	91.8	328.1	24.0
ECZ-225-C	311.7	94.0	100.8	352.1	24.0
ECZ-250-C	311.7	94.0	109.8	352.1	24.0

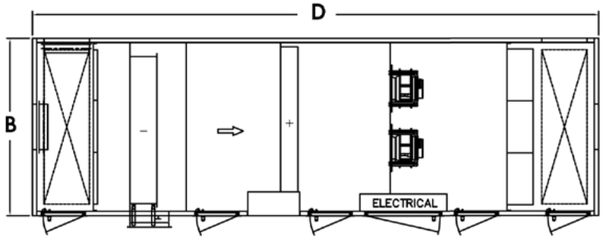
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-CEH — INDOOR UNITS

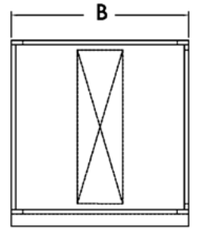
AHU, MIXING SECTION & MAKE UP AIR UNITS



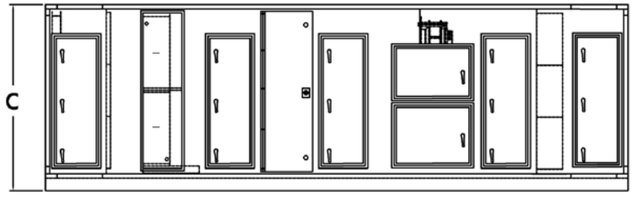
PLAN VIEW
AHU/MAU-CEH



PLAN VIEW
AHU/MAU-CEH-FF



INDOOR END ELEVATION



SIDE ELEVATION
AHU/MAU-CEH-FF

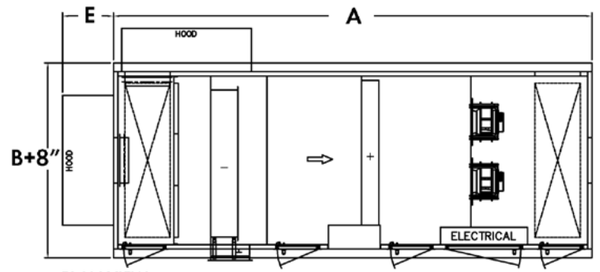
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-CEH	221.2	44.0	39.8	261.6	24.0
AHU/MAU-030-CEH	221.2	59.0	39.8	261.6	24.0
AHU/MAU-050-CEH	221.2	46.0	64.8	261.6	24.0
AHU/MAU-075-CEH	221.2	58.0	69.8	261.6	24.0
AHU/MAU-100-CEH	221.2	58.0	85.8	261.6	24.0
AHU/MAU-125-CEH	221.2	70.0	85.8	261.6	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-CEH	221.2	82.0	85.8	261.6	24.0
AHU/MAU-175-CEH	227.2	82.0	94.8	267.6	24.0
AHU/MAU-200-CEH	239.2	94.0	91.8	279.6	24.0
AHU/MAU-225-CEH	251.2	94.0	100.8	291.6	24.0
AHU/MAU-250-CEH	251.2	94.0	109.8	291.6	24.0

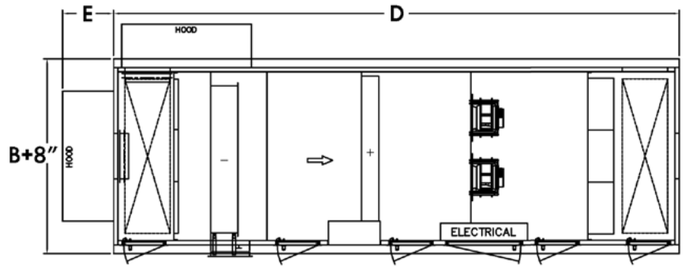
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-CEH — OUTDOOR UNITS

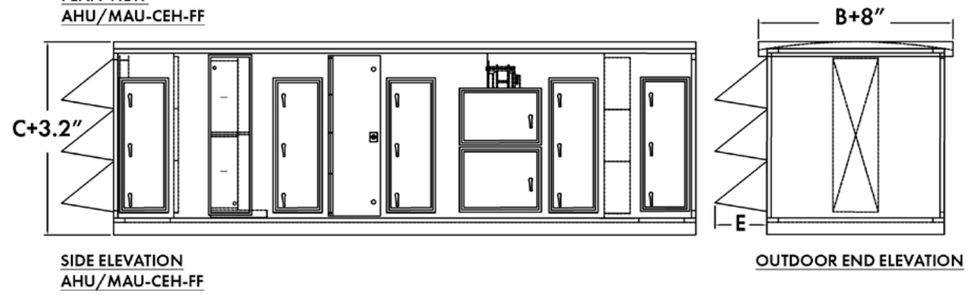
AHU, MIXING SECTION & MAKE UP AIR UNITS



PLAN VIEW
AHU/MAU-CEH



PLAN VIEW
AHU/MAU-CEH-FF



SIDE ELEVATION
AHU/MAU-CEH-FF

OUTDOOR END ELEVATION

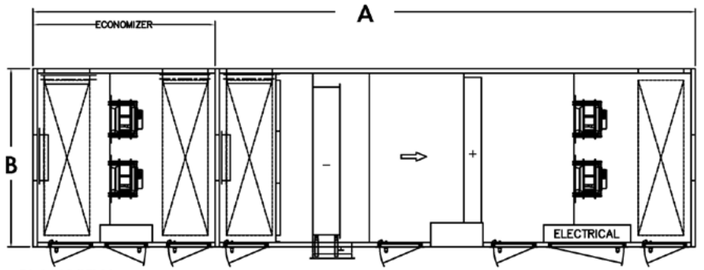
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-CEH	221.2	44.0	39.8	261.6	24.0
AHU/MAU-030-CEH	221.2	59.0	39.8	261.6	24.0
AHU/MAU-050-CEH	221.2	46.0	64.8	261.6	24.0
AHU/MAU-075-CEH	221.2	58.0	69.8	261.6	24.0
AHU/MAU-100-CEH	221.2	58.0	85.8	261.6	24.0
AHU/MAU-125-CEH	221.2	70.0	85.8	261.6	24.0

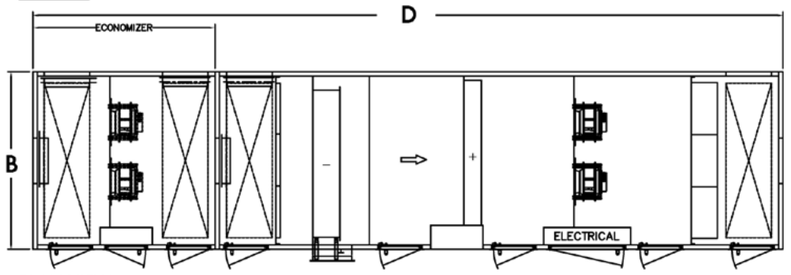
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-CEH	221.2	82.0	85.8	261.6	24.0
AHU/MAU-175-CEH	227.2	82.0	94.8	267.6	24.0
AHU/MAU-200-CEH	239.2	94.0	91.8	279.6	24.0
AHU/MAU-225-CEH	251.2	94.0	100.8	291.6	24.0
AHU/MAU-250-CEH	251.2	94.0	109.8	291.6	24.0

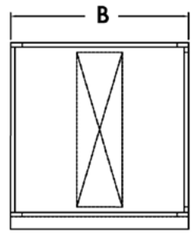
Click here for service clearance dimensions
Click here for unit weights

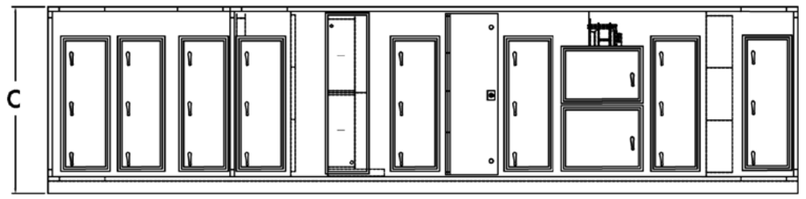
DIMENSIONAL DATA — ECZ-CEH — INDOOR UNITS

AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER









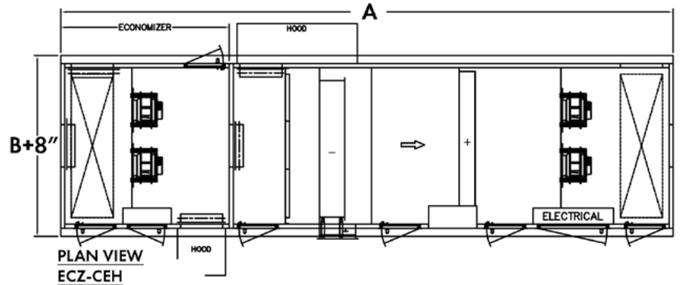
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-CEH	305.2	44.0	39.8	345.6	24.0
ECZ-030-CEH	305.2	59.0	39.8	345.6	24.0
ECZ-050-CEH	305.2	46.0	64.8	345.6	24.0
ECZ-075-CEH	305.2	58.0	69.8	345.6	24.0
ECZ-100-CEH	305.2	58.0	85.8	345.6	24.0
ECZ-125-CEH	305.2	70.0	85.8	345.6	24.0

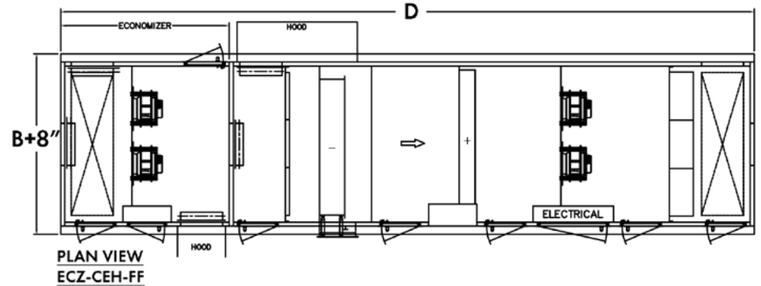
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-CEH	305.2	82.0	85.8	345.6	24.0
ECZ-175-CEH	316.1	82.0	94.8	356.5	24.0
ECZ-200-CEH	340.1	94.0	91.8	380.5	24.0
ECZ-225-CEH	364.1	94.0	100.8	404.5	24.0
ECZ-250-CEH	364.1	94.0	100.8	404.5	24.0

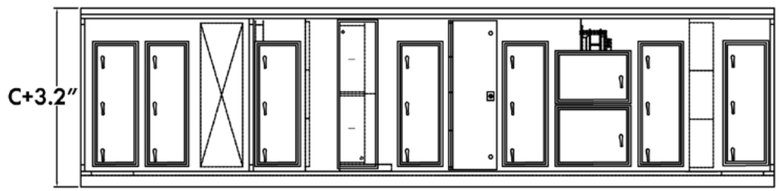
Click here for service clearance dimensions
Click here for unit weights

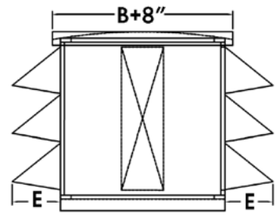
DIMENSIONAL DATA — ECZ-CEH — OUTDOOR UNITS

AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER









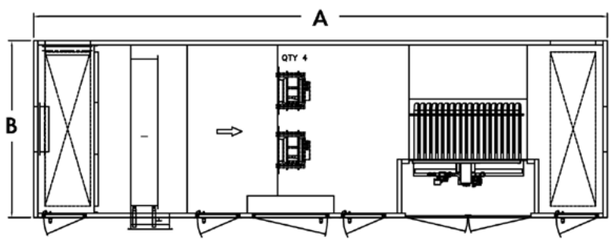
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-CEH	305.2	44.0	39.8	345.6	24.0
ECZ-030-CEH	305.2	59.0	39.8	345.6	24.0
ECZ-050-CEH	305.2	46.0	64.8	345.6	24.0
ECZ-075-CEH	305.2	58.0	69.8	345.6	24.0
ECZ-100-CEH	305.2	58.0	85.8	345.6	24.0
ECZ-125-CEH	305.2	70.0	85.8	345.6	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-CEH	305.2	82.0	85.8	345.6	24.0
ECZ-175-CEH	316.1	82.0	94.8	356.5	24.0
ECZ-200-CEH	340.1	94.0	91.8	380.5	24.0
ECZ-225-CEH	364.1	94.0	100.8	404.5	24.0
ECZ-250-CEH	364.1	94.0	100.8	404.5	24.0

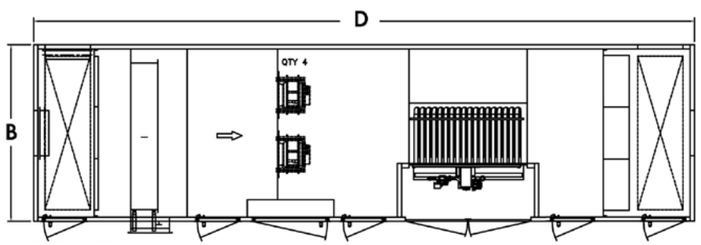
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-CGB — INDOOR UNITS

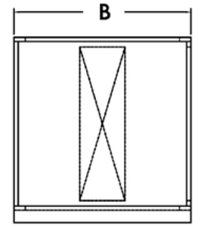
AHU, MIXING SECTION & MAKE UP AIR UNITS



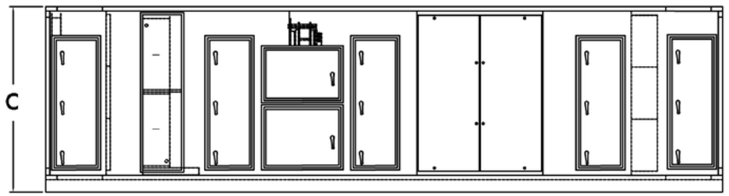
PLAN VIEW
AHU/MAU-CGB



PLAN VIEW
AHU/MAU-CGB-FF



INDOOR END ELEVATION



SIDE ELEVATION
AHU/MAU-CGB-FF

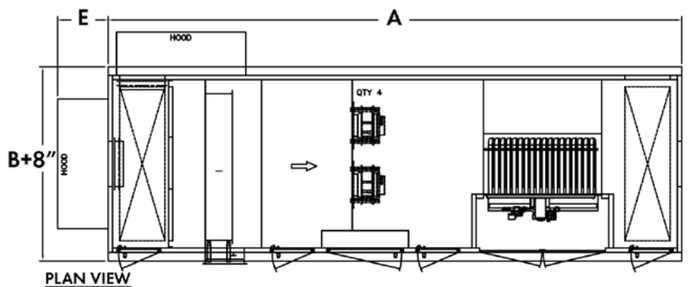
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-CGB	240.3	44.0	39.8	280.7	24.0
AHU/MAU-030-CGB	244.7	59.0	39.8	285.1	24.0
AHU/MAU-050-CGB	266.7	76.0	64.8	307.1	24.0
AHU/MAU-075-CGB	257.5	58.0	69.8	297.9	24.0
AHU/MAU-100-CGB	265.7	58.0	85.8	306.1	24.0
AHU/MAU-125-CGB	255.9	70.0	85.8	296.3	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-CGB	265.7	82.0	85.8	306.1	24.0
AHU/MAU-175-CGB	271.7	82.0	94.8	312.1	24.0
AHU/MAU-200-CGB	281.3	94.0	91.8	321.7	24.0
AHU/MAU-225-CGB	293.3	94.0	100.8	333.7	24.0
AHU/MAU-250-CGB	293.3	94.0	109.8	333.7	24.0

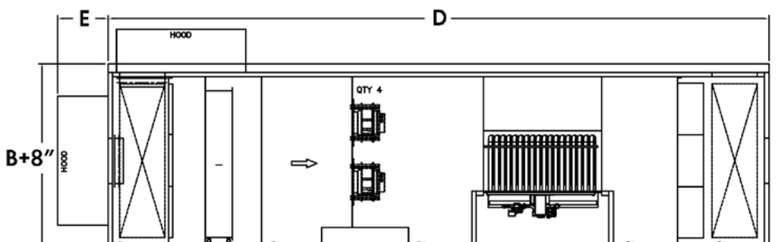
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-CGB — OUTDOOR UNITS

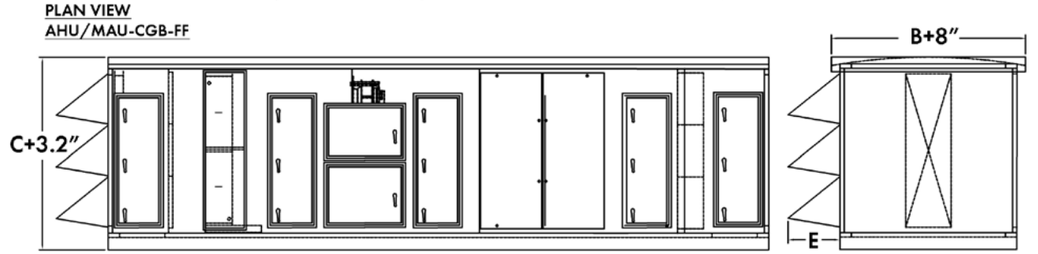
AHU, MIXING SECTION & MAKE UP AIR UNITS



PLAN VIEW
AHU/MAU-CGB



PLAN VIEW
AHU/MAU-CGB-FF



SIDE ELEVATION
AHU/MAU-CGB-FF

OUTDOOR END ELEVATION

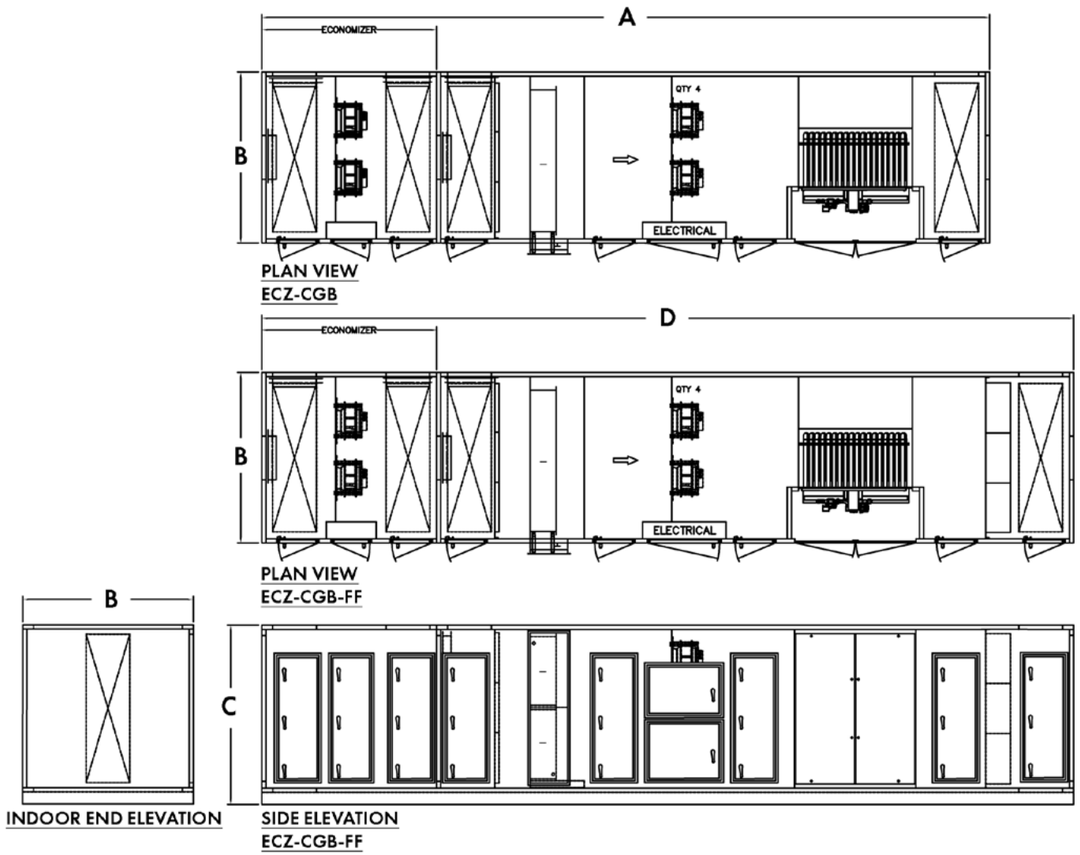
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-CGB	240.3	44.0	39.8	280.7	24.0
AHU/MAU-030-CGB	244.7	59.0	39.8	285.1	24.0
AHU/MAU-050-CGB	266.7	76.0	64.8	307.1	24.0
AHU/MAU-075-CGB	257.5	58.0	69.8	297.9	24.0
AHU/MAU-100-CGB	265.7	58.0	85.8	306.1	24.0
AHU/MAU-125-CGB	255.9	70.0	85.8	296.3	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-CGB	265.7	82.0	85.8	306.1	24.0
AHU/MAU-175-CGB	271.7	82.0	94.8	312.1	24.0
AHU/MAU-200-CGB	281.3	94.0	91.8	321.7	24.0
AHU/MAU-225-CGB	293.3	94.0	100.8	333.7	24.0
AHU/MAU-250-CGB	293.3	94.0	109.8	333.7	24.0

Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-CGB — INDOOR UNITS

AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER



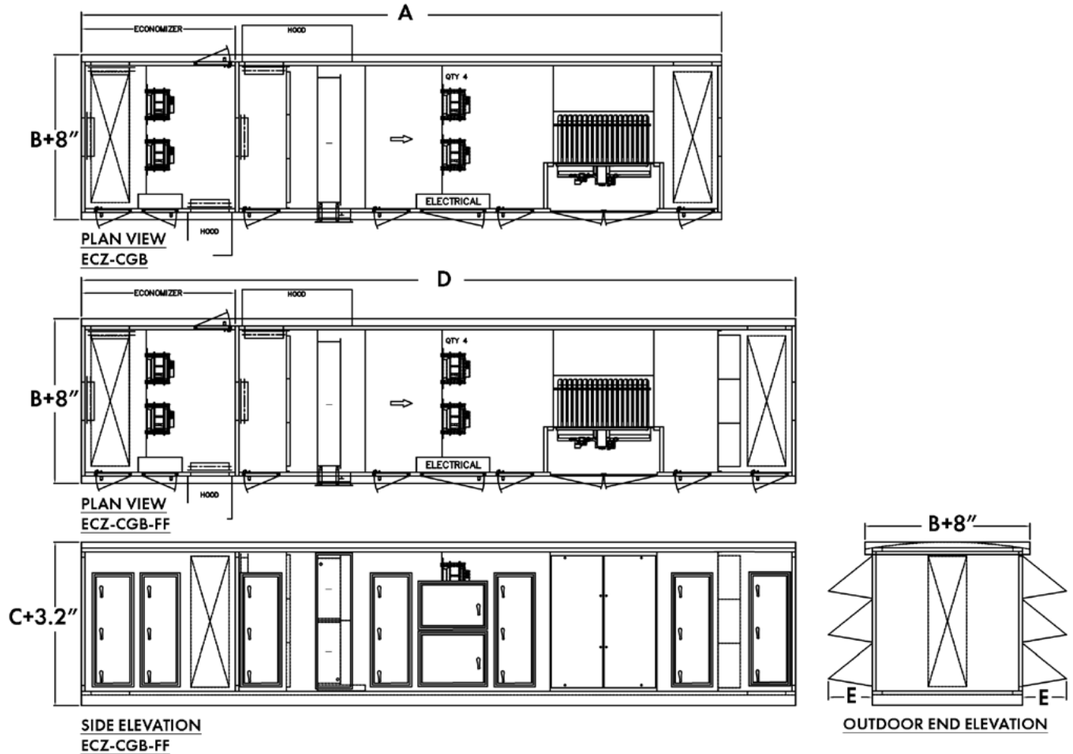
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-CGB	324.3	44.0	39.8	364.7	24.0
ECZ-030-CGB	328.7	59.0	39.8	369.1	24.0
ECZ-050-CGB	350.7	46.0	64.8	391.1	24.0
ECZ-075-CGB	341.5	58.0	69.8	381.9	24.0
ECZ-100-CGB	349.7	58.0	85.8	390.1	24.0
ECZ-125-CGB	339.9	70.0	85.8	380.3	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-CGB	349.7	82.0	85.8	390.1	24.0
ECZ-175-CGB	360.6	82.0	94.8	401.0	24.0
ECZ-200-CGB	382.2	94.0	91.8	422.6	24.0
ECZ-225-CGB	406.2	94.0	100.8	446.6	24.0
ECZ-250-CGB	406.2	94.0	109.8	446.6	24.0

Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-CGB — OUTDOOR UNITS

AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER



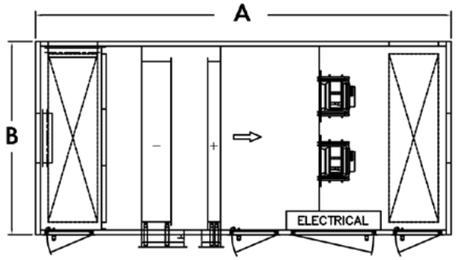
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-CGB	324.3	44.0	39.8	364.7	24.0
ECZ-030-CGB	328.7	59.0	39.8	369.1	24.0
ECZ-050-CGB	350.7	46.0	64.8	391.1	24.0
ECZ-075-CGB	341.5	58.0	69.8	381.9	24.0
ECZ-100-CGB	349.7	58.0	85.8	390.1	24.0
ECZ-125-CGB	339.9	70.0	85.8	380.3	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-CGB	349.7	82.0	85.8	390.1	24.0
ECZ-175-CGB	360.6	82.0	94.8	401.0	24.0
ECZ-200-CGB	382.2	94.0	91.8	422.6	24.0
ECZ-225-CGB	406.2	94.0	100.8	446.6	24.0
ECZ-250-CGB	406.2	94.0	109.8	446.6	24.0

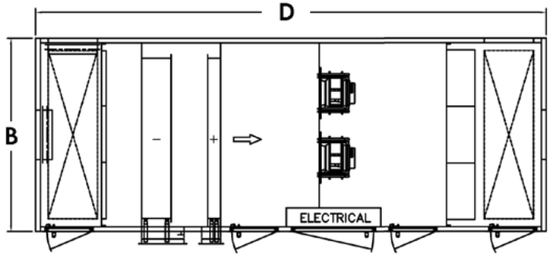
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-CH — INDOOR UNITS

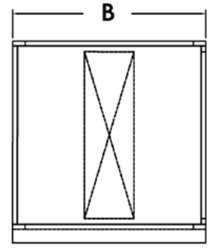
AHU, MIXING SECTION & MAKE UP AIR UNITS



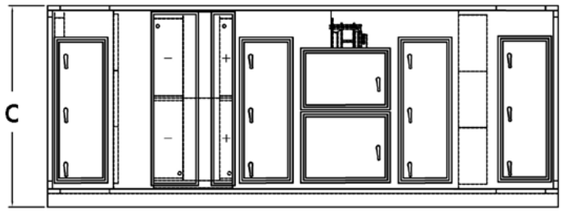
PLAN VIEW
AHU/MAU-CH



PLAN VIEW
AHU/MAU-CH-FF



INDOOR END ELEVATION



SIDE ELEVATION
AHU/MAU-CH-FF

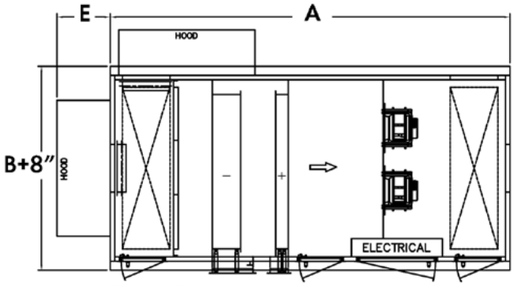
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-CH	176.3	44.0	39.8	216.7	24.0
AHU/MAU-030-CH	176.3	59.0	39.8	216.7	24.0
AHU/MAU-050-CH	176.3	46.0	64.8	216.7	24.0
AHU/MAU-075-CH	176.3	58.0	69.8	216.7	24.0
AHU/MAU-100-CH	176.3	58.0	85.8	216.7	24.0
AHU/MAU-125-CH	176.3	70.0	85.8	216.7	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-CH	176.3	82.0	85.8	216.7	24.0
AHU/MAU-175-CH	182.3	82.0	94.8	222.7	24.0
AHU/MAU-200-CH	194.3	94.0	91.8	234.7	24.0
AHU/MAU-225-CH	206.3	94.0	100.8	246.7	24.0
AHU/MAU-250-CH	206.3	94.0	109.8	246.7	24.0

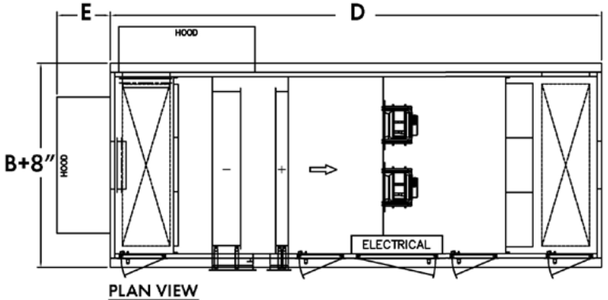
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-CH — OUTDOOR UNITS

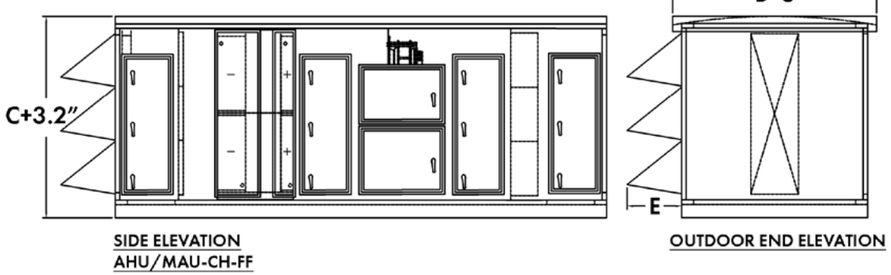
AHU, MIXING SECTION & MAKE UP AIR UNITS



PLAN VIEW
AHU/MAU-CH



PLAN VIEW
AHU/MAU-CH-FF



SIDE ELEVATION
AHU/MAU-CH-FF

OUTDOOR END ELEVATION

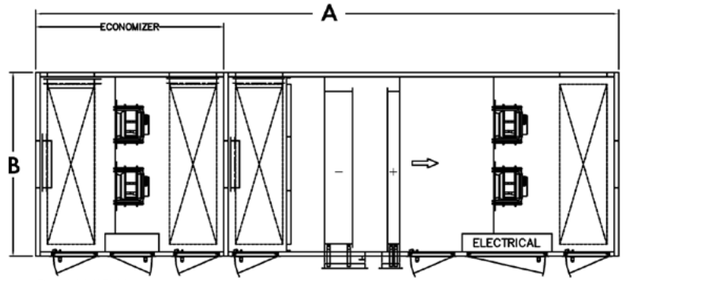
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-CH	176.3	44.0	39.8	216.7	24.0
AHU/MAU-030-CH	176.3	59.0	39.8	216.7	24.0
AHU/MAU-050-CH	176.3	46.0	64.8	216.7	24.0
AHU/MAU-075-CH	176.3	58.0	69.8	216.7	24.0
AHU/MAU-100-CH	176.3	58.0	85.8	216.7	24.0
AHU/MAU-125-CH	176.3	70.0	85.8	216.7	24.0

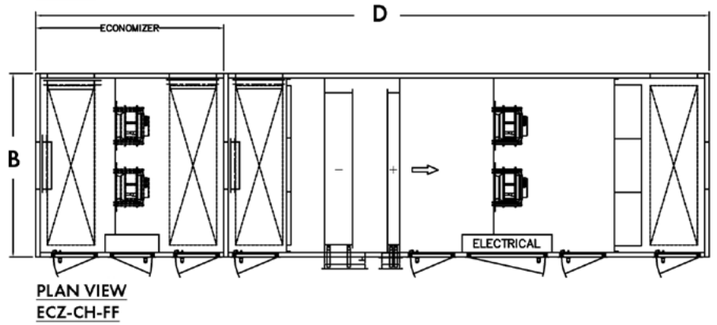
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-CH	176.3	82.0	85.8	216.7	24.0
AHU/MAU-175-CH	182.3	82.0	94.8	222.7	24.0
AHU/MAU-200-CH	194.3	94.0	91.8	234.7	24.0
AHU/MAU-225-CH	206.3	94.0	100.8	246.7	24.0
AHU/MAU-250-CH	206.3	94.0	109.8	246.7	24.0

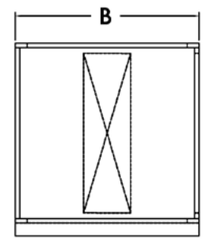
Click here for service clearance dimensions
Click here for unit weights

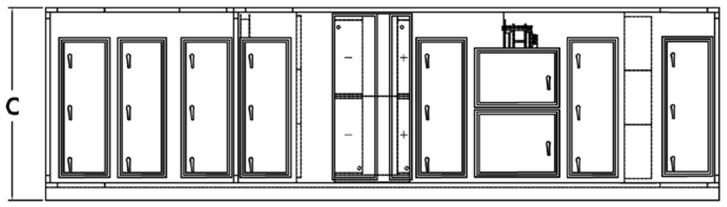
DIMENSIONAL DATA — ECZ-CH — INDOOR UNITS

AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER









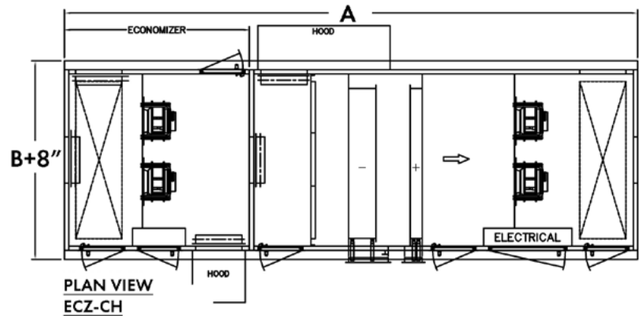
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-CH	260.3	44.0	39.8	300.7	24.0
ECZ-030-CH	260.3	59.0	39.8	300.7	24.0
ECZ-050-CH	260.3	46.0	64.8	300.7	24.0
ECZ-075-CH	260.3	58.0	69.8	300.7	24.0
ECZ-100-CH	260.3	58.0	85.8	300.7	24.0
ECZ-125-CH	260.3	70.0	85.8	300.7	24.0

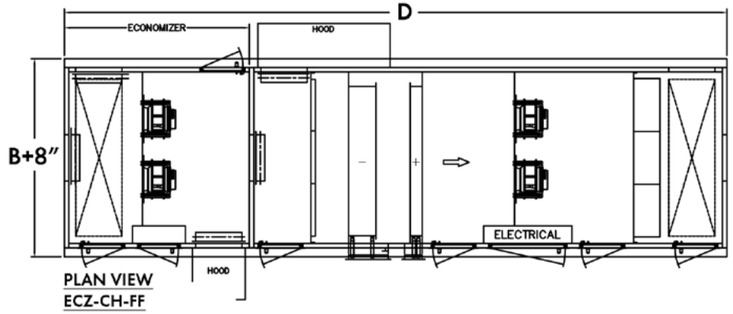
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-CH	260.3	82.0	85.8	300.7	24.0
ECZ-175-CH	271.2	82.0	94.8	311.6	24.0
ECZ-200-CH	295.2	94.0	91.8	335.6	24.0
ECZ-225-CH	319.2	94.0	100.8	359.6	24.0
ECZ-250-CH	319.2	94.0	109.8	359.6	24.0

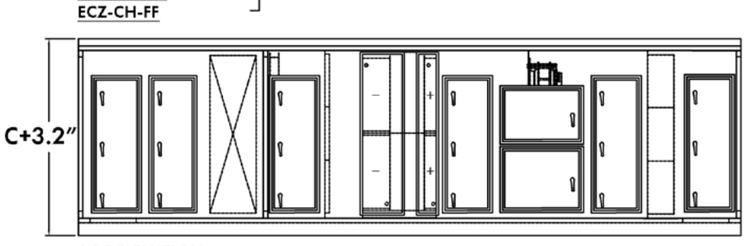
Click here for service clearance dimensions
Click here for unit weights

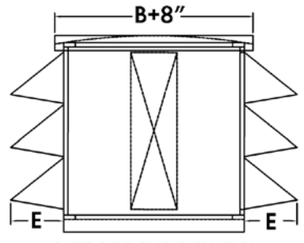
DIMENSIONAL DATA — ECZ-CH — OUTDOOR UNITS

AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER









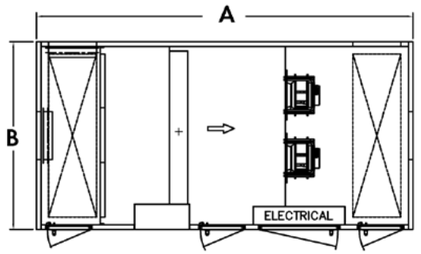
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-CH	260.3	44.0	39.8	300.7	24.0
ECZ-030-CH	260.3	59.0	39.8	300.7	24.0
ECZ-050-CH	260.3	46.0	64.8	300.7	24.0
ECZ-075-CH	260.3	58.0	69.8	300.7	24.0
ECZ-100-CH	260.3	58.0	85.8	300.7	24.0
ECZ-125-CH	260.3	70.0	85.8	300.7	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-CH	260.3	82.0	85.8	300.7	24.0
ECZ-175-CH	271.2	82.0	94.8	311.6	24.0
ECZ-200-CH	295.2	94.0	91.8	335.6	24.0
ECZ-225-CH	319.2	94.0	100.8	359.6	24.0
ECZ-250-CH	319.2	94.0	109.8	359.6	24.0

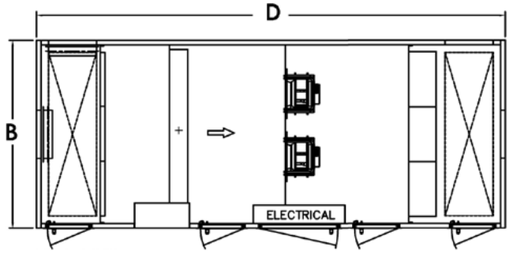
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-EH — INDOOR UNITS

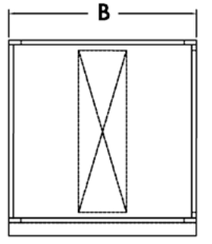
AHU, MIXING SECTION & MAKE UP AIR UNITS



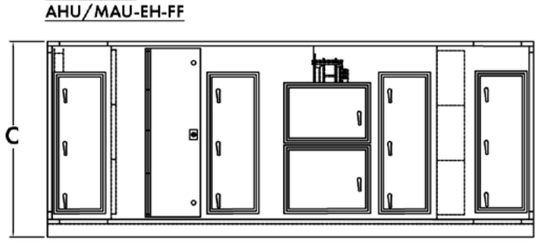
PLAN VIEW
AHU/MAU-EH



PLAN VIEW
AHU/MAU-EH-FF



INDOOR END ELEVATION



SIDE ELEVATION
AHU/MAU-EH-FF

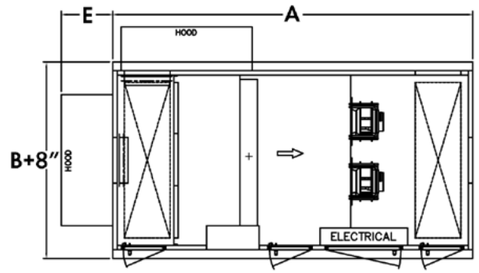
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-EH	164.8	44.0	39.8	205.2	24.0
AHU/MAU-030-EH	164.8	59.0	39.8	205.2	24.0
AHU/MAU-050-EH	164.8	46.0	64.8	205.2	24.0
AHU/MAU-075-EH	164.8	58.0	69.8	205.2	24.0
AHU/MAU-100-EH	164.8	58.0	85.8	205.2	24.0
AHU/MAU-125-EH	164.8	70.0	85.8	205.2	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-EH	164.8	82.0	85.8	205.2	24.0
AHU/MAU-175-EH	170.8	82.0	94.8	211.2	24.0
AHU/MAU-200-EH	182.8	94.0	91.8	223.2	24.0
AHU/MAU-225-EH	194.8	94.0	100.8	235.2	24.0
AHU/MAU-250-EH	194.8	94.0	109.8	235.2	24.0

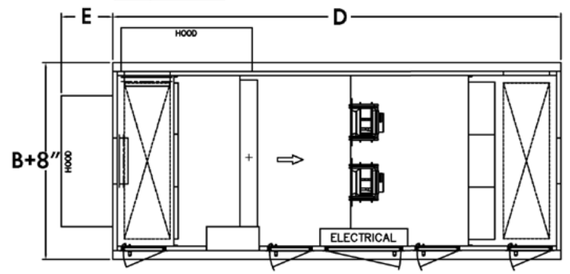
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-EH — OUTDOOR UNITS

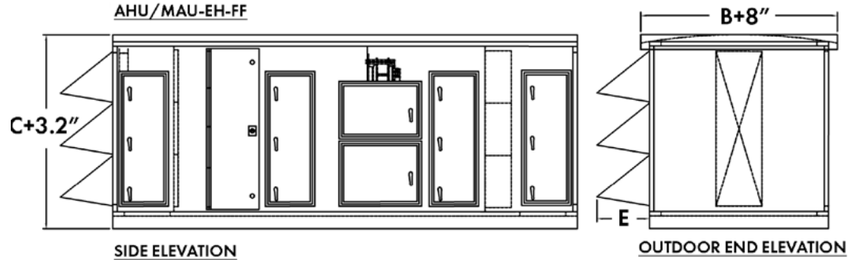
AHU, MIXING SECTION & MAKE UP AIR UNITS



PLAN VIEW
AHU/MAU-EH



PLAN VIEW
AHU/MAU-EH-FF



SIDE ELEVATION
AHU/MAU-EH-FF

OUTDOOR END ELEVATION

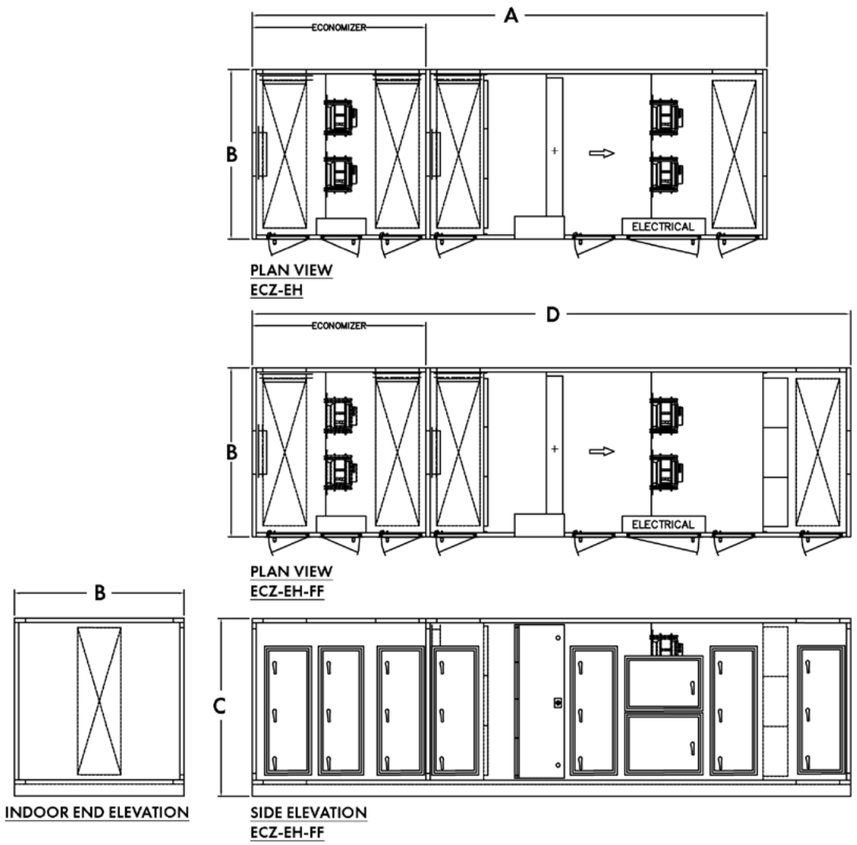
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-EH	164.8	44.0	39.8	205.2	24.0
AHU/MAU-030-EH	164.8	59.0	39.8	205.2	24.0
AHU/MAU-050-EH	164.8	46.0	64.8	205.2	24.0
AHU/MAU-075-EH	164.8	58.0	69.8	205.2	24.0
AHU/MAU-100-EH	164.8	58.0	85.8	205.2	24.0
AHU/MAU-125-EH	164.8	70.0	85.8	205.2	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-EH	164.8	82.0	85.8	205.2	24.0
AHU/MAU-175-EH	170.8	82.0	94.8	211.2	24.0
AHU/MAU-200-EH	182.8	94.0	91.8	223.2	24.0
AHU/MAU-225-EH	194.8	94.0	100.8	235.2	24.0
AHU/MAU-250-EH	194.8	94.0	109.8	235.2	24.0

Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-EH — INDOOR UNITS

AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER



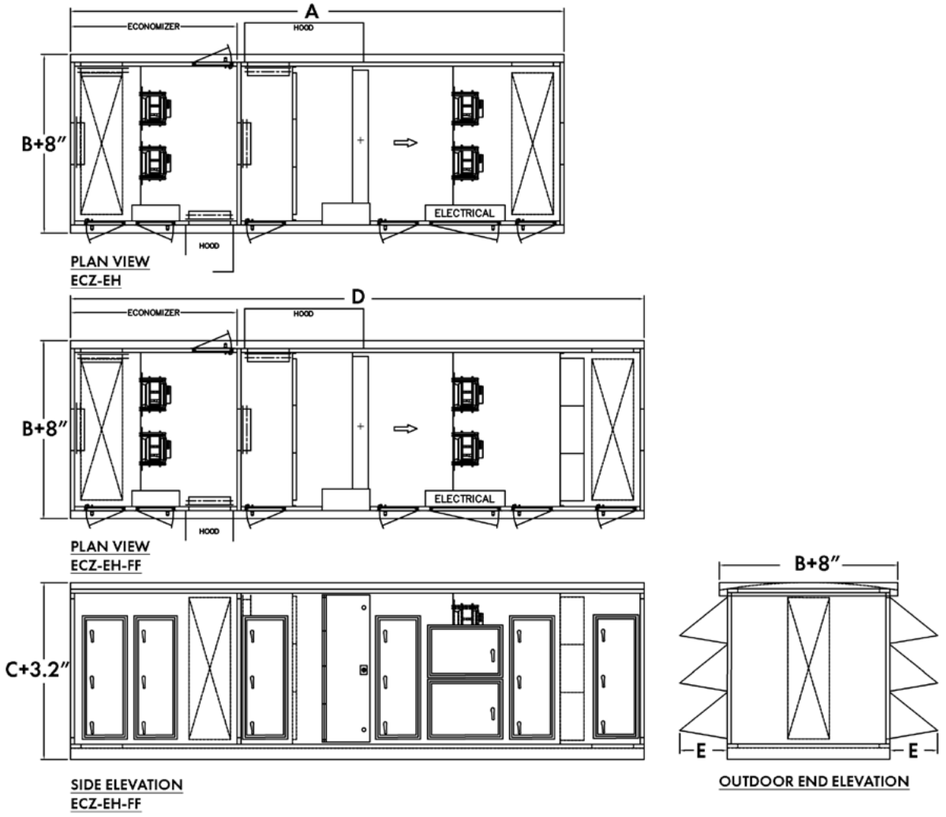
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-EH	248.8	44.0	39.8	289.2	24.0
ECZ-030-EH	248.8	59.0	39.8	289.2	24.0
ECZ-050-EH	248.8	46.0	64.8	289.2	24.0
ECZ-075-EH	248.8	58.0	69.8	289.2	24.0
ECZ-100-EH	248.8	58.0	85.8	289.2	24.0
ECZ-125-EH	248.8	70.0	85.8	289.2	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-EH	248.8	82.0	85.8	289.2	24.0
ECZ-175-EH	259.7	82.0	94.8	300.1	24.0
ECZ-200-EH	283.7	94.0	91.8	324.1	24.0
ECZ-225-EH	307.7	94.0	100.8	348.1	24.0
ECZ-250-EH	307.7	94.0	109.8	348.1	24.0

Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-EH — OUTDOOR UNITS

AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER



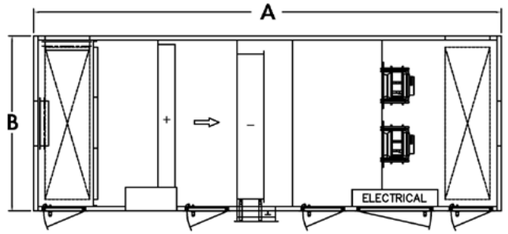
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-EH	248.8	44.0	39.8	289.2	24.0
ECZ-030-EH	248.8	59.0	39.8	289.2	24.0
ECZ-050-EH	248.8	46.0	64.8	289.2	24.0
ECZ-075-EH	248.8	58.0	69.8	289.2	24.0
ECZ-100-EH	248.8	58.0	85.8	289.2	24.0
ECZ-125-EH	248.8	70.0	85.8	289.2	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-EH	248.8	82.0	85.8	289.2	24.0
ECZ-175-EH	259.7	82.0	94.8	300.1	24.0
ECZ-200-EH	283.7	94.0	91.8	324.1	24.0
ECZ-225-EH	307.7	94.0	100.8	348.1	24.0
ECZ-250-EH	307.7	94.0	109.8	348.1	24.0

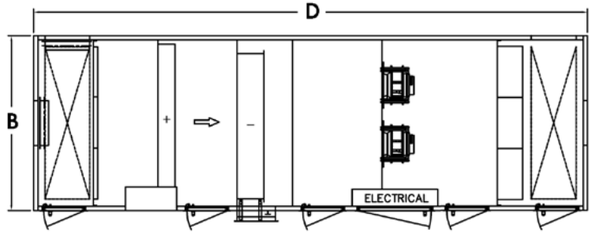
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-EHC — INDOOR UNITS

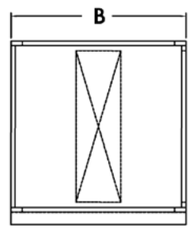
AHU, MIXING SECTION & MAKE UP AIR UNITS



PLAN VIEW
AHU/MAU-EHC



PLAN VIEW
AHU/MAU-EHC-FF



INDOOR END ELEVATION

SIDE ELEVATION
AHU/MAU-EHC-FF

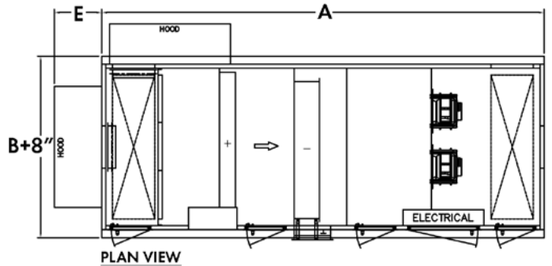
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-EHC	219.2	44.0	39.8	259.6	24.0
AHU/MAU-030-EHC	219.2	59.0	39.8	259.6	24.0
AHU/MAU-050-EHC	219.2	46.0	64.8	259.6	24.0
AHU/MAU-075-EHC	219.2	58.0	69.8	259.6	24.0
AHU/MAU-100-EHC	219.2	58.0	85.8	259.6	24.0
AHU/MAU-125-EHC	219.2	70.0	85.8	259.6	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-EHC	219.2	82.0	85.8	259.6	24.0
AHU/MAU-175-EHC	225.2	82.0	94.8	265.6	24.0
AHU/MAU-200-EHC	237.2	94.0	91.8	277.6	24.0
AHU/MAU-225-EHC	249.2	94.0	100.8	289.6	24.0
AHU/MAU-250-EHC	249.2	94.0	109.8	289.6	24.0

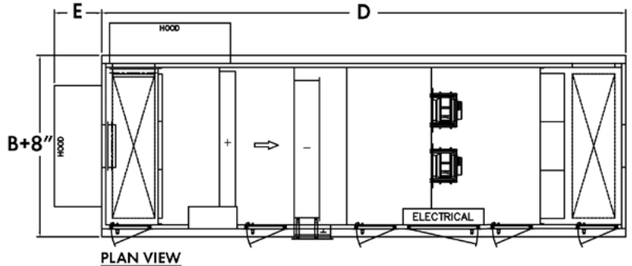
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-EHC — OUTDOOR UNITS

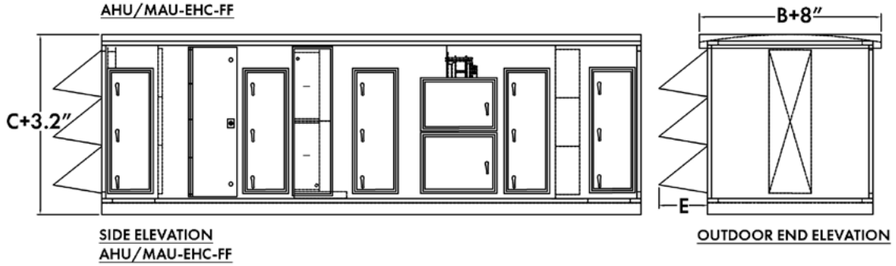
AHU, MIXING SECTION & MAKE UP AIR UNITS



PLAN VIEW
AHU/MAU-EHC



PLAN VIEW
AHU/MAU-EHC-FF



SIDE ELEVATION
AHU/MAU-EHC-FF

OUTDOOR END ELEVATION

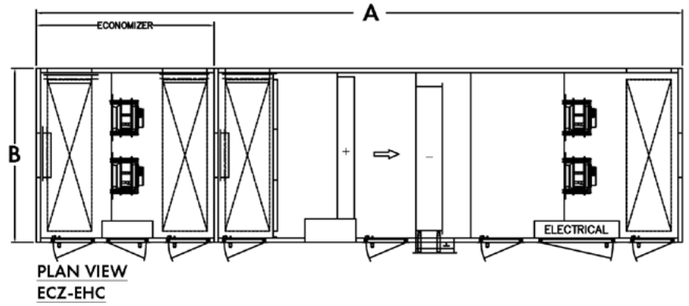
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-EHC	219.2	44.0	39.8	259.6	24.0
AHU/MAU-030-EHC	219.2	59.0	39.8	259.6	24.0
AHU/MAU-050-EHC	219.2	46.0	64.8	259.6	24.0
AHU/MAU-075-EHC	219.2	58.0	69.8	259.6	24.0
AHU/MAU-100-EHC	219.2	58.0	85.8	259.6	24.0
AHU/MAU-125-EHC	219.2	70.0	85.8	259.6	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-EHC	219.2	82.0	85.8	259.6	24.0
AHU/MAU-175-EHC	225.2	82.0	94.8	265.6	24.0
AHU/MAU-200-EHC	237.2	94.0	91.8	277.6	24.0
AHU/MAU-225-EHC	249.2	94.0	100.8	289.6	24.0
AHU/MAU-250-EHC	249.2	94.0	109.8	289.6	24.0

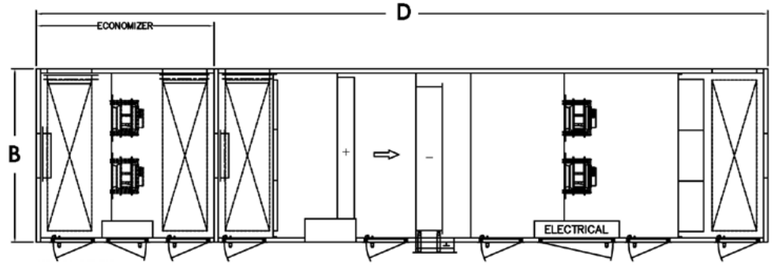
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-EHC — INDOOR UNITS

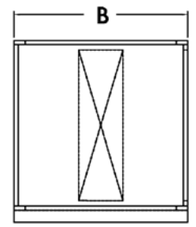
AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER



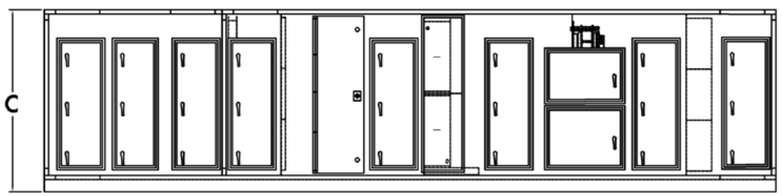
PLAN VIEW
ECZ-EHC



PLAN VIEW
ECZ-EHC-FF



INDOOR END ELEVATION



SIDE ELEVATION
ECZ-EHC-FF

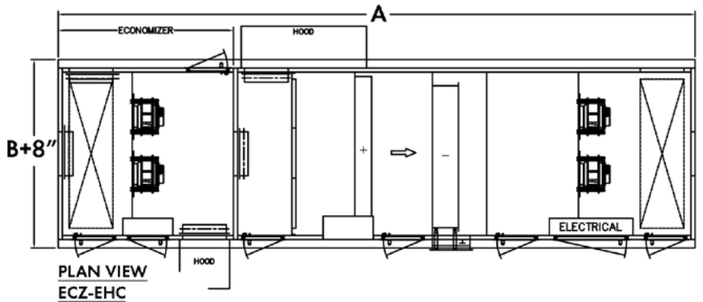
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-EHC	303.2	44.0	39.8	343.6	24.0
ECZ-030-EHC	303.2	59.0	39.8	343.6	24.0
ECZ-050-EHC	303.2	46.0	64.8	343.6	24.0
ECZ-075-EHC	303.2	58.0	69.8	343.6	24.0
ECZ-100-EHC	303.2	58.0	85.8	343.6	24.0
ECZ-125-EHC	303.2	70.0	85.8	343.6	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-EHC	303.2	82.0	85.8	343.6	24.0
ECZ-175-EHC	314.1	82.0	94.8	354.5	24.0
ECZ-200-EHC	338.1	94.0	91.8	378.5	24.0
ECZ-225-EHC	362.1	94.0	100.8	402.5	24.0
ECZ-250-EHC	362.1	94.0	109.8	402.5	24.0

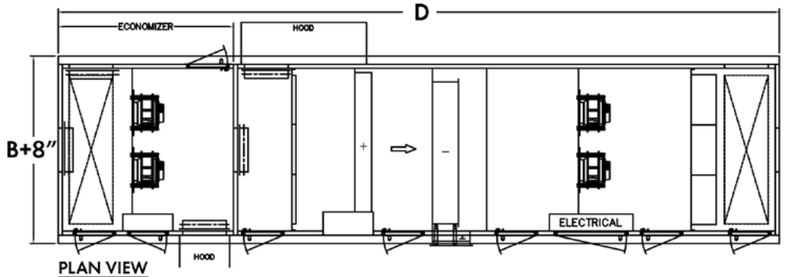
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-EHC — OUTDOOR UNITS

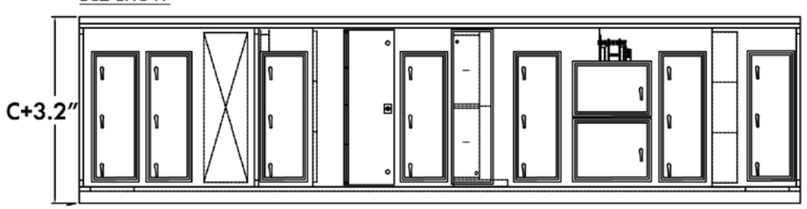
AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER



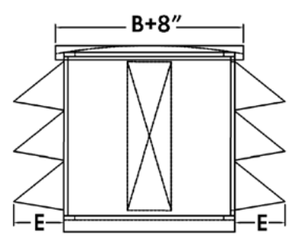
PLAN VIEW
ECZ-EHC



PLAN VIEW
ECZ-EHC-FF



SIDE ELEVATION
ECZ-EHC-FF



OUTDOOR END ELEVATION

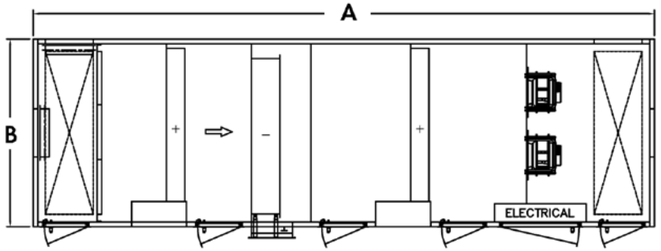
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-EHC	303.2	44.0	39.8	343.6	24.0
ECZ-030-EHC	303.2	59.0	39.8	343.6	24.0
ECZ-050-EHC	303.2	46.0	64.8	343.6	24.0
ECZ-075-EHC	303.2	58.0	69.8	343.6	24.0
ECZ-100-EHC	303.2	58.0	85.8	343.6	24.0
ECZ-125-EHC	303.2	70.0	85.8	343.6	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-EHC	303.2	82.0	85.8	343.6	24.0
ECZ-175-EHC	314.1	82.0	94.8	354.5	24.0
ECZ-200-EHC	338.1	94.0	91.8	378.5	24.0
ECZ-225-EHC	362.1	94.0	100.8	402.5	24.0
ECZ-250-EHC	362.1	94.0	109.8	402.5	24.0

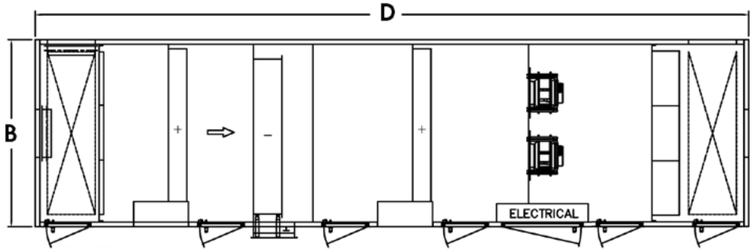
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-EHCEH— INDOOR UNITS

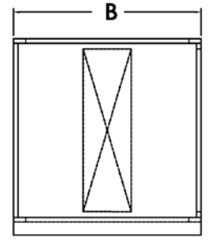
AHU, MIXING SECTION & MAKE UP AIR UNITS



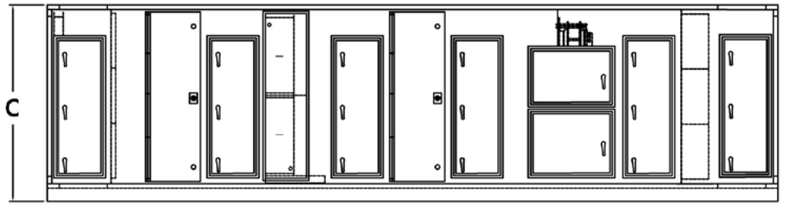
PLAN VIEW
AHU/MAU-EHCEH



PLAN VIEW
AHU/MAU-EHCEH-FF



INDOOR END ELEVATION



SIDE ELEVATION
AHU/MAU-EHCEH-FF

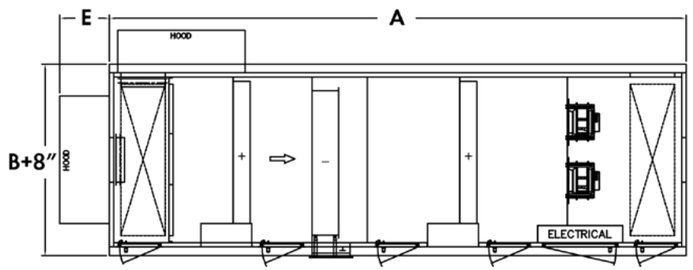
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-EHCEH	271.6	44.0	39.8	312.0	24.0
AHU/MAU-030-EHCEH	271.6	59.0	39.8	312.0	24.0
AHU/MAU-050-EHCEH	271.6	46.0	64.8	312.0	24.0
AHU/MAU-075-EHCEH	271.6	58.0	69.8	312.0	24.0
AHU/MAU-100-EHCEH	271.6	58.0	85.8	312.0	24.0
AHU/MAU-125-EHCEH	271.6	70.0	85.8	312.0	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-EHCEH	271.6	82.0	85.8	312.0	24.0
AHU/MAU-175-EHCEH	277.6	82.0	94.8	318.0	24.0
AHU/MAU-200-EHCEH	289.6	94.0	91.8	330.0	24.0
AHU/MAU-225-EHCEH	301.6	94.0	100.8	342.0	24.0
AHU/MAU-250-EHCEH	301.6	94.0	109.8	342.0	24.0

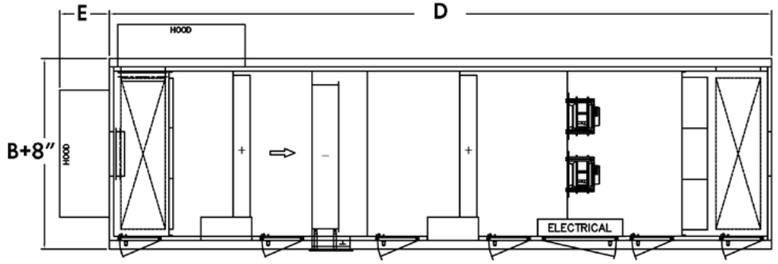
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-EHCEH — OUTDOOR UNITS

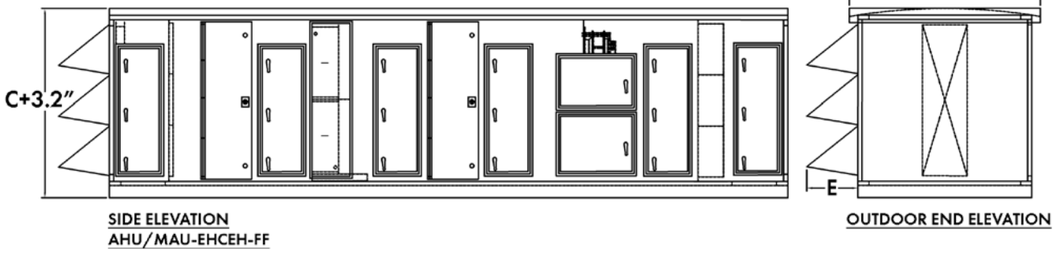
AHU, MIXING SECTION & MAKE UP AIR UNITS



PLAN VIEW
AHU/MAU-EHCEH



PLAN VIEW
AHU/MAU-EHCEH-FF



SIDE ELEVATION
AHU/MAU-EHCEH-FF

OUTDOOR END ELEVATION

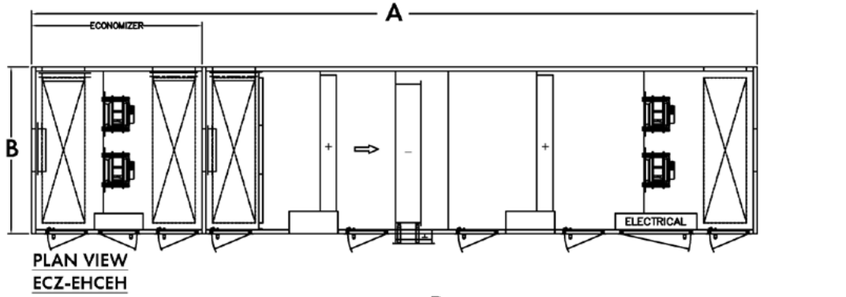
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-EHCEH	271.6	44.0	39.8	312.0	24.0
AHU/MAU-030-EHCEH	271.6	59.0	39.8	312.0	24.0
AHU/MAU-050-EHCEH	271.6	46.0	64.8	312.0	24.0
AHU/MAU-075-EHCEH	271.6	58.0	69.8	312.0	24.0
AHU/MAU-100-EHCEH	271.6	58.0	85.8	312.0	24.0
AHU/MAU-125-EHCEH	271.6	70.0	85.8	312.0	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-EHCEH	271.6	82.0	85.8	312.0	24.0
AHU/MAU-175-EHCEH	277.6	82.0	94.8	318.0	24.0
AHU/MAU-200-EHCEH	289.6	94.0	91.8	330.0	24.0
AHU/MAU-225-EHCEH	301.6	94.0	100.8	342.0	24.0
AHU/MAU-250-EHCEH	301.6	94.0	109.8	342.0	24.0

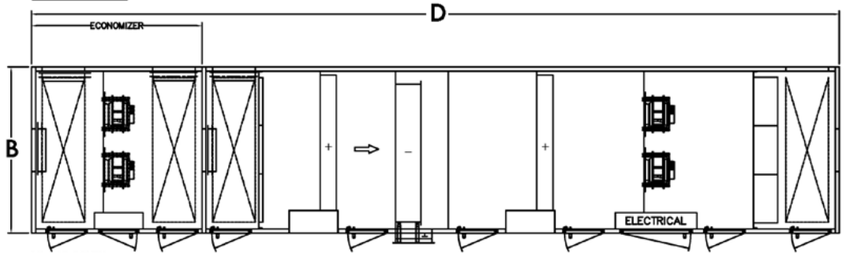
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-EHCEH — INDOOR UNITS

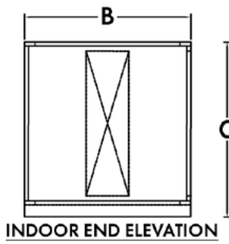
AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER



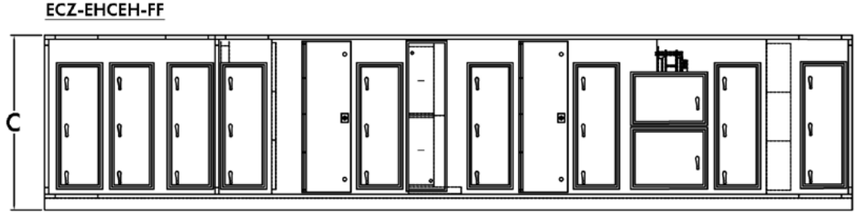
PLAN VIEW
ECZ-EHCEH



PLAN VIEW
ECZ-EHCEH-FF



INDOOR END ELEVATION



SIDE ELEVATION
ECZ-EHCEH-FF

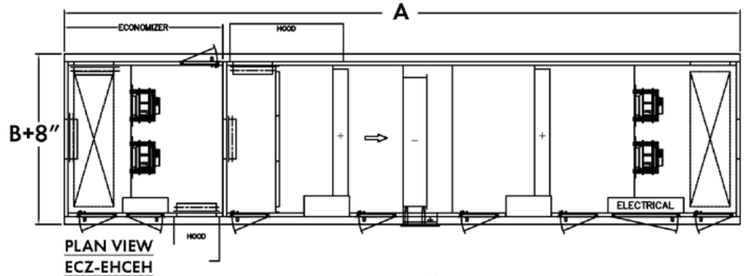
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-EHCEH	355.6	44.0	39.8	396.0	24.0
ECZ-030-EHCEH	355.6	59.0	39.8	396.0	24.0
ECZ-050-EHCEH	355.6	46.0	64.8	396.0	24.0
ECZ-075-EHCEH	355.6	58.0	69.8	396.0	24.0
ECZ-100-EHCEH	355.6	58.0	85.8	396.0	24.0
ECZ-125-EHCEH	355.6	70.0	85.8	396.0	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-EHCEH	355.6	82.0	85.8	396.0	24.0
ECZ-175-EHCEH	366.5	82.0	94.8	406.9	24.0
ECZ-200-EHCEH	390.5	94.0	91.8	430.9	24.0
ECZ-225-EHCEH	414.5	94.0	100.8	454.9	24.0
ECZ-250-EHCEH	414.5	94.0	109.8	454.9	24.0

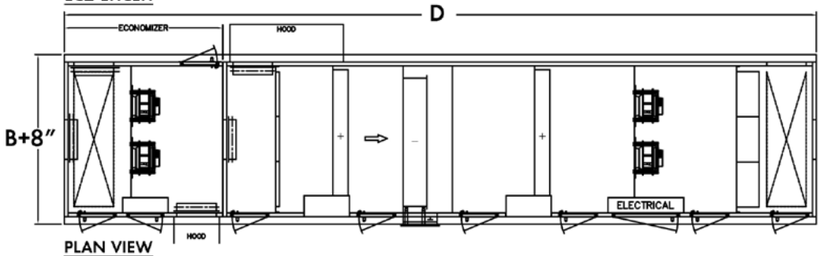
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-EHCEH — OUTDOOR UNITS

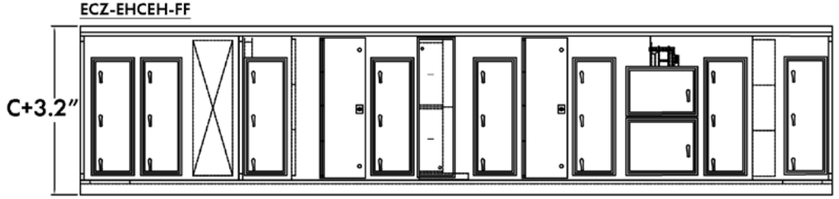
AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER



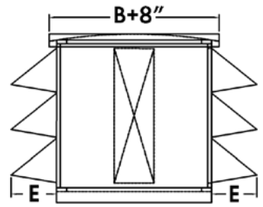
PLAN VIEW
ECZ-EHCEH



PLAN VIEW
ECZ-EHCEH-FF



SIDE ELEVATION
ECZ-EHCEH-FF



OUTDOOR END ELEVATION

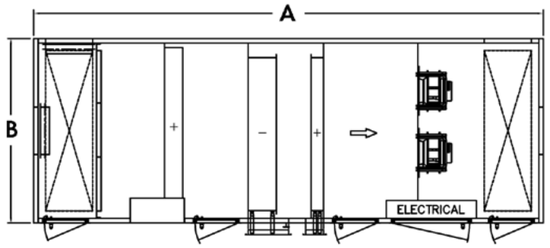
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-EHCEH	355.6	44.0	39.8	396.0	24.0
ECZ-030-EHCEH	355.6	59.0	39.8	396.0	24.0
ECZ-050-EHCEH	355.6	46.0	64.8	396.0	24.0
ECZ-075-EHCEH	355.6	58.0	69.8	396.0	24.0
ECZ-100-EHCEH	355.6	58.0	85.8	396.0	24.0
ECZ-125-EHCEH	355.6	70.0	85.8	396.0	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-EHCEH	355.6	82.0	85.8	396.0	24.0
ECZ-175-EHCEH	366.5	82.0	94.8	406.9	24.0
ECZ-200-EHCEH	390.5	94.0	91.8	430.9	24.0
ECZ-225-EHCEH	414.5	94.0	100.8	454.9	24.0
ECZ-250-EHCEH	414.5	94.0	109.8	454.9	24.0

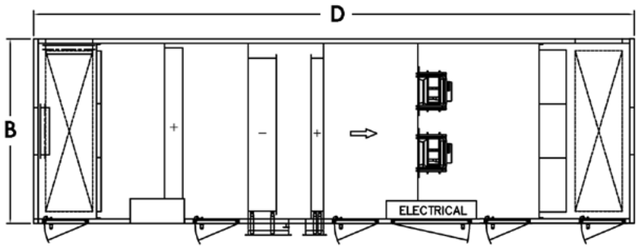
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-EHCH — INDOOR UNITS

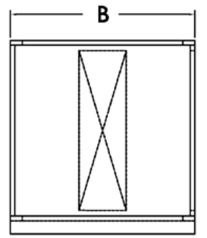
AHU, MIXING SECTION & MAKE UP AIR UNITS



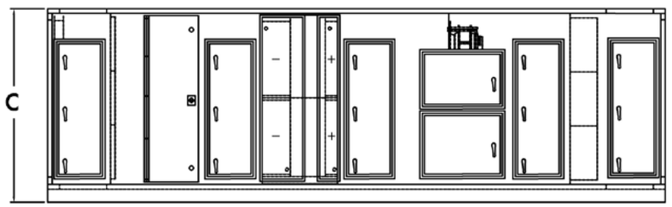
PLAN VIEW
AHU/MAU-EHCH



PLAN VIEW
AHU/MAU-EHCH-FF



INDOOR END ELEVATION



SIDE ELEVATION
AHU/MAU-EHCH-FF

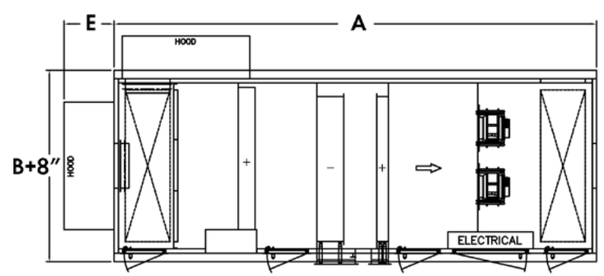
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-EHCH	226.7	44.0	39.8	267.1	24.0
AHU/MAU-030-EHCH	226.7	59.0	39.8	267.1	24.0
AHU/MAU-050-EHCH	226.7	46.0	64.8	267.1	24.0
AHU/MAU-075-EHCH	226.7	58.0	69.8	267.1	24.0
AHU/MAU-100-EHCH	226.7	58.0	85.8	267.1	24.0
AHU/MAU-125-EHCH	226.7	70.0	85.8	267.1	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-EHCH	226.7	82.0	85.8	267.1	24.0
AHU/MAU-175-EHCH	232.7	82.0	94.8	273.1	24.0
AHU/MAU-200-EHCH	244.7	94.0	91.8	285.1	24.0
AHU/MAU-225-EHCH	256.7	94.0	100.8	297.1	24.0
AHU/MAU-250-EHCH	256.7	94.0	109.8	297.1	24.0

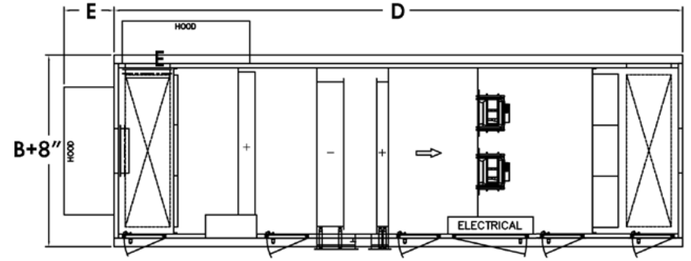
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-EHCH — OUTDOOR UNITS

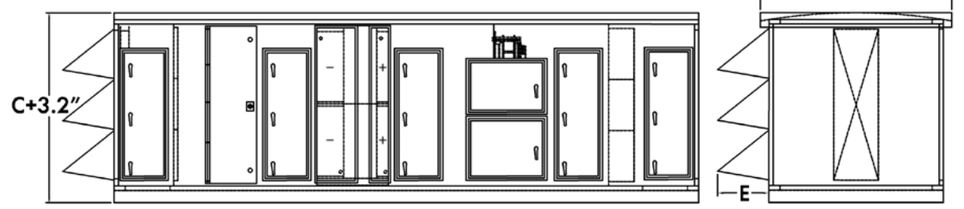
AHU, MIXING SECTION & MAKE UP AIR UNITS



PLAN VIEW
AHU/MAU-EHCH



PLAN VIEW
AHU/MAU-EHCH-FF



SIDE ELEVATION
AHU/MAU-EHCH-FF

OUTDOOR END ELEVATION

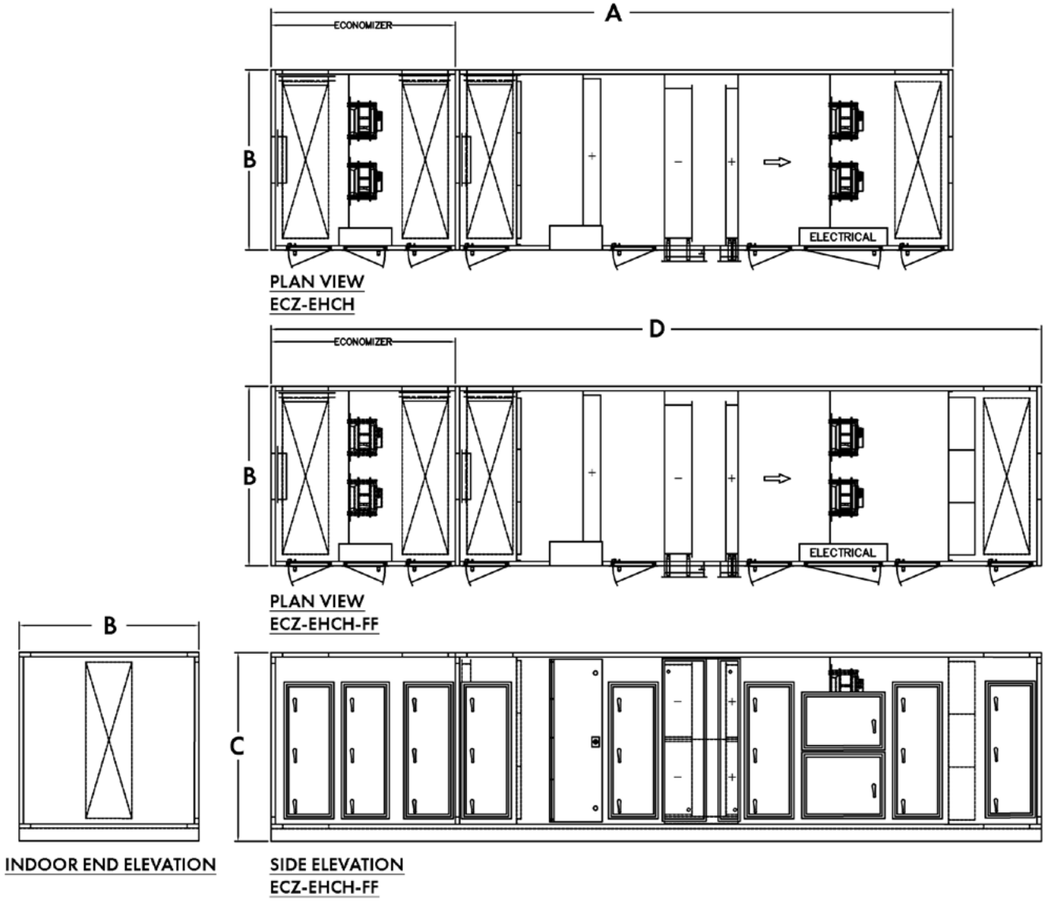
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-EHCH	226.7	44.0	39.8	267.1	24.0
AHU/MAU-030-EHCH	226.7	59.0	39.8	267.1	24.0
AHU/MAU-050-EHCH	226.7	46.0	64.8	267.1	24.0
AHU/MAU-075-EHCH	226.7	58.0	69.8	267.1	24.0
AHU/MAU-100-EHCH	226.7	58.0	85.8	267.1	24.0
AHU/MAU-125-EHCH	226.7	70.0	85.8	267.1	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-EHCH	226.7	82.0	85.8	267.1	24.0
AHU/MAU-175-EHCH	232.7	82.0	94.8	273.1	24.0
AHU/MAU-200-EHCH	244.7	94.0	91.8	285.1	24.0
AHU/MAU-225-EHCH	256.7	94.0	100.8	297.1	24.0
AHU/MAU-250-EHCH	256.7	94.0	109.8	297.1	24.0

Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-EHCH — INDOOR UNITS

AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER



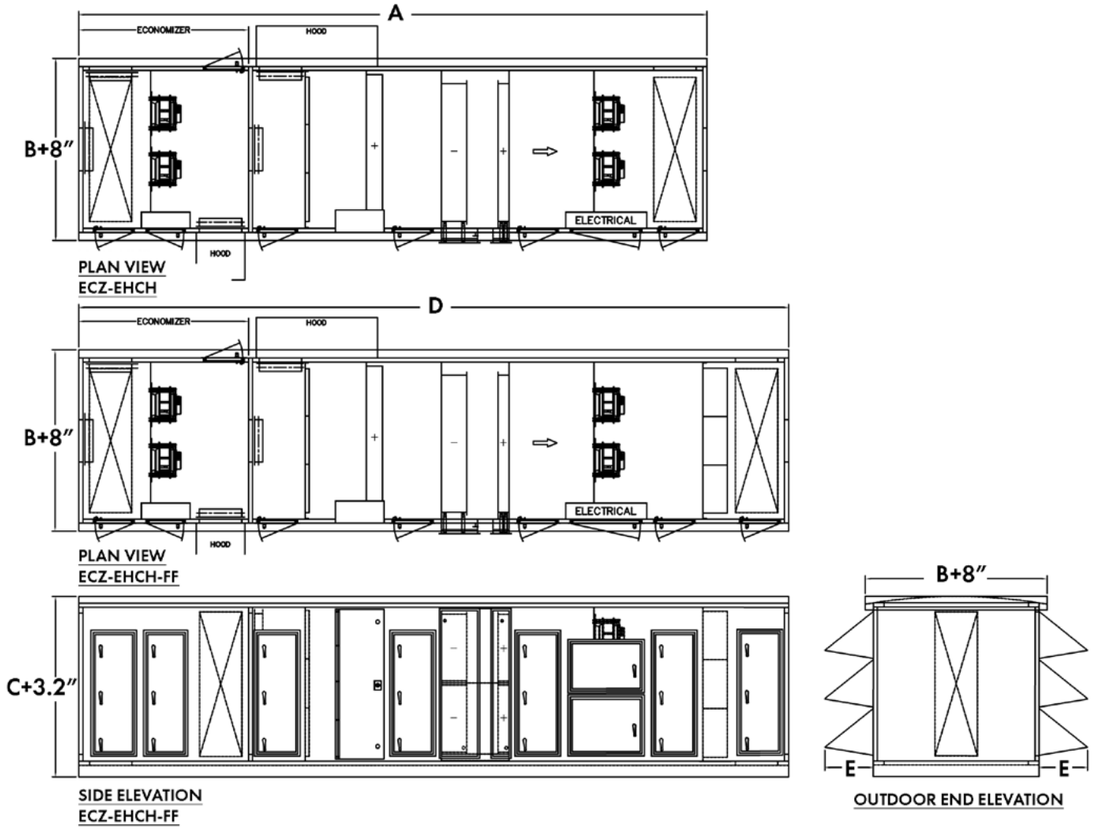
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-EHCH	310.7	44.0	39.8	351.1	24.0
ECZ-030-EHCH	310.7	59.0	39.8	351.1	24.0
ECZ-050-EHCH	310.7	46.0	64.8	351.1	24.0
ECZ-075-EHCH	310.7	58.0	69.8	351.1	24.0
ECZ-100-EHCH	310.7	58.0	85.8	351.1	24.0
ECZ-125-EHCH	310.7	70.0	85.8	351.1	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-EHCH	310.7	82.0	85.8	351.1	24.0
ECZ-175-EHCH	321.6	82.0	94.8	362.0	24.0
ECZ-200-EHCH	345.6	94.0	91.8	386.0	24.0
ECZ-225-EHCH	369.6	94.0	100.8	410.0	24.0
ECZ-250-EHCH	369.6	94.0	109.8	410.0	24.0

Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-EHCH — OUTDOOR UNITS

AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER



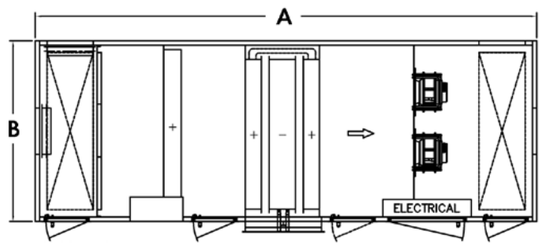
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-EHCH	310.7	44.0	39.8	351.1	24.0
ECZ-030-EHCH	310.7	59.0	39.8	351.1	24.0
ECZ-050-EHCH	310.7	46.0	64.8	351.1	24.0
ECZ-075-EHCH	310.7	58.0	69.8	351.1	24.0
ECZ-100-EHCH	310.7	58.0	85.8	351.1	24.0
ECZ-125-EHCH	310.7	70.0	85.8	351.1	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-EHCH	310.7	82.0	85.8	351.1	24.0
ECZ-175-EHCH	321.6	82.0	94.8	362.0	24.0
ECZ-200-EHCH	345.6	94.0	91.8	386.0	24.0
ECZ-225-EHCH	369.6	94.0	100.8	410.0	24.0
ECZ-250-EHCH	369.6	94.0	109.8	410.0	24.0

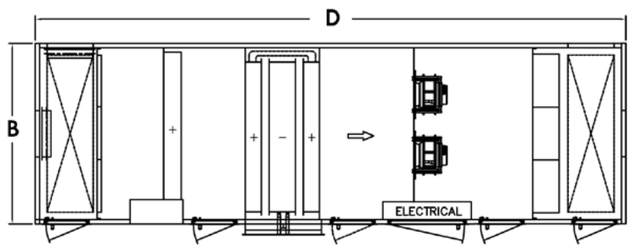
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-EHHP— INDOOR UNITS

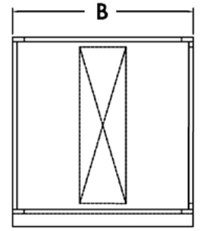
AHU, MIXING SECTION & MAKE UP AIR UNITS



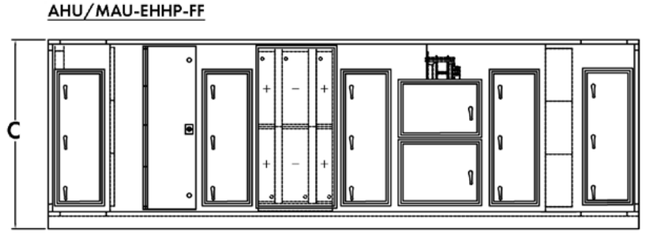
PLAN VIEW
AHU/MAU-EHHP



PLAN VIEW
AHU/MAU-EHHP-FF



INDOOR END ELEVATION



SIDE ELEVATION
AHU/MAU-EHHP-FF

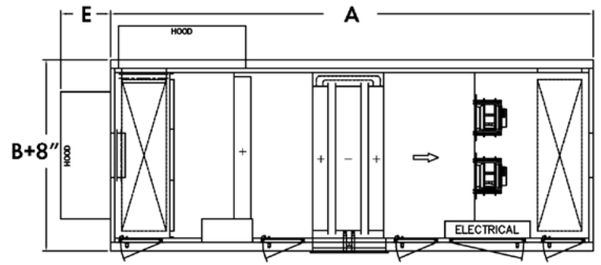
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-EHHP	227.7	44.0	39.8	268.1	24.0
AHU/MAU-030-EHHP	227.7	59.0	39.8	268.1	24.0
AHU/MAU-050-EHHP	227.7	46.0	64.8	268.1	24.0
AHU/MAU-075-EHHP	227.7	58.0	69.8	268.1	24.0
AHU/MAU-100-EHHP	227.7	58.0	85.8	268.1	24.0
AHU/MAU-125-EHHP	227.7	70.0	85.8	268.1	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-EHHP	227.7	82.0	85.8	268.1	24.0
AHU/MAU-175-EHHP	233.7	82.0	94.8	274.1	24.0
AHU/MAU-200-EHHP	245.7	94.0	91.8	286.1	24.0
AHU/MAU-225-EHHP	257.7	94.0	100.8	298.1	24.0
AHU/MAU-250-EHHP	257.7	94.0	109.8	298.1	24.0

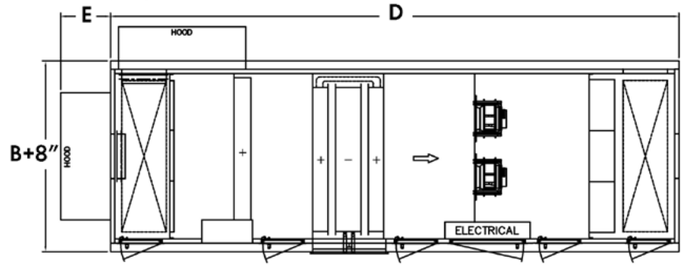
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-EHHP — OUTDOOR UNITS

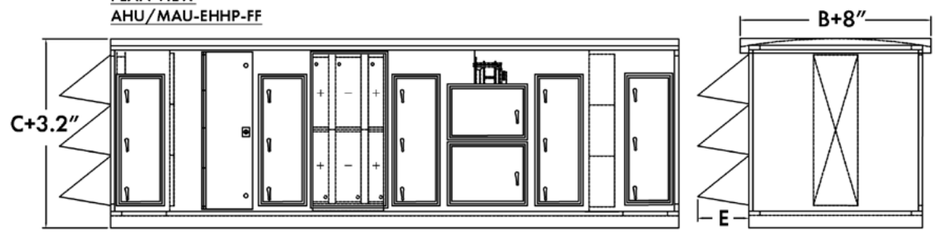
AHU, MIXING SECTION & MAKE UP AIR UNITS



PLAN VIEW
AHU/MAU-EHHP



PLAN VIEW
AHU/MAU-EHHP-FF



SIDE ELEVATION
AHU/MAU-EHHP-FF

OUTDOOR END ELEVATION

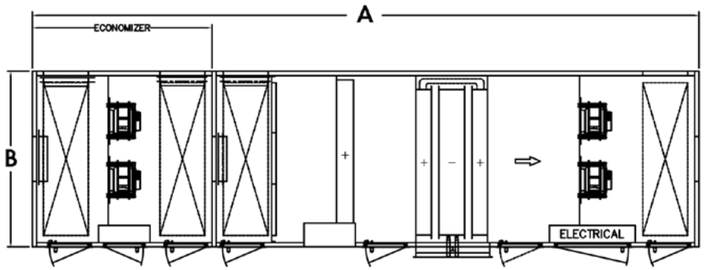
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-EHHP	227.7	44.0	39.8	268.1	24.0
AHU/MAU-030-EHHP	227.7	59.0	39.8	268.1	24.0
AHU/MAU-050-EHHP	227.7	46.0	64.8	268.1	24.0
AHU/MAU-075-EHHP	227.7	58.0	69.8	268.1	24.0
AHU/MAU-100-EHHP	227.7	58.0	85.8	268.1	24.0
AHU/MAU-125-EHHP	227.7	70.0	85.8	268.1	24.0

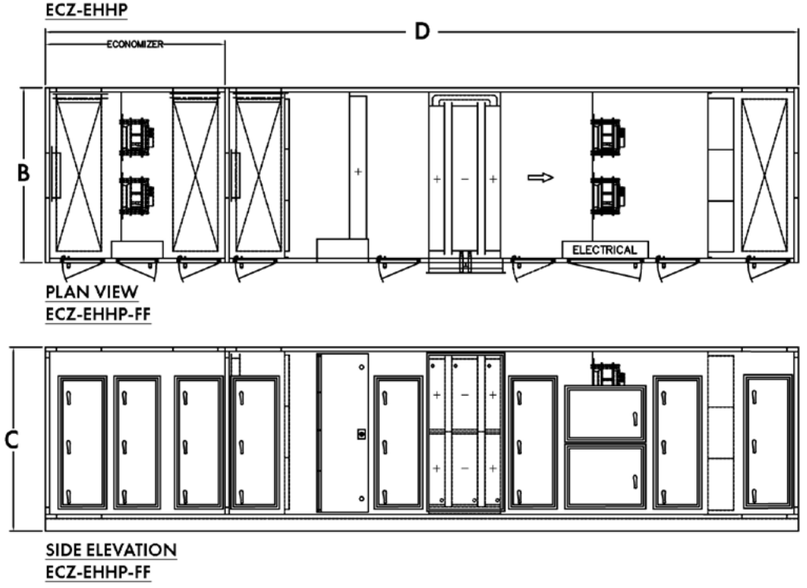
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-EHHP	227.7	82.0	85.8	268.1	24.0
AHU/MAU-175-EHHP	233.7	82.0	94.8	274.1	24.0
AHU/MAU-200-EHHP	245.7	94.0	91.8	286.1	24.0
AHU/MAU-225-EHHP	257.7	94.0	100.8	298.1	24.0
AHU/MAU-250-EHHP	257.7	94.0	109.8	298.1	24.0

Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-EHHP — INDOOR UNITS

AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER





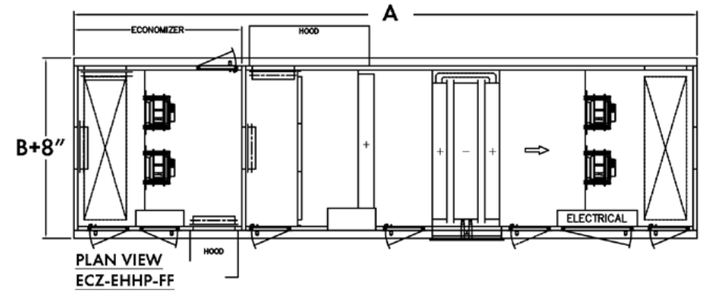
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-EHHP	311.7	44.0	39.8	352.1	24.0
ECZ-030-EHHP	311.7	59.0	39.8	352.1	24.0
ECZ-050-EHHP	311.7	46.0	64.8	352.1	24.0
ECZ-075-EHHP	311.7	58.0	69.8	352.1	24.0
ECZ-100-EHHP	311.7	58.0	85.8	352.1	24.0
ECZ-125-EHHP	311.7	70.0	85.8	352.1	24.0

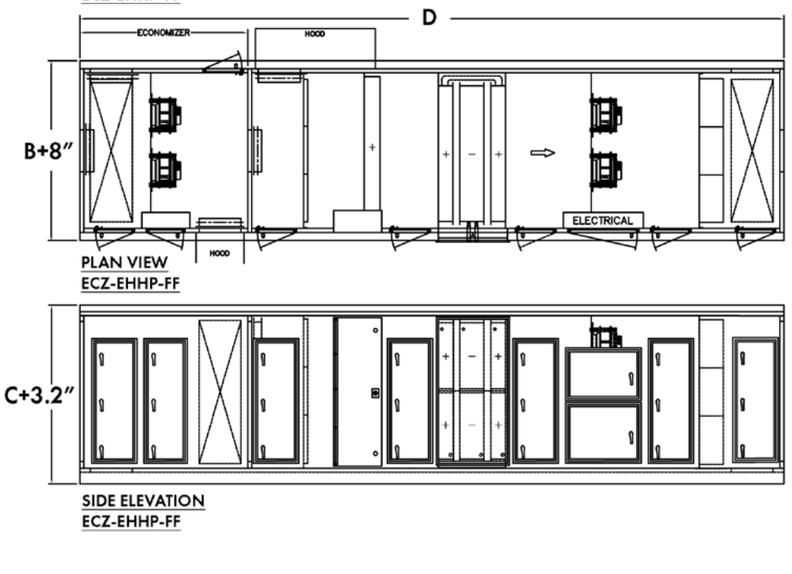
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-EHHP	311.7	82.0	85.8	352.1	24.0
ECZ-175-EHHP	322.6	82.0	94.8	363.0	24.0
ECZ-200-EHHP	346.6	94.0	91.8	387.0	24.0
ECZ-225-EHHP	370.6	94.0	100.8	411.0	24.0
ECZ-250-EHHP	370.6	94.0	109.8	411.0	24.0

Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-EHHP — OUTDOOR UNITS

AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER





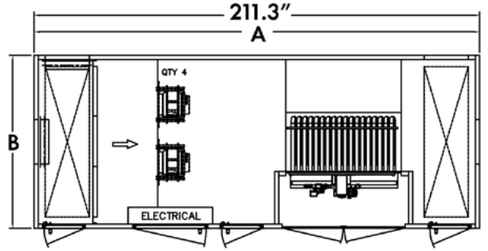
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-EHHP	311.7	44.0	39.8	352.1	24.0
ECZ-030-EHHP	311.7	59.0	39.8	352.1	24.0
ECZ-050-EHHP	311.7	46.0	64.8	352.1	24.0
ECZ-075-EHHP	311.7	58.0	69.8	352.1	24.0
ECZ-100-EHHP	311.7	58.0	85.8	352.1	24.0
ECZ-125-EHHP	311.7	70.0	85.8	352.1	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-EHHP	311.7	82.0	85.8	352.1	24.0
ECZ-175-EHHP	322.6	82.0	94.8	363.0	24.0
ECZ-200-EHHP	346.6	94.0	91.8	387.0	24.0
ECZ-225-EHHP	370.6	94.0	100.8	411.0	24.0
ECZ-250-EHHP	370.6	94.0	109.8	411.0	24.0

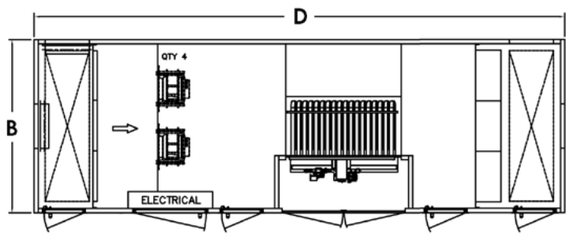
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-GB — INDOOR UNITS

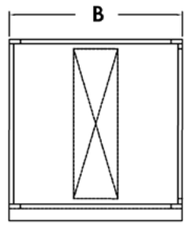
AHU, MIXING SECTION & MAKE UP AIR UNITS



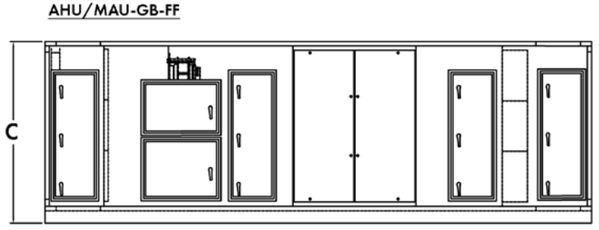
PLAN VIEW
AHU/MAU-GB



PLAN VIEW
AHU/MAU-GB-FF



INDOOR END ELEVATION



SIDE ELEVATION
AHU/MAU-GB-FF

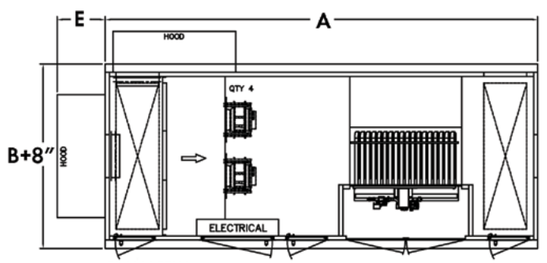
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-GB	185.9	44.0	39.8	226.3	24.0
AHU/MAU-030-GB	190.3	59.0	39.8	230.7	24.0
AHU/MAU-050-GB	212.3	46.0	64.8	252.7	24.0
AHU/MAU-075-GB	203.1	58.0	69.8	243.5	24.0
AHU/MAU-100-GB	211.3	58.0	85.8	251.7	24.0
AHU/MAU-125-GB	201.5	70.0	85.8	241.9	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-GB	211.3	82.0	85.8	251.7	24.0
AHU/MAU-175-GB	217.3	82.0	94.8	257.7	24.0
AHU/MAU-200-GB	226.9	94.0	91.8	267.3	24.0
AHU/MAU-225-GB	238.9	94.0	100.8	279.3	24.0
AHU/MAU-250-GB	238.9	94.0	109.8	279.3	24.0

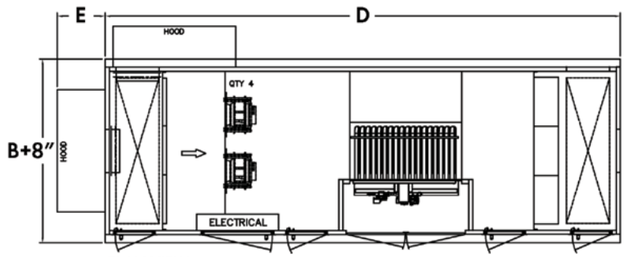
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-GB — OUTDOOR UNITS

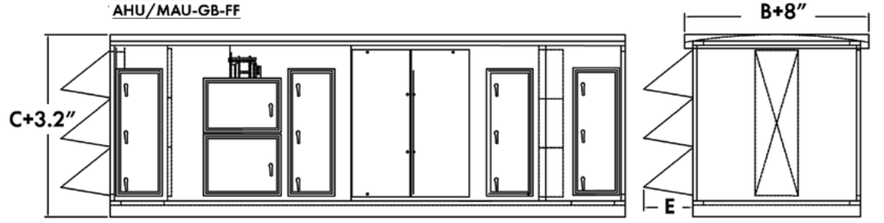
AHU, MIXING SECTION & MAKE UP AIR UNITS



PLAN VIEW
AHU/MAU-GB



PLAN VIEW
AHU/MAU-GB-FF



SIDE ELEVATION
AHU/MAU-GB-FF

OUTDOOR END ELEVATION

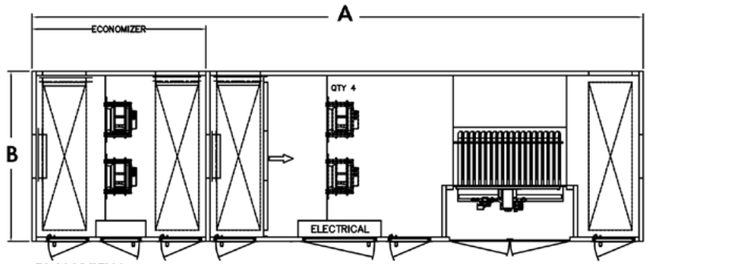
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-GB	185.9	44.0	39.8	226.3	24.0
AHU/MAU-030-GB	190.3	59.0	39.8	230.7	24.0
AHU/MAU-050-GB	212.3	46.0	64.8	252.7	24.0
AHU/MAU-075-GB	203.1	58.0	69.8	243.5	24.0
AHU/MAU-100-GB	211.3	58.0	85.8	251.7	24.0
AHU/MAU-125-GB	201.5	70.0	85.8	241.9	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-GB	211.3	82.0	85.8	251.7	24.0
AHU/MAU-175-GB	217.3	82.0	94.8	257.7	24.0
AHU/MAU-200-GB	226.9	94.0	91.8	267.3	24.0
AHU/MAU-225-GB	238.9	94.0	100.8	279.3	24.0
AHU/MAU-250-GB	238.9	94.0	109.8	279.3	24.0

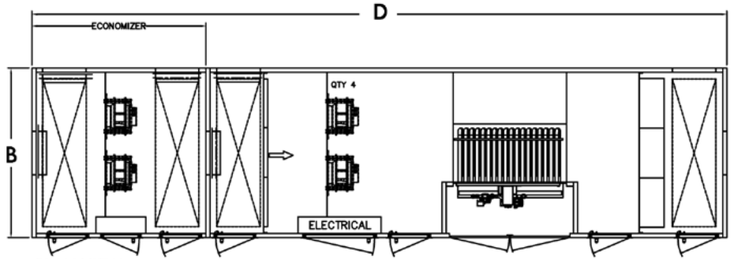
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-GB — INDOOR UNITS

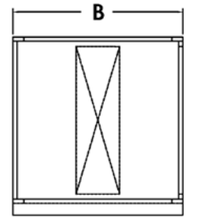
AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER



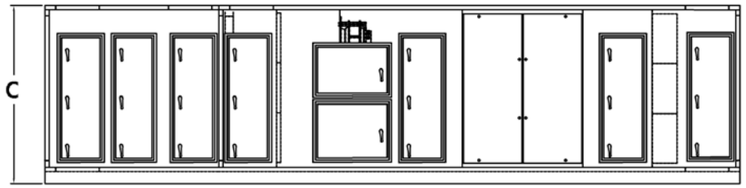
PLAN VIEW
ECZ-GB



PLAN VIEW
ECZ-GB-FF



INDOOR END ELEVATION



SIDE ELEVATION
ECZ-GB-FF

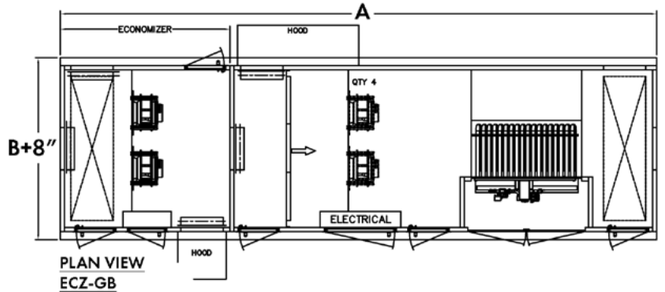
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-GB	269.9	44.0	39.8	310.3	24.0
ECZ-030-GB	274.3	59.0	39.8	314.7	24.0
ECZ-050-GB	296.3	46.0	64.8	336.7	24.0
ECZ-075-GB	287.1	58.0	69.8	327.5	24.0
ECZ-100-GB	295.3	58.0	85.8	335.7	24.0
ECZ-125-GB	285.5	70.0	85.8	325.9	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-GB	295.3	82.0	85.8	335.7	24.0
ECZ-175-GB	306.2	82.0	94.8	346.6	24.0
ECZ-200-GB	327.8	94.0	91.8	368.2	24.0
ECZ-225-GB	351.8	94.0	100.8	392.2	24.0
ECZ-250-ECZ	351.8	94.0	109.8	392.2	24.0

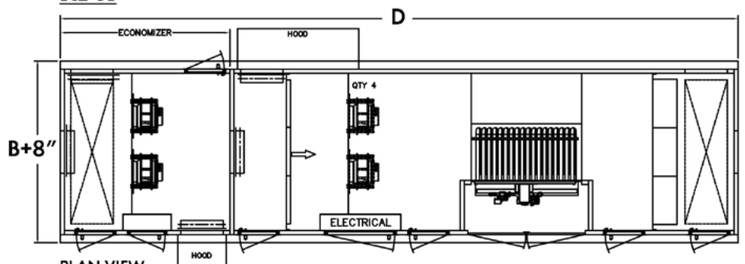
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-GB — OUTDOOR UNITS

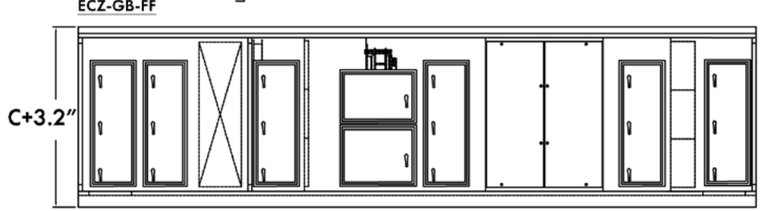
AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER



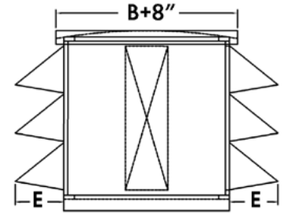
PLAN VIEW
ECZ-GB



PLAN VIEW
ECZ-GB-FF



SIDE ELEVATION
ECZ-GB-FF



OUTDOOR END ELEVATION

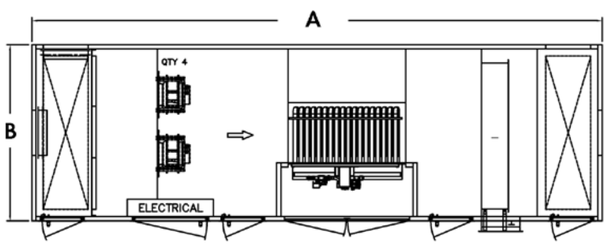
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-GB	269.9	44.0	39.8	310.3	24.0
ECZ-030-GB	274.3	59.0	39.8	314.7	24.0
ECZ-050-GB	296.3	46.0	64.8	336.7	24.0
ECZ-075-GB	287.1	58.0	69.8	327.5	24.0
ECZ-100-GB	295.3	58.0	85.8	335.7	24.0
ECZ-125-GB	285.5	70.0	85.8	325.9	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-GB	295.3	82.0	85.8	335.7	24.0
ECZ-175-GB	306.2	82.0	94.8	346.6	24.0
ECZ-200-GB	327.8	94.0	91.8	368.2	24.0
ECZ-225-GB	351.8	94.0	100.8	392.2	24.0
ECZ-250-ECZ	351.8	94.0	109.8	392.2	24.0

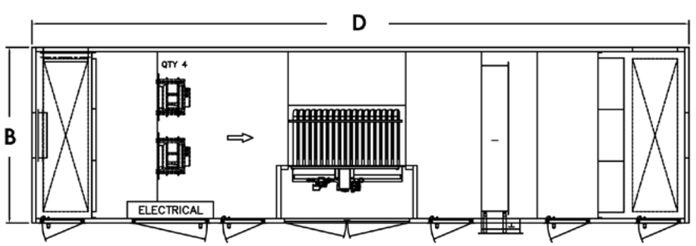
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-GBC — INDOOR UNITS

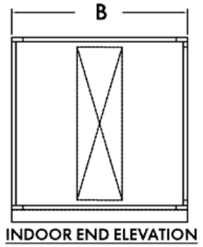
AHU, MIXING SECTION & MAKE UP AIR UNITS



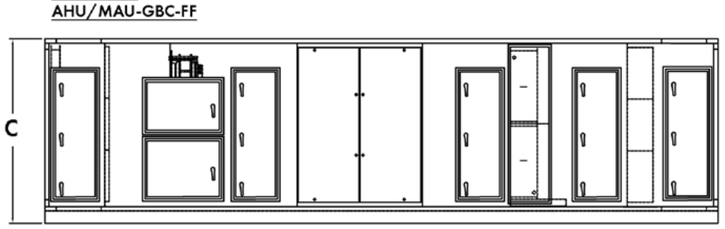
PLAN VIEW
AHU/MAU-GBC



PLAN VIEW
AHU/MAU-GBC-FF



INDOOR END ELEVATION



SIDE ELEVATION
AHU/MAU-GBC-FF

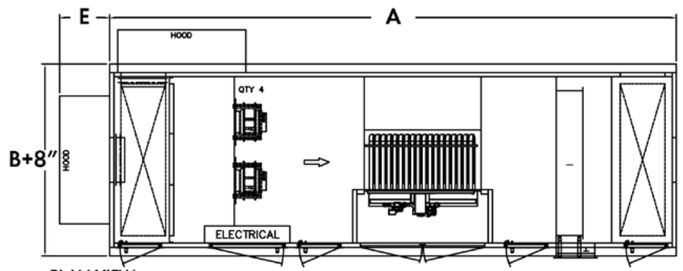
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-GBC	240.3	44.0	39.8	280.7	24.0
AHU/MAU-030-GBC	244.7	59.0	39.8	285.1	24.0
AHU/MAU-050-GBC	266.7	46.0	64.8	307.1	24.0
AHU/MAU-075-GBC	257.5	58.0	69.8	297.9	24.0
AHU/MAU-100-GBC	265.7	58.0	85.8	306.1	24.0
AHU/MAU-125-GBC	255.9	70.0	85.8	296.3	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-GBC	265.7	82.0	85.8	306.1	24.0
AHU/MAU-175- GBC	271.7	82.0	94.8	312.1	24.0
AHU/MAU-200-GBC	281.3	94.0	91.8	321.7	24.0
AHU/MAU-225-GBC	293.3	94.0	100.8	333.7	24.0
AHU/MAU-250-GBC	293.3	94.0	109.8	333.7	24.0

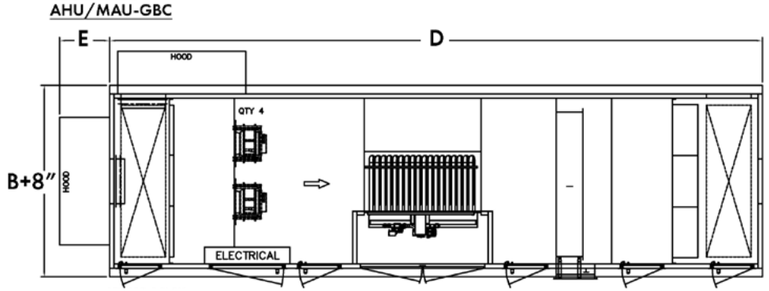
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-GBC — OUTDOOR UNITS

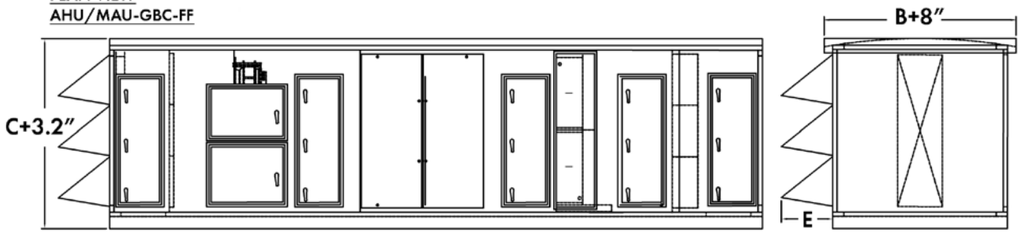
AHU, MIXING SECTION & MAKE UP AIR UNITS



PLAN VIEW
AHU/MAU-GBC



PLAN VIEW
AHU/MAU-GBC-FF



SIDE ELEVATION
AHU/MAU-GBC-FF

OUTDOOR END ELEVATION

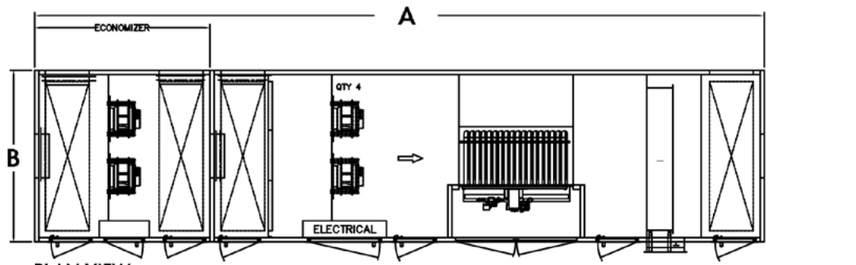
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-GBC	240.3	44.0	39.8	280.7	24.0
AHU/MAU-030-GBC	244.7	59.0	39.8	285.1	24.0
AHU/MAU-050-GBC	266.7	46.0	64.8	307.1	24.0
AHU/MAU-075-GBC	257.5	58.0	69.8	297.9	24.0
AHU/MAU-100-GBC	265.7	58.0	85.8	306.1	24.0
AHU/MAU-125-GBC	255.9	70.0	85.8	296.3	24.0

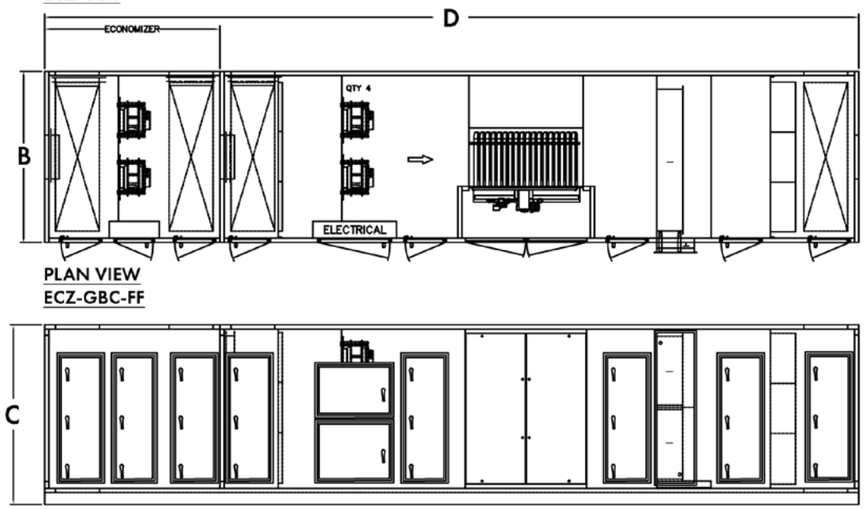
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-GBC	265.7	82.0	85.8	306.1	24.0
AHU/MAU-175- GBC	271.7	82.0	94.8	312.1	24.0
AHU/MAU-200-GBC	281.3	94.0	91.8	321.7	24.0
AHU/MAU-225-GBC	293.3	94.0	100.8	333.7	24.0
AHU/MAU-250-GBC	293.3	94.0	109.8	333.7	24.0

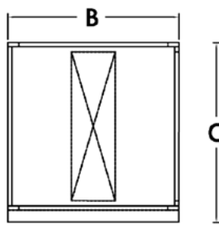
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-GBC — INDOOR UNITS

AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER







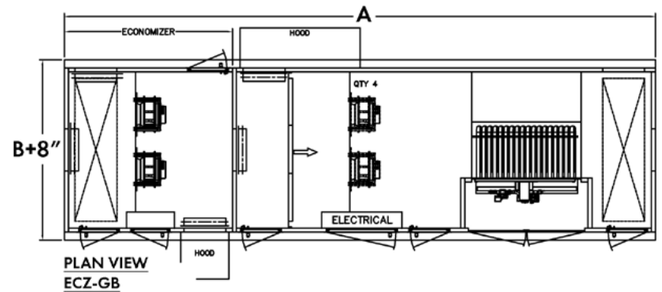
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-GBC	324.3	44.0	39.8	364.7	24.0
ECZ-030-GBC	328.7	59.0	39.8	369.1	24.0
ECZ-050-GBC	350.7	46.0	64.8	391.1	24.0
ECZ-075-GBC	341.5	58.0	69.8	381.9	24.0
ECZ-100-GBC	349.7	58.0	85.8	390.1	24.0
ECZ-125-GBC	339.9	70.0	85.8	380.3	24.0

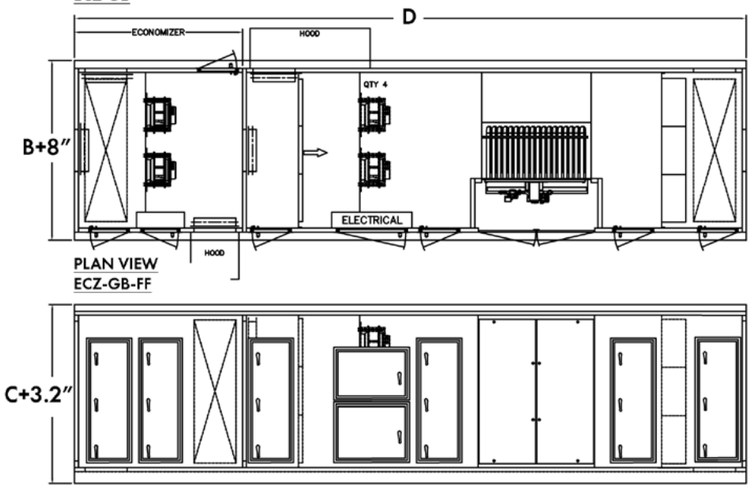
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-GBC	349.7	82.0	85.8	390.1	24.0
ECZ-175-GBC	360.6	82.0	94.8	401.0	24.0
ECZ-200-GBC	382.2	94.0	91.8	422.6	24.0
ECZ-225-GBC	406.2	94.0	100.8	446.6	24.0
ECZ-250-GBC	406.2	94.0	109.8	446.6	24.0

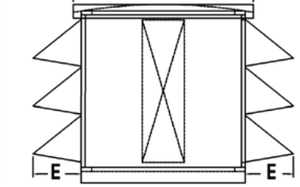
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-GBC — OUTDOOR UNITS

AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER







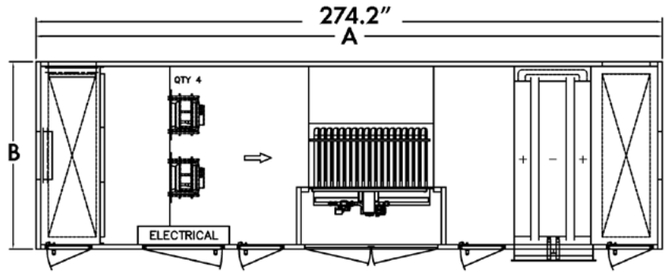
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-GBC	324.3	44.0	39.8	364.7	24.0
ECZ-030-GBC	328.7	59.0	39.8	369.1	24.0
ECZ-050-GBC	350.7	46.0	64.8	391.1	24.0
ECZ-075-GBC	341.5	58.0	69.8	381.9	24.0
ECZ-100-GBC	349.7	58.0	85.8	390.1	24.0
ECZ-125-GBC	339.9	70.0	85.8	380.3	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-GBC	349.7	82.0	85.8	390.1	24.0
ECZ-175-GBC	360.6	82.0	94.8	401.0	24.0
ECZ-200-GBC	382.2	94.0	91.8	422.6	24.0
ECZ-225-GBC	406.2	94.0	100.8	446.6	24.0
ECZ-250-GBC	406.2	94.0	109.8	446.6	24.0

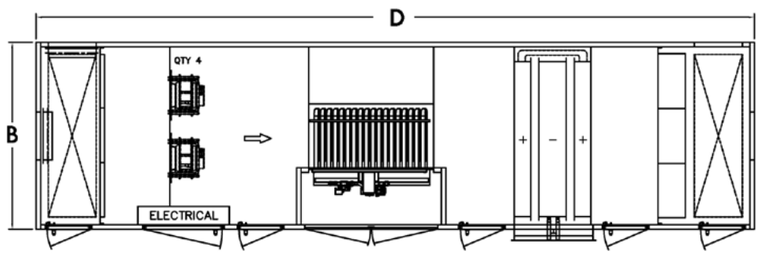
Click here for service clearance dimensions
Click here for unit weights

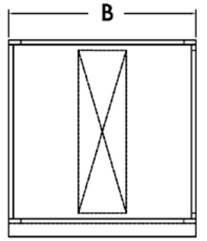
DIMENSIONAL DATA — AHU/MAU-GBHP — INDOOR UNITS

AHU, MIXING SECTION & MAKE UP AIR UNITS



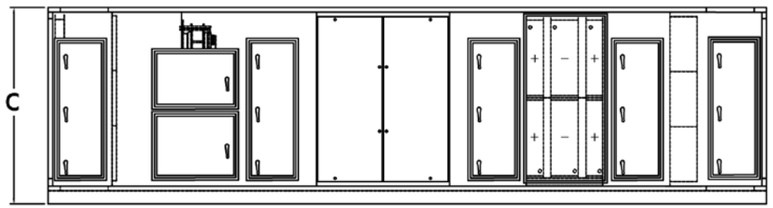
PLAN VIEW
AHU/MAU-GBHP





INDOOR END ELEVATION

PLAN VIEW
AHU/MAU-GBHP-FF



SIDE ELEVATION
AHU/MAU-GBHP-FF

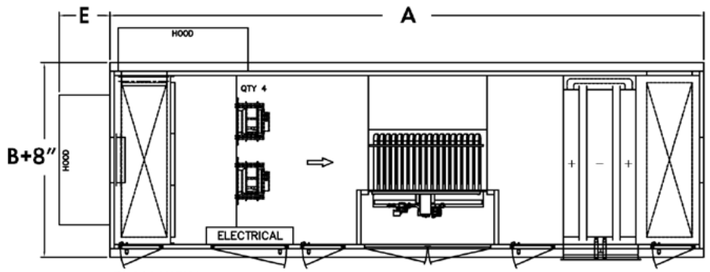
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-GBHP	248.8	44.0	39.8	289.2	24.0
AHU/MAU-030-GBHP	253.2	59.0	39.8	293.6	24.0
AHU/MAU-050-GBHP	275.2	46.0	64.8	315.6	24.0
AHU/MAU-075-GBHP	266.0	58.0	69.8	306.4	24.0
AHU/MAU-100-GBHP	274.2	58.0	85.8	314.6	24.0
AHU/MAU-125-GBHP	264.4	70.0	85.8	304.8	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-GBHP	274.2	82.0	85.8	314.6	24.0
AHU/MAU-175-GBHP	280.2	82.0	94.8	320.6	24.0
AHU/MAU-200-GBHP	289.8	94.0	91.8	330.2	24.0
AHU/MAU-225-GBHP	301.8	94.0	100.8	342.2	24.0
AHU/MAU-250-GBHP	301.8	94.0	109.8	342.2	24.0

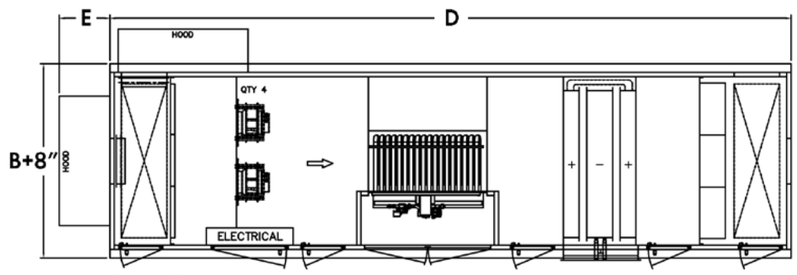
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-GBHP — OUTDOOR UNITS

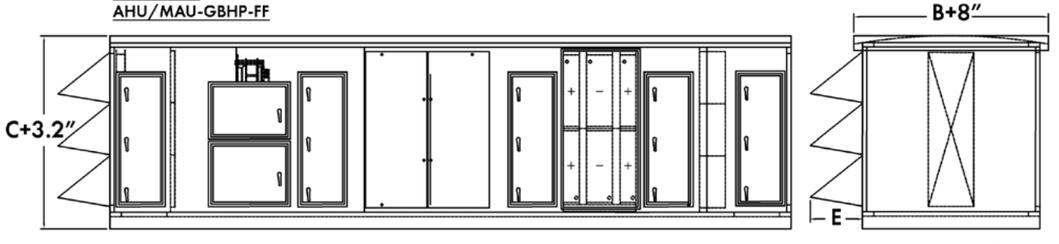
AHU, MIXING SECTION & MAKE UP AIR UNITS



PLAN VIEW
AHU/MAU-GBHP



PLAN VIEW
AHU/MAU-GBHP-FF



SIDE ELEVATION
AHU/MAU-GBHP-FF

OUTDOOR END ELEVATION

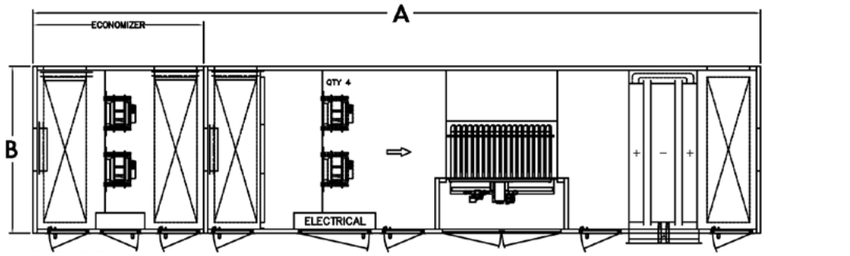
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-GBHP	248.8	44.0	39.8	289.2	24.0
AHU/MAU-030-GBHP	253.2	59.0	39.8	293.6	24.0
AHU/MAU-050-GBHP	275.2	46.0	64.8	315.6	24.0
AHU/MAU-075-GBHP	266.0	58.0	69.8	306.4	24.0
AHU/MAU-100-GBHP	274.2	58.0	85.8	314.6	24.0
AHU/MAU-125-GBHP	264.4	70.0	85.8	304.8	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-GBHP	274.2	82.0	85.8	314.6	24.0
AHU/MAU-175-GBHP	280.2	82.0	94.8	320.6	24.0
AHU/MAU-200-GBHP	289.8	94.0	91.8	330.2	24.0
AHU/MAU-225-GBHP	301.8	94.0	100.8	342.2	24.0
AHU/MAU-250-GBHP	301.8	94.0	109.8	342.2	24.0

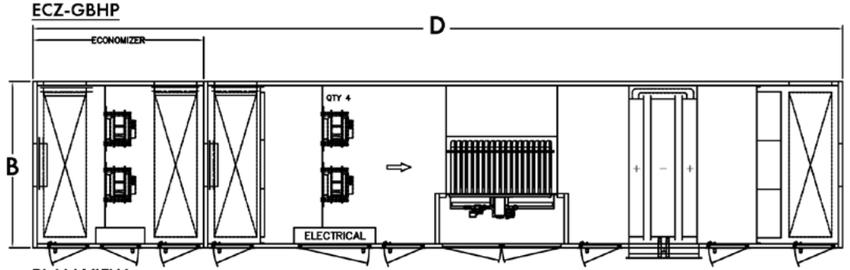
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-GBHP — INDOOR UNITS

AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER

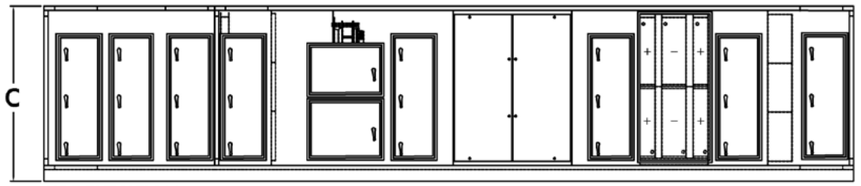


PLAN VIEW
ECZ-GBHP



PLAN VIEW
ECZ-GBHP-FF

INDOOR END ELEVATION



SIDE ELEVATION
ECZ-GBHP-FF

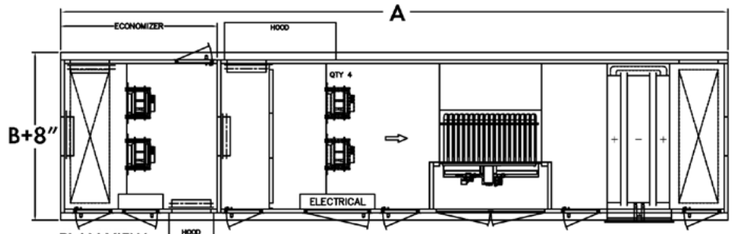
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-GBHP	332.8	44.0	39.8	373.2	24.0
ECZ-030-GBHP	337.2	59.0	39.8	377.6	24.0
ECZ-050-GBHP	359.2	46.0	64.8	399.6	24.0
ECZ-075-GBHP	350.0	58.0	69.8	390.4	24.0
ECZ-100-GBHP	358.2	58.0	85.8	398.6	24.0
ECZ-125-GBHP	348.4	70.0	85.8	388.8	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-GBHP	358.2	82.0	85.8	398.6	24.0
ECZ-175-GBHP	369.1	82.0	94.8	409.5	24.0
ECZ-200-GBHP	390.7	94.0	91.8	431.1	24.0
ECZ-225-GBHP	414.7	94.0	100.8	455.1	24.0
ECZ-250-GBHP	414.7	94.0	109.8	455.1	24.0

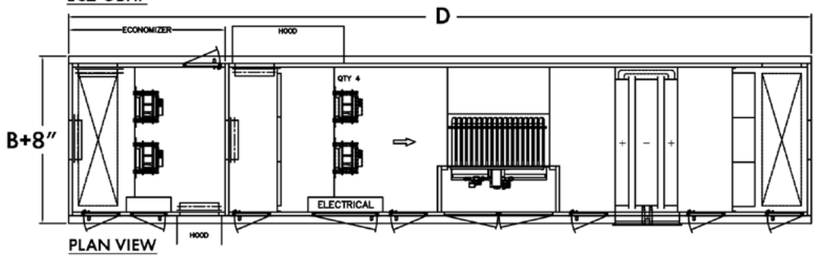
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-GBHP — OUTDOOR UNITS

AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER

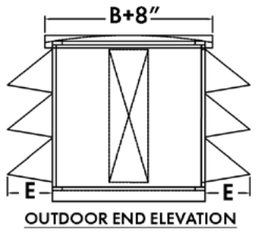


PLAN VIEW
ECZ-GBHP



PLAN VIEW
ECZ-GBHP-FF

SIDE ELEVATION
ECZ-GBHP-FF



OUTDOOR END ELEVATION

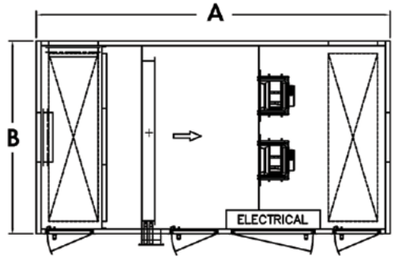
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-GBHP	332.8	44.0	39.8	373.2	24.0
ECZ-030-GBHP	337.2	59.0	39.8	377.6	24.0
ECZ-050-GBHP	359.2	46.0	64.8	399.6	24.0
ECZ-075-GBHP	350.0	58.0	69.8	390.4	24.0
ECZ-100-GBHP	358.2	58.0	85.8	398.6	24.0
ECZ-125-GBHP	348.4	70.0	85.8	388.8	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-GBHP	358.2	82.0	85.8	398.6	24.0
ECZ-175-GBHP	369.1	82.0	94.8	409.5	24.0
ECZ-200-GBHP	390.7	94.0	91.8	431.1	24.0
ECZ-225-GBHP	414.7	94.0	100.8	455.1	24.0
ECZ-250-GBHP	414.7	94.0	109.8	455.1	24.0

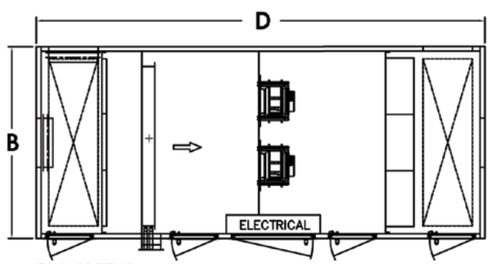
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-H — INDOOR UNITS

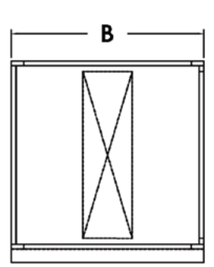
AHU, MIXING SECTION & MAKE UP AIR UNITS



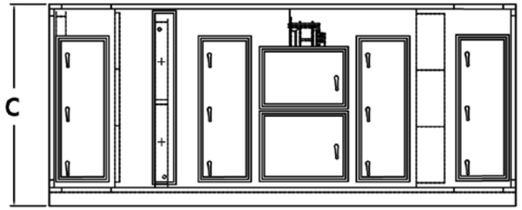
PLAN VIEW
AHU/MAU-H



PLAN VIEW
AHU/MAU-H-FF



INDOOR END ELEVATION



SIDE ELEVATION
AHU/MAU-H-FF

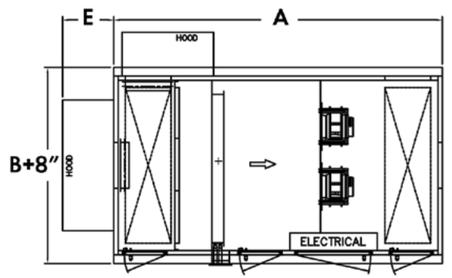
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-H	150.8	44.0	39.8	191.2	24.0
AHU/MAU-030-H	150.8	59.0	39.8	191.2	24.0
AHU/MAU-050-H	150.8	46.0	64.8	191.2	24.0
AHU/MAU-075-H	150.8	58.0	69.8	191.2	24.0
AHU/MAU-100-H	150.8	58.0	85.8	191.2	24.0
AHU/MAU-125-H	150.8	70.0	85.8	191.2	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-H	150.8	82.0	85.8	191.2	24.0
AHU/MAU-175-H	156.8	82.0	94.8	197.2	24.0
AHU/MAU-200-H	168.8	94.0	91.8	209.2	24.0
AHU/MAU-225-H	180.8	94.0	100.8	221.2	24.0
AHU/MAU-250-H	180.8	94.0	109.8	221.2	24.0

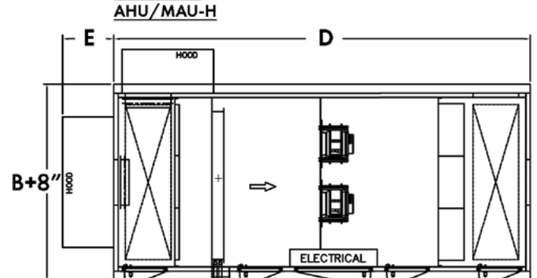
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-H — OUTDOOR UNITS

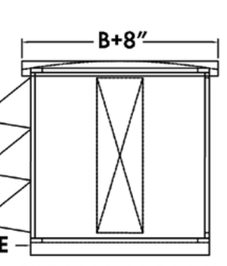
AHU, MIXING SECTION & MAKE UP AIR UNITS



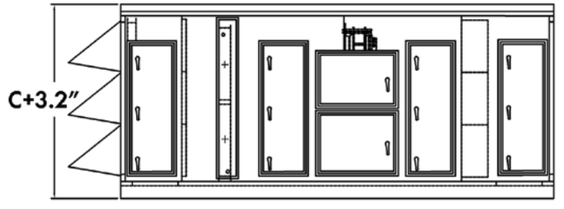
PLAN VIEW
AHU/MAU-H



PLAN VIEW
AHU/MAU-H-FF



OUTDOOR END ELEVATION



SIDE ELEVATION
AHU/MAU-H-FF

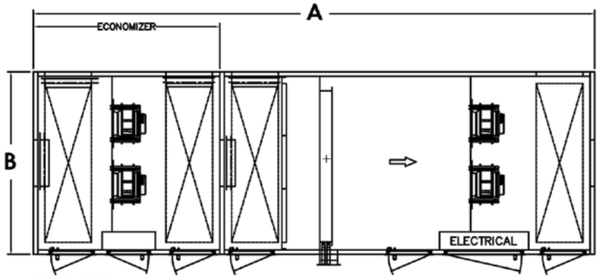
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-H	150.8	44.0	39.8	191.2	24.0
AHU/MAU-030-H	150.8	59.0	39.8	191.2	24.0
AHU/MAU-050-H	150.8	46.0	64.8	191.2	24.0
AHU/MAU-075-H	150.8	58.0	69.8	191.2	24.0
AHU/MAU-100-H	150.8	58.0	85.8	191.2	24.0
AHU/MAU-125-H	150.8	70.0	85.8	191.2	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-H	150.8	82.0	85.8	191.2	24.0
AHU/MAU-175-H	156.8	82.0	94.8	197.2	24.0
AHU/MAU-200-H	168.8	94.0	91.8	209.2	24.0
AHU/MAU-225-H	180.8	94.0	100.8	221.2	24.0
AHU/MAU-250-H	180.8	94.0	109.8	221.2	24.0

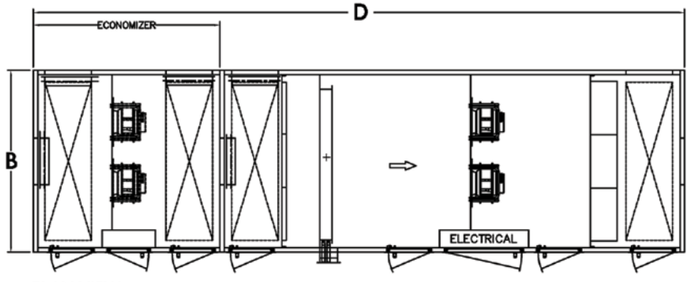
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-H — INDOOR UNITS

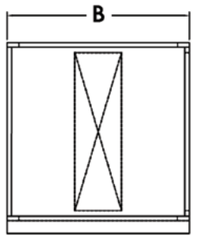
AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER



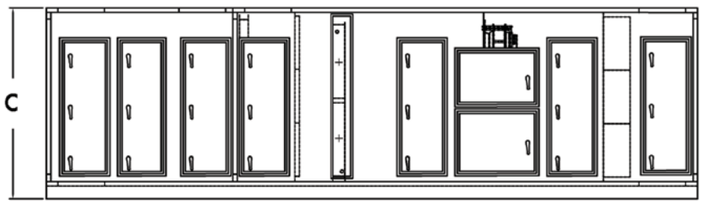
PLAN VIEW
ECZ-H



PLAN VIEW
ECZ-H-FF



INDOOR END ELEVATION



SIDE ELEVATION
ECZ-H-FF

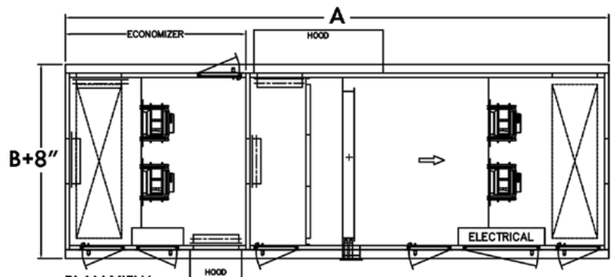
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-H	234.8	44.0	39.8	275.2	24.0
ECZ-030-H	234.8	59.0	39.8	275.2	24.0
ECZ-050-H	234.8	46.0	64.8	275.2	24.0
ECZ-075-H	234.8	58.0	69.8	275.2	24.0
ECZ-100-H	234.8	58.0	85.8	275.2	24.0
ECZ-125-H	234.8	70.0	85.8	275.2	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-H	234.8	82.0	85.8	275.2	24.0
ECZ-175-H	245.7	82.0	94.8	286.1	24.0
ECZ-200-H	269.7	94.0	91.8	310.1	24.0
ECZ-225-H	293.7	94.0	100.8	334.1	24.0
ECZ-250-H	293.7	94.0	109.8	334.1	24.0

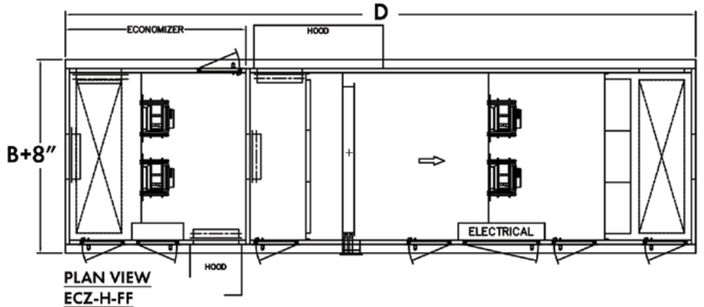
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-H — OUTDOOR UNITS

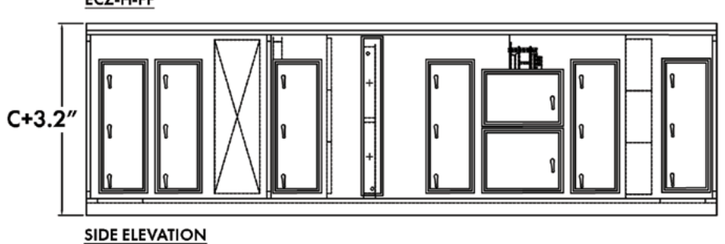
AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER



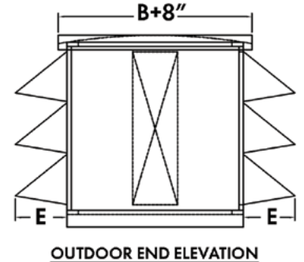
PLAN VIEW
ECZ-H



PLAN VIEW
ECZ-H-FF



SIDE ELEVATION
ECZ-H-FF



OUTDOOR END ELEVATION

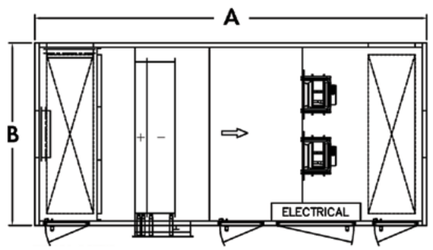
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-H	234.8	44.0	39.8	275.2	24.0
ECZ-030-H	234.8	59.0	39.8	275.2	24.0
ECZ-050-H	234.8	46.0	64.8	275.2	24.0
ECZ-075-H	234.8	58.0	69.8	275.2	24.0
ECZ-100-H	234.8	58.0	85.8	275.2	24.0
ECZ-125-H	234.8	70.0	85.8	275.2	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-H	234.8	82.0	85.8	275.2	24.0
ECZ-175-H	245.7	82.0	94.8	286.1	24.0
ECZ-200-H	269.7	94.0	91.8	310.1	24.0
ECZ-225-H	293.7	94.0	100.8	334.1	24.0
ECZ-250-H	293.7	94.0	109.8	334.1	24.0

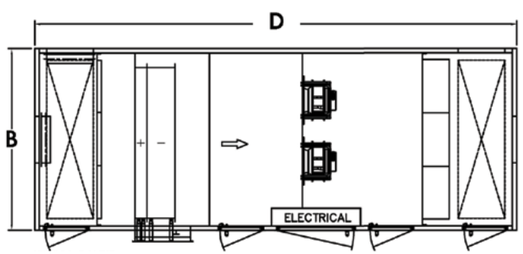
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-HC — INDOOR UNITS

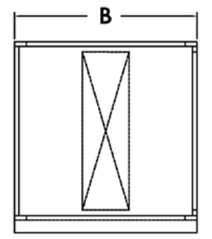
AHU, MIXING SECTION & MAKE UP AIR UNITS



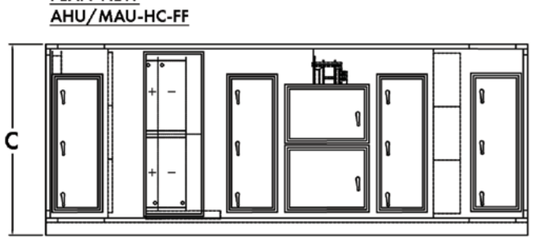
PLAN VIEW
AHU/MAU-HC



PLAN VIEW
AHU/MAU-HC-FF



INDOOR END ELEVATION



SIDE ELEVATION
AHU/MAU-HC-FF

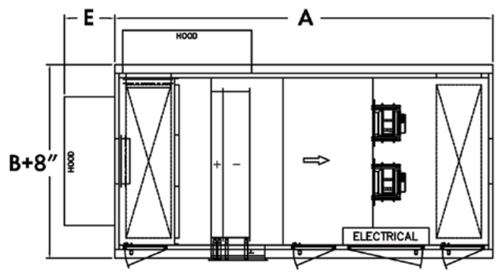
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-HC	176.3	44.0	39.8	216.7	24.0
AHU/MAU-030-HC	176.3	59.0	39.8	216.7	24.0
AHU/MAU-050-HC	176.3	46.0	64.8	216.7	24.0
AHU/MAU-075-HC	176.3	58.0	69.8	216.7	24.0
AHU/MAU-100-HC	176.3	58.0	85.8	216.7	24.0
AHU/MAU-125-HC	176.3	70.0	85.8	216.7	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-HC	176.3	82.0	85.8	216.7	24.0
AHU/MAU-175-HC	182.3	82.0	94.8	222.7	24.0
AHU/MAU-200-HC	194.3	94.0	91.8	234.7	24.0
AHU/MAU-225-HC	206.3	94.0	100.8	246.7	24.0
AHU/MAU-250-HC	206.3	94.0	109.8	246.7	24.0

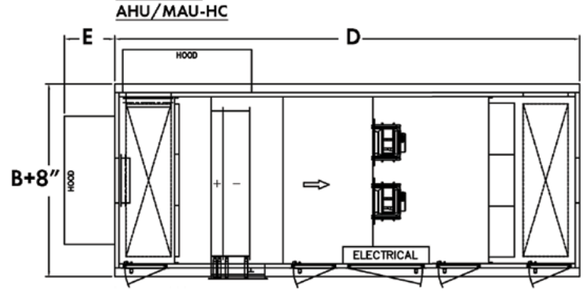
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-HC — OUTDOOR UNITS

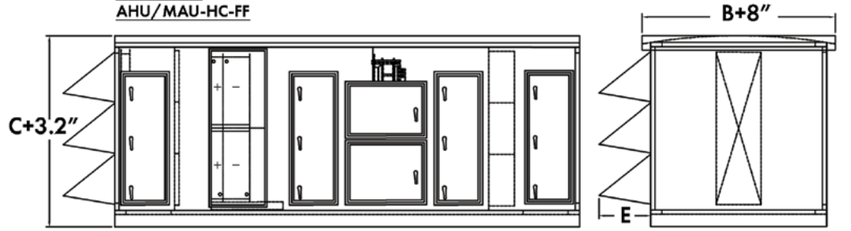
AHU, MIXING SECTION & MAKE UP AIR UNITS



PLAN VIEW
AHU/MAU-HC



PLAN VIEW
AHU/MAU-HC-FF



SIDE ELEVATION
AHU/MAU-HC-FF

OUTDOOR END ELEVATION

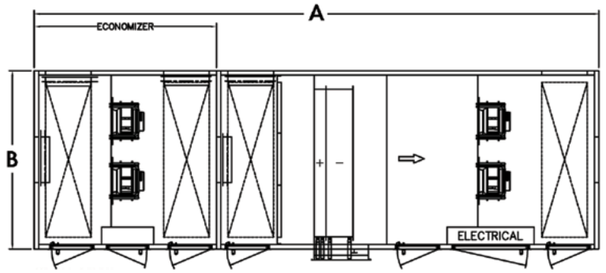
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-HC	176.3	44.0	39.8	216.7	24.0
AHU/MAU-030-HC	176.3	59.0	39.8	216.7	24.0
AHU/MAU-050-HC	176.3	46.0	64.8	216.7	24.0
AHU/MAU-075-HC	176.3	58.0	69.8	216.7	24.0
AHU/MAU-100-HC	176.3	58.0	85.8	216.7	24.0
AHU/MAU-125-HC	176.3	70.0	85.8	216.7	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-HC	176.3	82.0	85.8	216.7	24.0
AHU/MAU-175-HC	182.3	82.0	94.8	222.7	24.0
AHU/MAU-200-HC	194.3	94.0	91.8	234.7	24.0
AHU/MAU-225-HC	206.3	94.0	100.8	246.7	24.0
AHU/MAU-250-HC	206.3	94.0	109.8	246.7	24.0

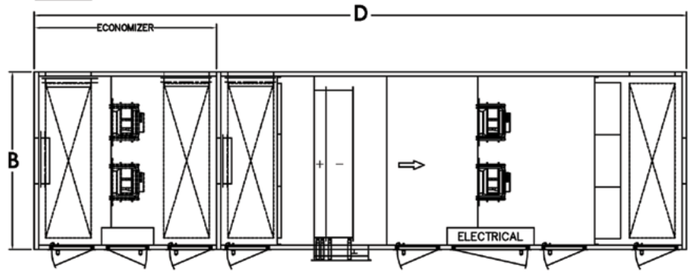
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-HC — INDOOR UNITS

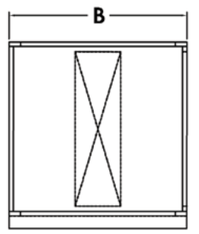
AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER



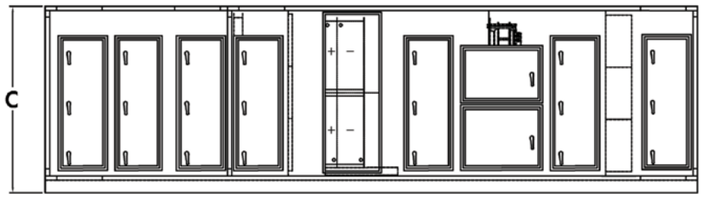
PLAN VIEW
ECZ-HC



PLAN VIEW
ECZ-HC-FF



INDOOR END ELEVATION



SIDE ELEVATION
ECZ-HC-FF

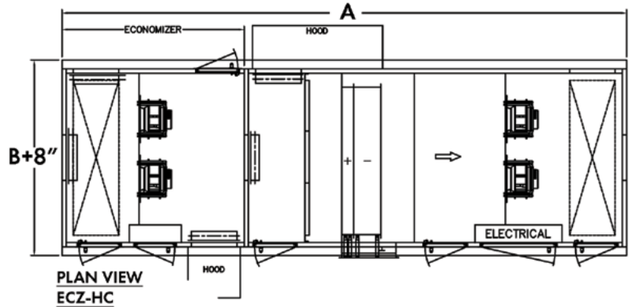
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-HC	260.3	44.0	39.8	300.7	24.0
ECZ-030-HC	260.3	59.0	39.8	300.7	24.0
ECZ-050-HC	260.3	46.0	64.8	300.7	24.0
ECZ-075-HC	260.3	58.0	69.8	300.7	24.0
ECZ-100-HC	260.3	58.0	85.8	300.7	24.0
ECZ-125-HC	260.3	70.0	85.8	300.7	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-HC	260.3	82.0	85.8	300.7	24.0
ECZ-175-HC	271.2	82.0	94.8	311.6	24.0
ECZ-200-HC	295.2	94.0	91.8	335.6	24.0
ECZ-225-HC	319.2	94.0	100.8	359.6	24.0
ECZ-250-HC	319.2	94.0	109.8	359.6	24.0

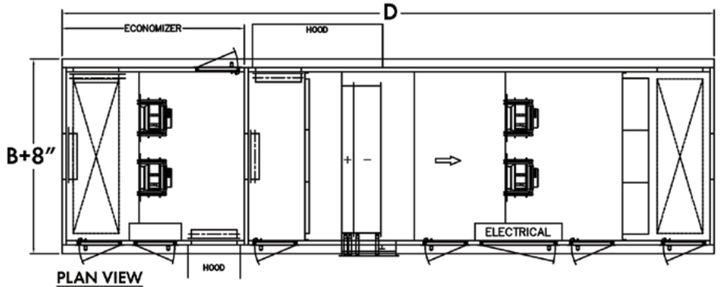
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-HC — OUTDOOR UNITS

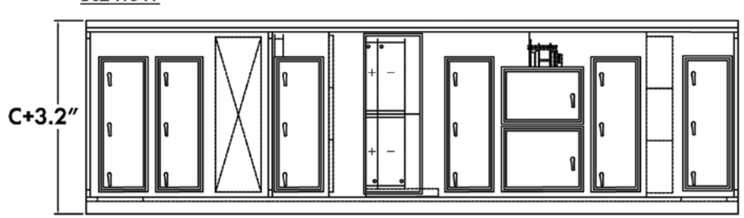
AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER



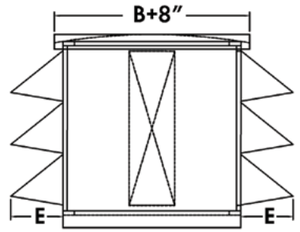
PLAN VIEW
ECZ-HC



PLAN VIEW
ECZ-HC-FF



SIDE ELEVATION
ECZ-HC-FF



OUTDOOR END ELEVATION

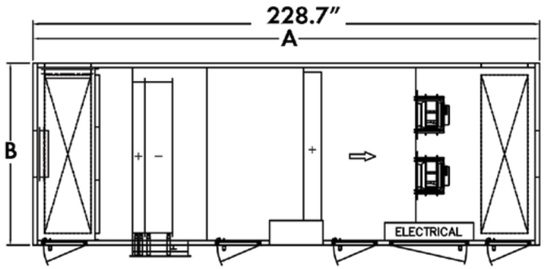
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-HC	260.3	44.0	39.8	300.7	24.0
ECZ-030-HC	260.3	59.0	39.8	300.7	24.0
ECZ-050-HC	260.3	46.0	64.8	300.7	24.0
ECZ-075-HC	260.3	58.0	69.8	300.7	24.0
ECZ-100-HC	260.3	58.0	85.8	300.7	24.0
ECZ-125-HC	260.3	70.0	85.8	300.7	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-HC	260.3	82.0	85.8	300.7	24.0
ECZ-175-HC	271.2	82.0	94.8	311.6	24.0
ECZ-200-HC	295.2	94.0	91.8	335.6	24.0
ECZ-225-HC	319.2	94.0	100.8	359.6	24.0
ECZ-250-HC	319.2	94.0	109.8	359.6	24.0

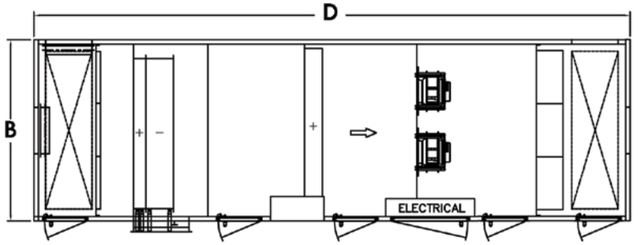
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-HCEH — INDOOR UNITS

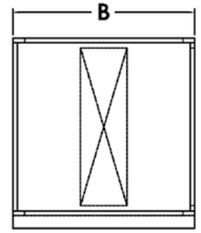
AHU, MIXING SECTION & MAKE UP AIR UNITS



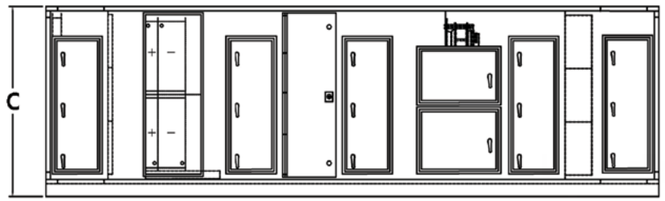
PLAN VIEW
AHU/MAU-HCEH



PLAN VIEW
AHU/MAU-HCEH-FF



INDOOR END ELEVATION



SIDE ELEVATION
AHU/MAU-HCEH-FF

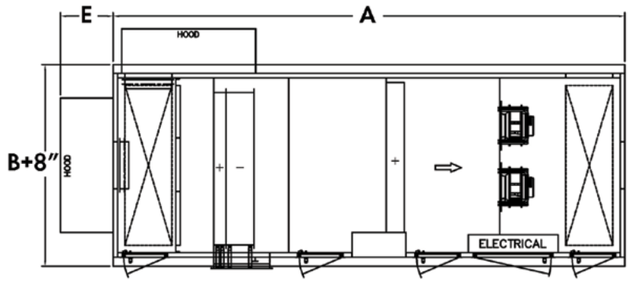
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-HCEH	228.7	44.0	39.8	269.1	24.0
AHU/MAU-030-HCEH	228.7	59.0	39.8	269.1	24.0
AHU/MAU-050-HCEH	228.7	46.0	64.8	269.1	24.0
AHU/MAU-075-HCEH	228.7	58.0	69.8	269.1	24.0
AHU/MAU-100-HCEH	228.7	58.0	85.8	269.1	24.0
AHU/MAU-125-HCEH	228.7	70.0	85.8	269.1	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-HCEH	228.7	82.0	85.8	269.1	24.0
AHU/MAU-175-HCEH	234.7	82.0	94.8	275.1	24.0
AHU/MAU-200-HCEH	246.7	94.0	91.8	287.1	24.0
AHU/MAU-225-HCEH	258.7	94.0	100.8	299.1	24.0
AHU/MAU-250-HCEH	258.7	94.0	109.8	299.1	24.0

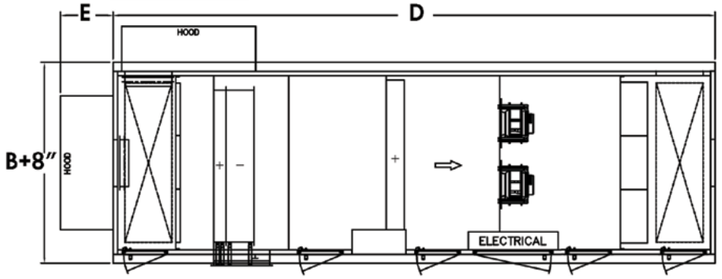
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-HCEH — OUTDOOR UNITS

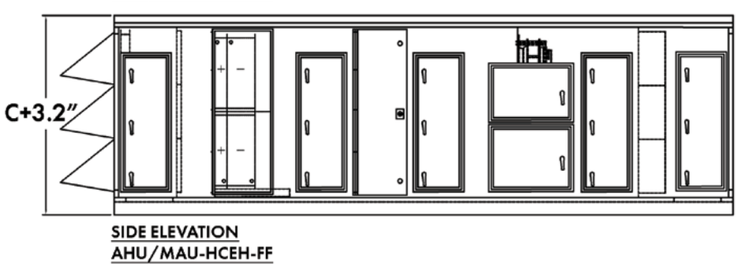
AHU, MIXING SECTION & MAKE UP AIR UNITS



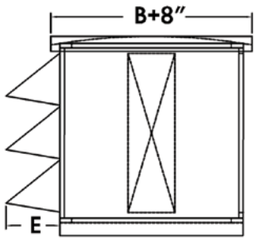
PLAN VIEW
AHU/MAU-HCEH



PLAN VIEW
AHU/MAU-HCEH-FF



SIDE ELEVATION
AHU/MAU-HCEH-FF



OUTDOOR END ELEVATION

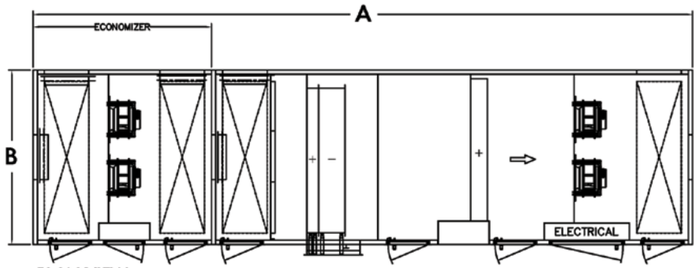
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-HCEH	228.7	44.0	39.8	269.1	24.0
AHU/MAU-030-HCEH	228.7	59.0	39.8	269.1	24.0
AHU/MAU-050-HCEH	228.7	46.0	64.8	269.1	24.0
AHU/MAU-075-HCEH	228.7	58.0	69.8	269.1	24.0
AHU/MAU-100-HCEH	228.7	58.0	85.8	269.1	24.0
AHU/MAU-125-HCEH	228.7	70.0	85.8	269.1	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-HCEH	228.7	82.0	85.8	269.1	24.0
AHU/MAU-175-HCEH	234.7	82.0	94.8	275.1	24.0
AHU/MAU-200-HCEH	246.7	94.0	91.8	287.1	24.0
AHU/MAU-225-HCEH	258.7	94.0	100.8	299.1	24.0
AHU/MAU-250-HCEH	258.7	94.0	109.8	299.1	24.0

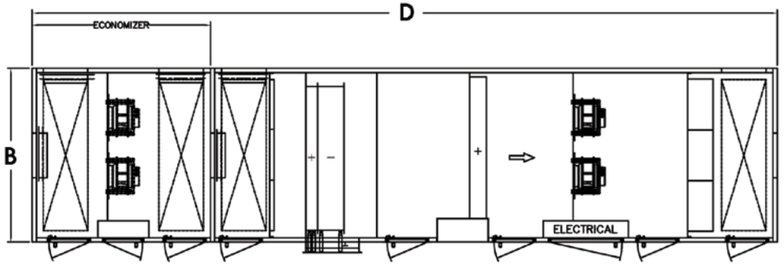
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-HCEH — INDOOR UNITS

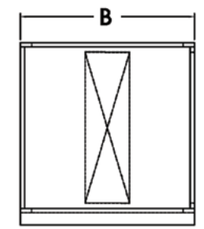
AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER



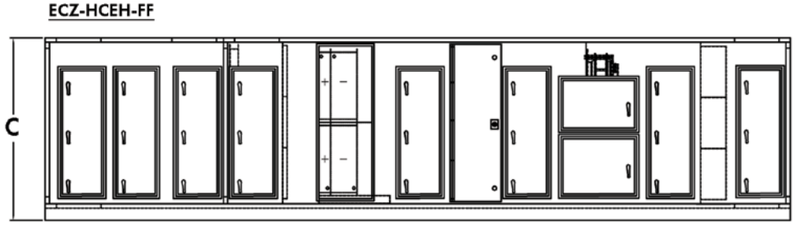
PLAN VIEW
ECZ-HCEH



PLAN VIEW
ECZ-HCEH-FF



INDOOR END ELEVATION



SIDE ELEVATION
ECZ-HCEH-FF

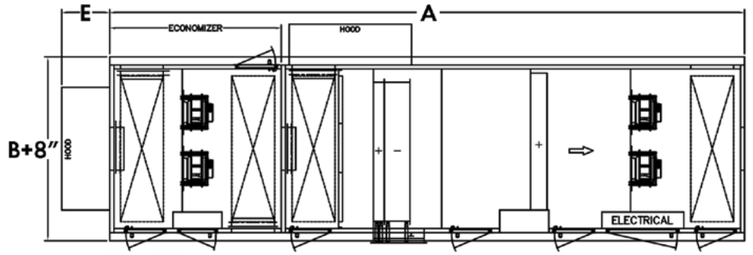
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-HCEH	312.7	44.0	39.8	353.1	24.0
ECZ-030-HCEH	312.7	59.0	39.8	353.1	24.0
ECZ-050-HCEH	312.7	46.0	64.8	353.1	24.0
ECZ-075-HCEH	312.7	58.0	69.8	353.1	24.0
ECZ-100-HCEH	312.7	58.0	85.8	353.1	24.0
ECZ-125-HCEH	312.7	70.0	85.8	353.1	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-HCEH	310.7	82.0	85.8	351.1	24.0
ECZ-175-HCEH	323.6	82.0	94.8	364.0	24.0
ECZ-200-HCEH	347.6	94.0	91.8	388.0	24.0
ECZ-225-HCEH	371.6	94.0	100.8	412.0	24.0
ECZ-250-HCEH	371.6	94.0	109.8	412.0	24.0

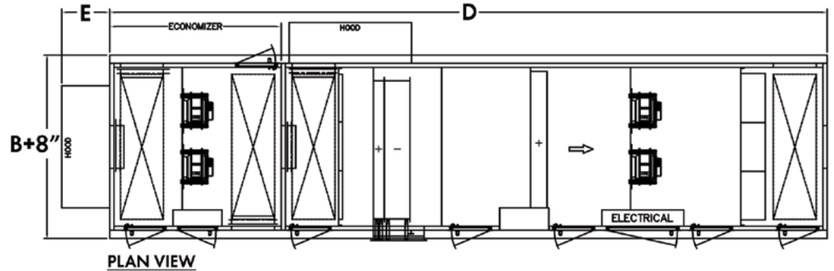
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-HCEH — OUTDOOR UNITS

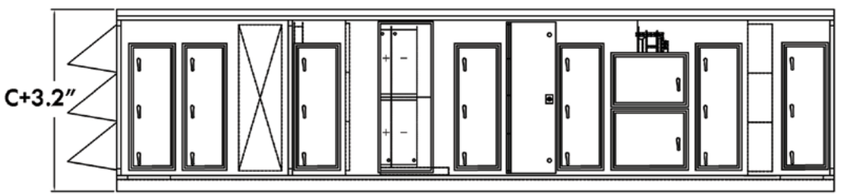
AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER



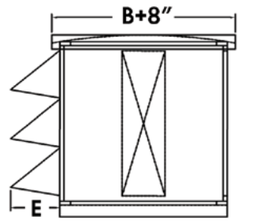
PLAN VIEW
ECZ-HCEH



PLAN VIEW
ECZ-HCEH-FF



SIDE ELEVATION
ECZ-HCEH-FF



OUTDOOR END ELEVATION

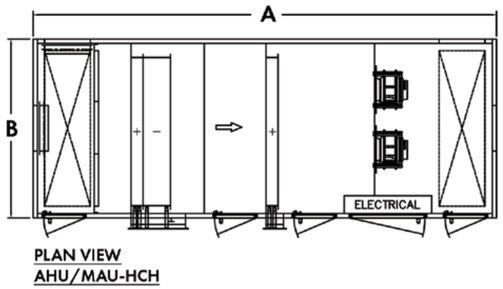
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-HCEH	312.7	44.0	39.8	353.1	24.0
ECZ-030-HCEH	312.7	59.0	39.8	353.1	24.0
ECZ-050-HCEH	312.7	46.0	64.8	353.1	24.0
ECZ-075-HCEH	312.7	58.0	69.8	353.1	24.0
ECZ-100-HCEH	312.7	58.0	85.8	353.1	24.0
ECZ-125-HCEH	312.7	70.0	85.8	353.1	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-HCEH	310.7	82.0	85.8	351.1	24.0
ECZ-175-HCEH	323.6	82.0	94.8	364.0	24.0
ECZ-200-HCEH	347.6	94.0	91.8	388.0	24.0
ECZ-225-HCEH	371.6	94.0	100.8	412.0	24.0
ECZ-250-HCEH	371.6	94.0	109.8	412.0	24.0

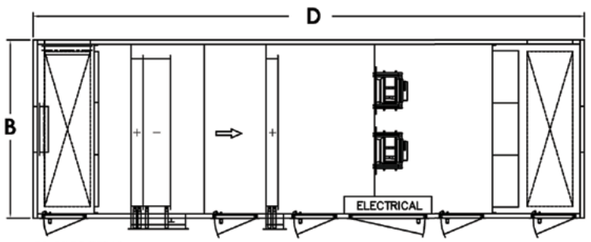
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-HCH — INDOOR UNITS

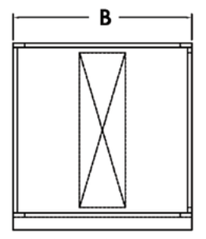
AHU, MIXING SECTION & MAKE UP AIR UNITS



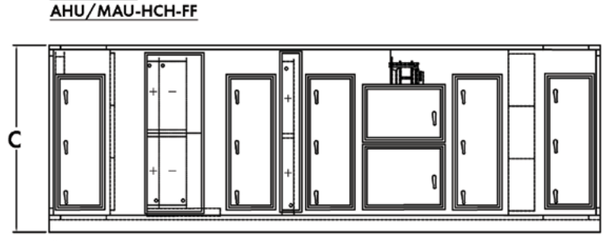
PLAN VIEW
AHU/MAU-HCH



PLAN VIEW
AHU/MAU-HCH-FF



INDOOR END ELEVATION



SIDE ELEVATION
AHU/MAU-HCH-FF

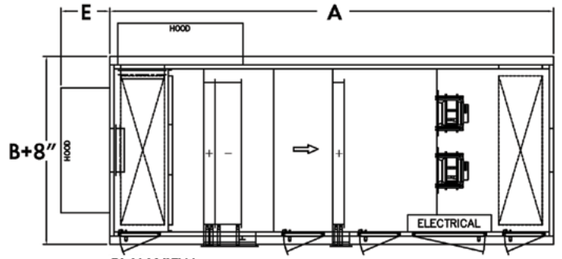
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-HCH	212.7	44.0	39.8	253.1	24.0
AHU/MAU-030-HCH	212.7	59.0	39.8	253.1	24.0
AHU/MAU-050-HCH	212.7	46.0	64.8	253.1	24.0
AHU/MAU-075-HCH	212.7	58.0	69.8	253.1	24.0
AHU/MAU-100-HCH	212.7	58.0	85.8	253.1	24.0
AHU/MAU-125-HCH	212.7	70.0	85.8	253.1	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-HCH	212.7	82.0	85.8	253.1	24.0
AHU/MAU-175-HCH	218.7	82.0	94.8	259.1	24.0
AHU/MAU-200-HCH	230.7	94.0	91.8	271.1	24.0
AHU/MAU-225-HCH	242.7	94.0	100.8	283.1	24.0
AHU/MAU-250-HCH	242.7	94.0	109.8	283.1	24.0

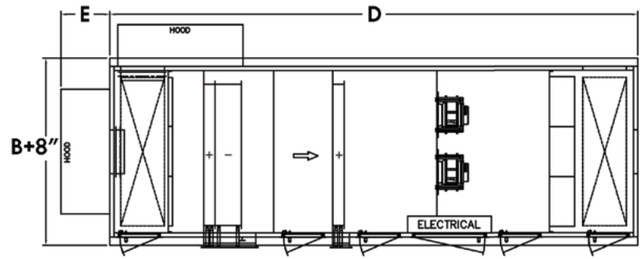
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-HCH — OUTDOOR UNITS

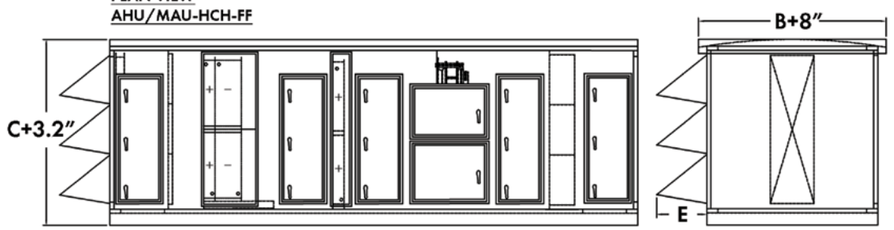
AHU, MIXING SECTION & MAKE UP AIR UNITS



PLAN VIEW
AHU/MAU-HCH



PLAN VIEW
AHU/MAU-HCH-FF



SIDE ELEVATION
AHU/MAU-HCH-FF

OUTDOOR END ELEVATION

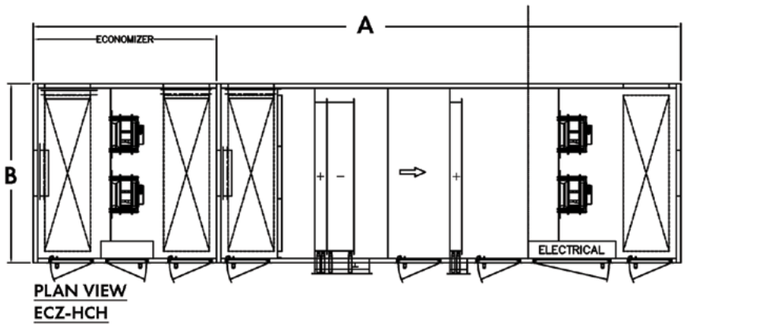
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-HCH	212.7	44.0	39.8	253.1	24.0
AHU/MAU-030-HCH	212.7	59.0	39.8	253.1	24.0
AHU/MAU-050-HCH	212.7	46.0	64.8	253.1	24.0
AHU/MAU-075-HCH	212.7	58.0	69.8	253.1	24.0
AHU/MAU-100-HCH	212.7	58.0	85.8	253.1	24.0
AHU/MAU-125-HCH	212.7	70.0	85.8	253.1	24.0

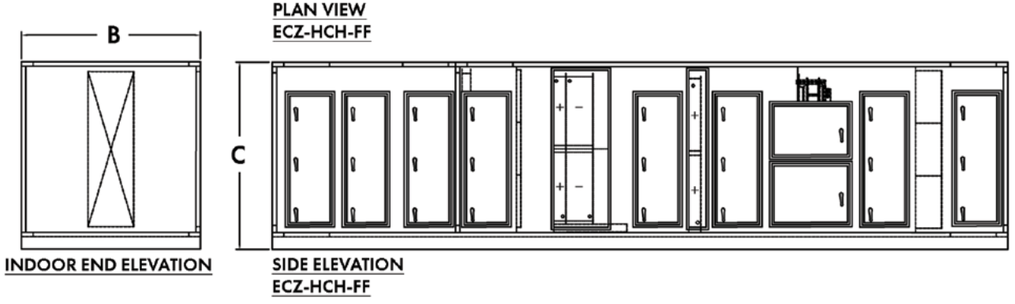
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-HCH	212.7	82.0	85.8	253.1	24.0
AHU/MAU-175-HCH	218.7	82.0	94.8	259.1	24.0
AHU/MAU-200-HCH	230.7	94.0	91.8	271.1	24.0
AHU/MAU-225-HCH	242.7	94.0	100.8	283.1	24.0
AHU/MAU-250-HCH	242.7	94.0	109.8	283.1	24.0

Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-HCH — INDOOR UNITS

AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER





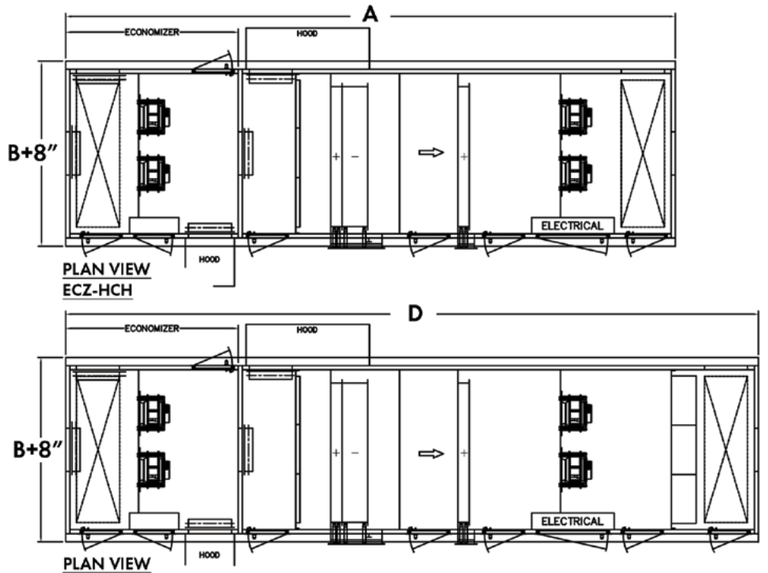
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-HCH	296.7	44.0	39.8	337.1	24.0
ECZ-030-HCH	296.7	59.0	39.8	337.1	24.0
ECZ-050-HCH	296.7	46.0	64.8	337.1	24.0
ECZ-075-HCH	296.7	58.0	69.8	337.1	24.0
ECZ-100-HCH	296.7	58.0	85.8	337.1	24.0
ECZ-125-HCH	296.7	70.0	85.8	337.1	24.0

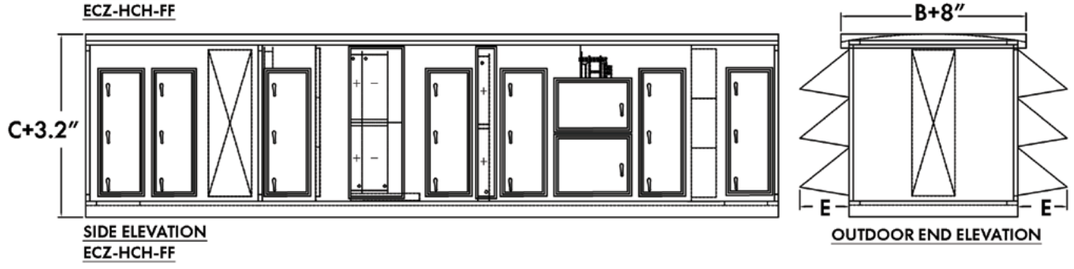
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-HCH	296.7	82.0	85.8	337.1	24.0
ECZ-175-HCH	307.6	82.0	94.8	348.0	24.0
ECZ-200-HCH	331.6	94.0	91.8	372.0	24.0
ECZ-225-HCH	355.6	94.0	100.8	396.0	24.0
ECZ-250-HCH	355.6	94.0	109.8	396.0	24.0

Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-HCH — OUTDOOR UNITS

AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER





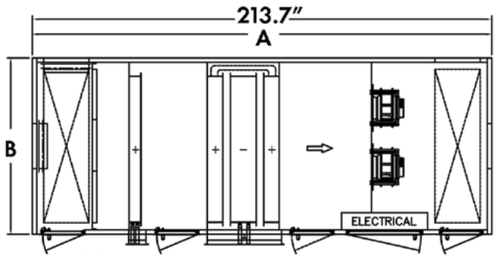
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-HCH	296.7	44.0	39.8	337.1	24.0
ECZ-030-HCH	296.7	59.0	39.8	337.1	24.0
ECZ-050-HCH	296.7	46.0	64.8	337.1	24.0
ECZ-075-HCH	296.7	58.0	69.8	337.1	24.0
ECZ-100-HCH	296.7	58.0	85.8	337.1	24.0
ECZ-125-HCH	296.7	70.0	85.8	337.1	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-HCH	296.7	82.0	85.8	337.1	24.0
ECZ-175-HCH	307.6	82.0	94.8	348.0	24.0
ECZ-200-HCH	331.6	94.0	91.8	372.0	24.0
ECZ-225-HCH	355.6	94.0	100.8	396.0	24.0
ECZ-250-HCH	355.6	94.0	109.8	396.0	24.0

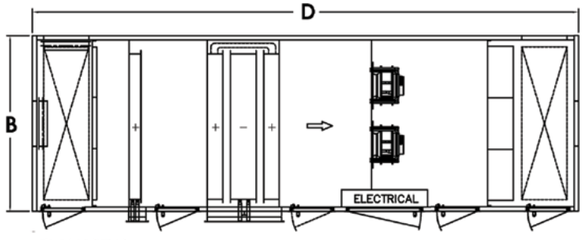
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-HHP — INDOOR UNITS

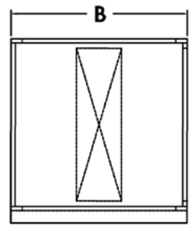
AHU, MIXING SECTION & MAKE UP AIR UNITS



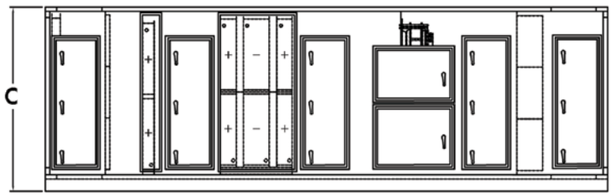
PLAN VIEW
AHU/MAU-HHP



PLAN VIEW
AHU/MAU-HHP-FF



INDOOR END ELEVATION



SIDE ELEVATION
AHU/MAU-HHP-FF

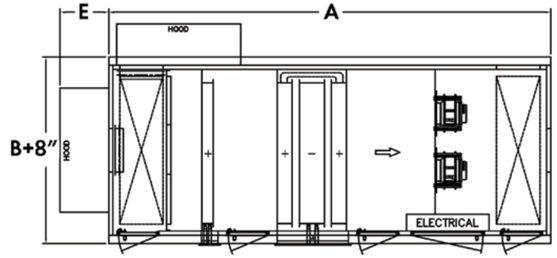
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-HHP	213.7	44.0	39.8	254.1	24.0
AHU/MAU-030-HHP	213.7	59.0	39.8	254.1	24.0
AHU/MAU-050-HHP	213.7	46.0	64.8	254.1	24.0
AHU/MAU-075-HHP	213.7	58.0	69.8	254.1	24.0
AHU/MAU-100-HHP	213.7	58.0	85.8	254.1	24.0
AHU/MAU-125-HHP	213.7	70.0	85.8	254.1	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-HHP	213.7	82.0	85.8	254.1	24.0
AHU/MAU-175-HHP	219.7	82.0	94.8	260.1	24.0
AHU/MAU-200-HHP	231.7	94.0	91.8	272.1	24.0
AHU/MAU-225-HHP	243.7	94.0	100.8	284.1	24.0
AHU/MAU-250-HHP	243.7	94.0	109.8	284.1	24.0

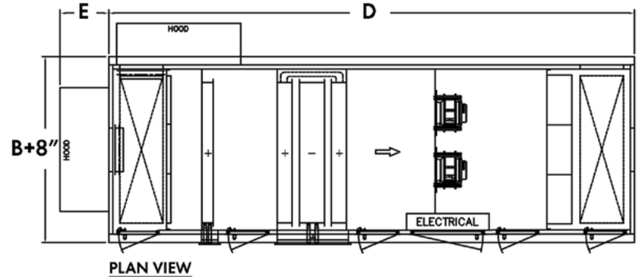
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-HHP — OUTDOOR UNITS

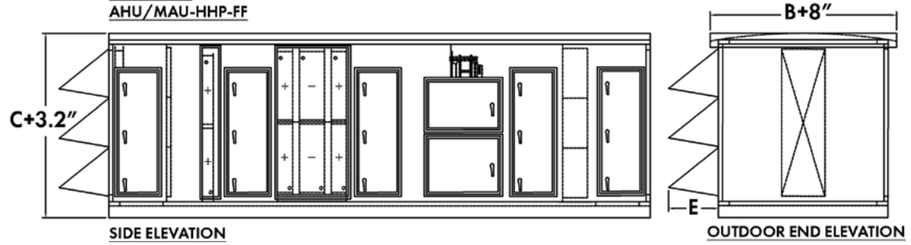
AHU, MIXING SECTION & MAKE UP AIR UNITS



PLAN VIEW
AHU/MAU-HHP



PLAN VIEW
AHU/MAU-HHP-FF



SIDE ELEVATION
AHU/MAU-HHP-FF

OUTDOOR END ELEVATION

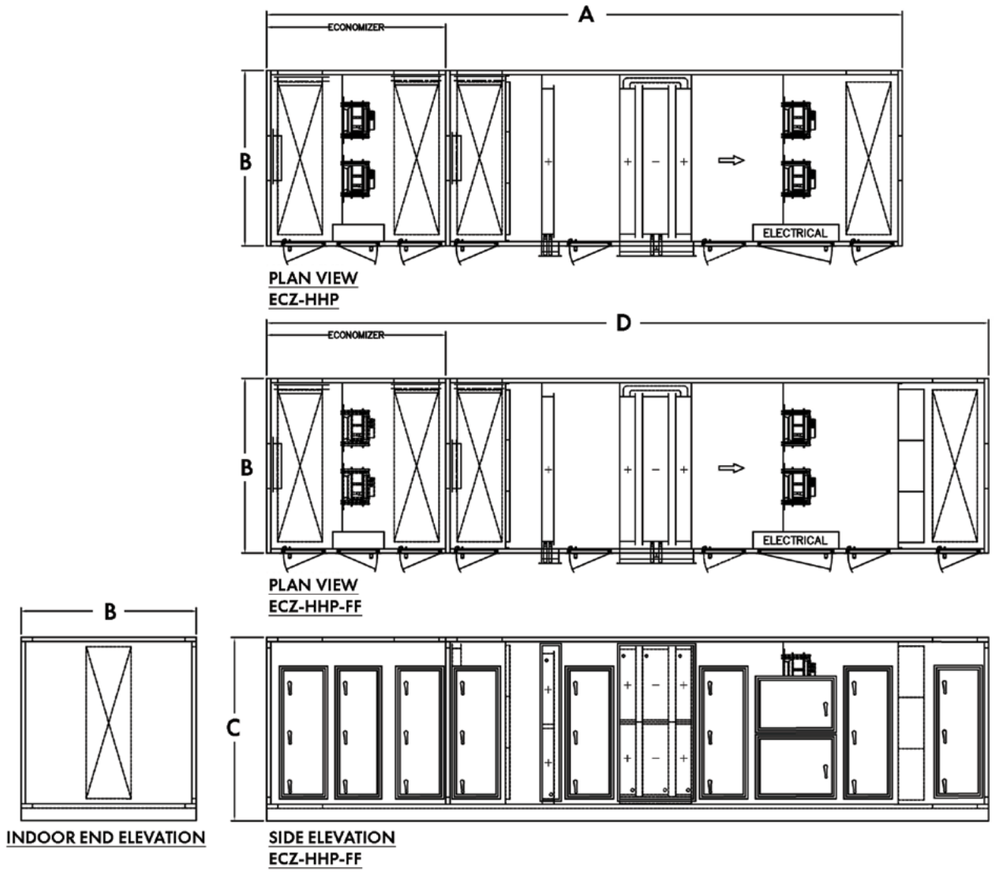
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-HHP	213.7	44.0	39.8	254.1	24.0
AHU/MAU-030-HHP	213.7	59.0	39.8	254.1	24.0
AHU/MAU-050-HHP	213.7	46.0	64.8	254.1	24.0
AHU/MAU-075-HHP	213.7	58.0	69.8	254.1	24.0
AHU/MAU-100-HHP	213.7	58.0	85.8	254.1	24.0
AHU/MAU-125-HHP	213.7	70.0	85.8	254.1	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-HHP	213.7	82.0	85.8	254.1	24.0
AHU/MAU-175-HHP	219.7	82.0	94.8	260.1	24.0
AHU/MAU-200-HHP	231.7	94.0	91.8	272.1	24.0
AHU/MAU-225-HHP	243.7	94.0	100.8	284.1	24.0
AHU/MAU-250-HHP	243.7	94.0	109.8	284.1	24.0

Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-HHP — INDOOR UNITS

AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER



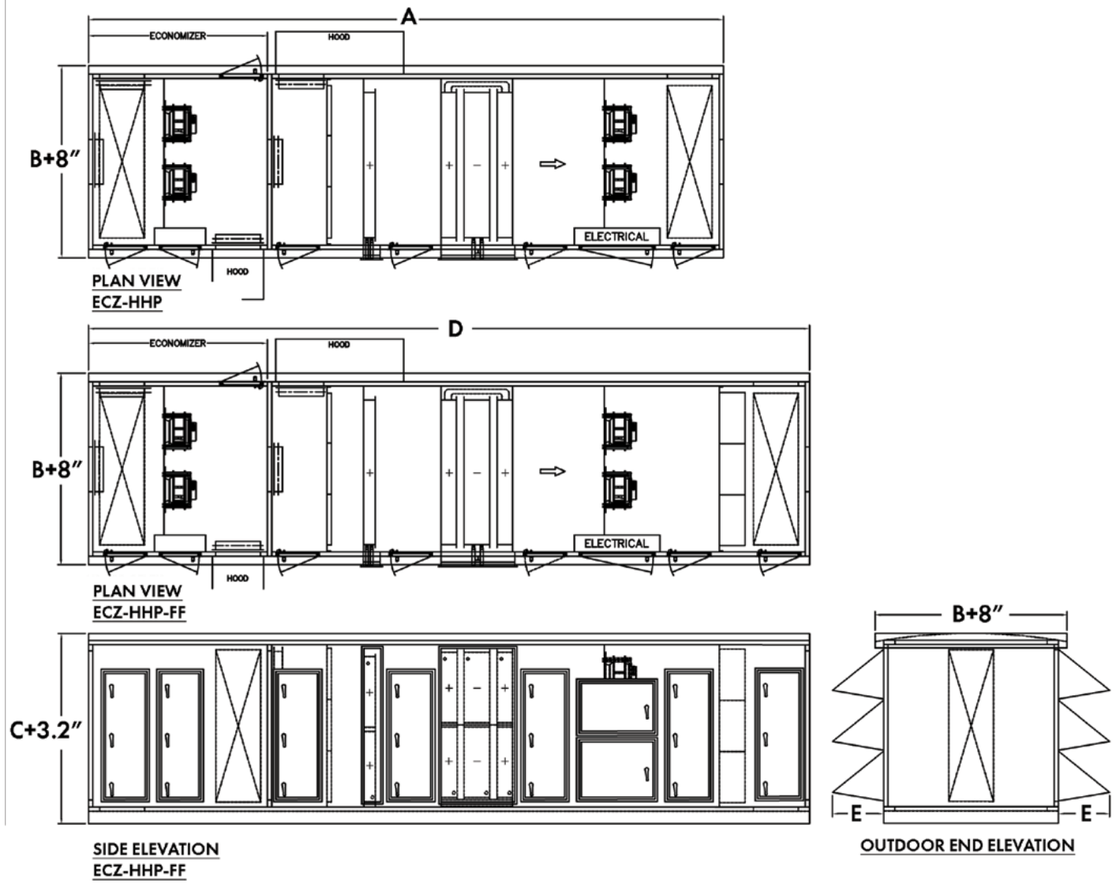
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-HHP	297.7	44.0	39.8	338.1	24.0
ECZ-030-HHP	297.7	59.0	39.8	338.1	24.0
ECZ-050-HHP	297.7	46.0	64.8	338.1	24.0
ECZ-075-HHP	297.7	58.0	69.8	338.1	24.0
ECZ-100-HHP	297.7	58.0	85.8	338.1	24.0
ECZ-125-HHP	297.7	70.0	85.8	338.1	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-HHP	297.7	82.0	85.8	338.1	24.0
ECZ-175-HHP	308.6	82.0	94.8	349.0	24.0
ECZ-200-HHP	332.6	94.0	91.8	373.0	24.0
ECZ-225-HHP	356.6	94.0	100.8	397.0	24.0
ECZ-250-HHP	356.6	94.0	109.8	397.0	24.0

Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-HHP — OUTDOOR UNITS

AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER



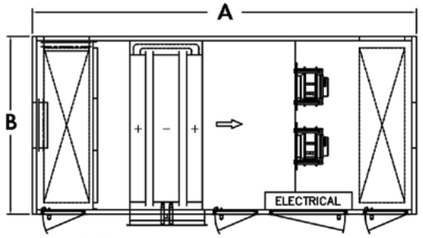
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-HHP	297.7	44.0	39.8	338.1	24.0
ECZ-030-HHP	297.7	59.0	39.8	338.1	24.0
ECZ-050-HHP	297.7	46.0	64.8	338.1	24.0
ECZ-075-HHP	297.7	58.0	69.8	338.1	24.0
ECZ-100-HHP	297.7	58.0	85.8	338.1	24.0
ECZ-125-HHP	297.7	70.0	85.8	338.1	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-HHP	297.7	82.0	85.8	338.1	24.0
ECZ-175-HHP	308.6	82.0	94.8	349.0	24.0
ECZ-200-HHP	332.6	94.0	91.8	373.0	24.0
ECZ-225-HHP	356.6	94.0	100.8	397.0	24.0
ECZ-250-HHP	356.6	94.0	109.8	397.0	24.0

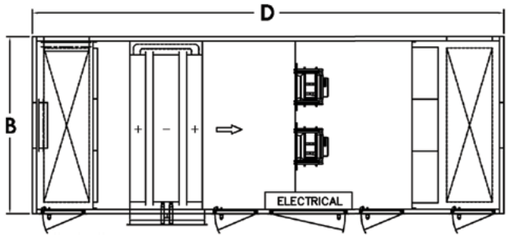
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-HP — INDOOR UNITS

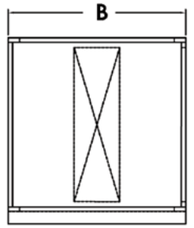
AHU, MIXING SECTION & MAKE UP AIR UNITS



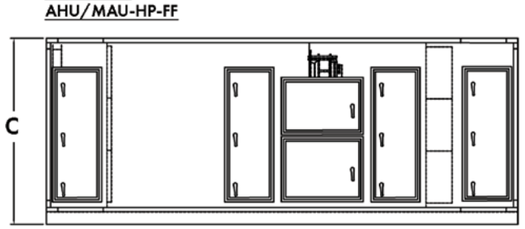
PLAN VIEW
AHU/MAU-HP



PLAN VIEW
AHU/MAU-HP-FF



INDOOR END ELEVATION



SIDE ELEVATION
AHU/MAU-HP-FF

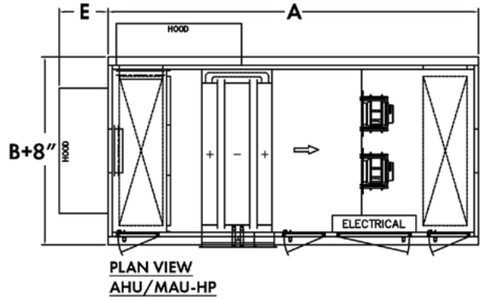
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-HP	177.3	44.0	39.8	217.7	24.0
AHU/MAU-030-HP	177.3	59.0	39.8	217.7	24.0
AHU/MAU-050-HP	177.3	46.0	64.8	217.7	24.0
AHU/MAU-075-HP	177.3	58.0	69.8	217.7	24.0
AHU/MAU-100-HP	177.3	58.0	85.8	217.7	24.0
AHU/MAU-125-HP	177.3	70.0	85.8	217.7	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-HP	177.3	82.0	85.8	217.7	24.0
AHU/MAU-175-HP	183.3	82.0	94.8	223.7	24.0
AHU/MAU-200-HP	195.3	94.0	91.9	235.7	24.0
AHU/MAU-225-HP	207.3	94.0	100.8	247.7	24.0
AHU/MAU-250-HP	207.3	94.0	109.8	247.7	24.0

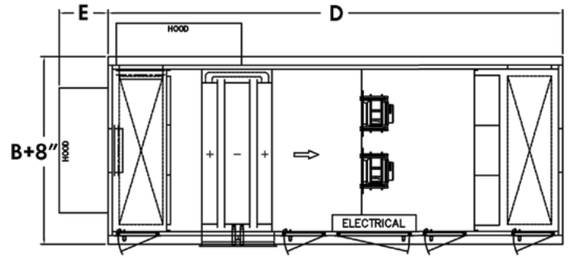
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-HP — OUTDOOR UNITS

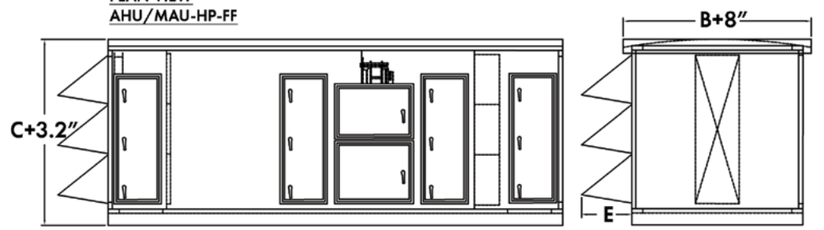
AHU, MIXING SECTION & MAKE UP AIR UNITS



PLAN VIEW
AHU/MAU-HP



PLAN VIEW
AHU/MAU-HP-FF



SIDE ELEVATION
AHU/MAU-HP-FF

OUTDOOR END ELEVATION

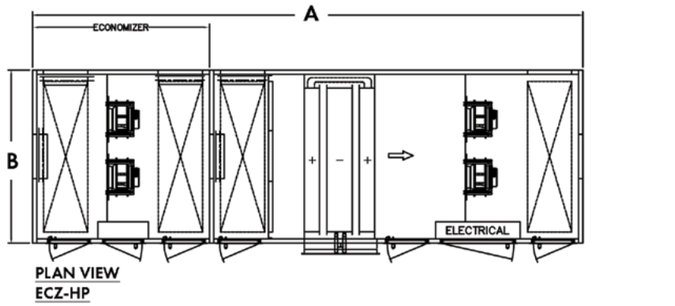
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-HP	177.3	44.0	39.8	217.7	24.0
AHU/MAU-030-HP	177.3	59.0	39.8	217.7	24.0
AHU/MAU-050-HP	177.3	46.0	64.8	217.7	24.0
AHU/MAU-075-HP	177.3	58.0	69.8	217.7	24.0
AHU/MAU-100-HP	177.3	58.0	85.8	217.7	24.0
AHU/MAU-125-HP	177.3	70.0	85.8	217.7	24.0

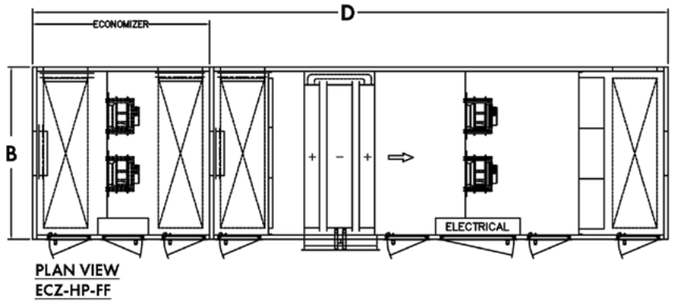
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-HP	177.3	82.0	85.8	217.7	24.0
AHU/MAU-175-HP	183.3	82.0	94.8	223.7	24.0
AHU/MAU-200-HP	195.3	94.0	91.9	235.7	24.0
AHU/MAU-225-HP	207.3	94.0	100.8	247.7	24.0
AHU/MAU-250-HP	207.3	94.0	109.8	247.7	24.0

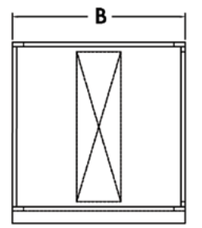
Click here for service clearance dimensions
Click here for unit weights

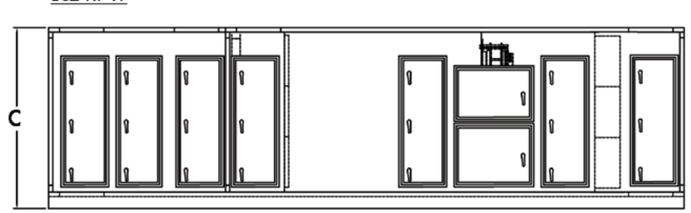
DIMENSIONAL DATA — ECZ-HP — INDOOR UNITS

AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER









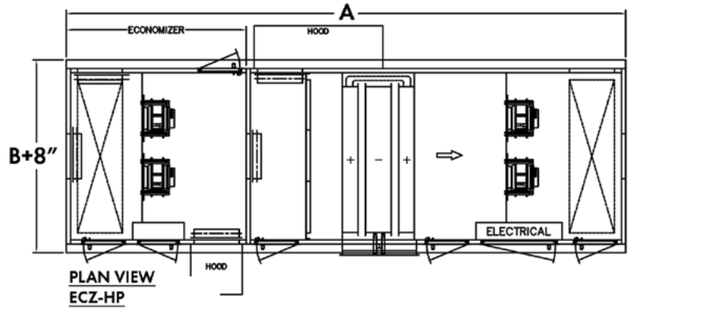
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-HP	261.3	44.0	39.8	301.7	24.0
ECZ-030-HP	261.3	59.0	39.8	301.7	24.0
ECZ-050-HP	261.3	46.0	64.8	301.7	24.0
ECZ-075-HP	261.3	58.0	69.8	301.7	24.0
ECZ-100-HP	261.3	58.0	85.8	301.7	24.0
ECZ-125-HP	261.3	70.0	85.8	301.7	24.0

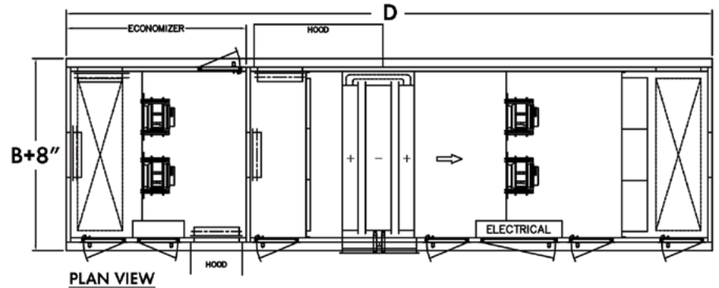
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-HP	261.3	82.0	85.8	301.7	24.0
ECZ-175-HP	272,2	82.0	94.8	312.6	24.0
ECZ-200-HP	296.2	94.0	91.8	336.6	24.0
ECZ-225-HP	320.2	94.0	100.8	360.6	24.0
ECZ-250-HP	320.2	94.0	109.8	360.6	24.0

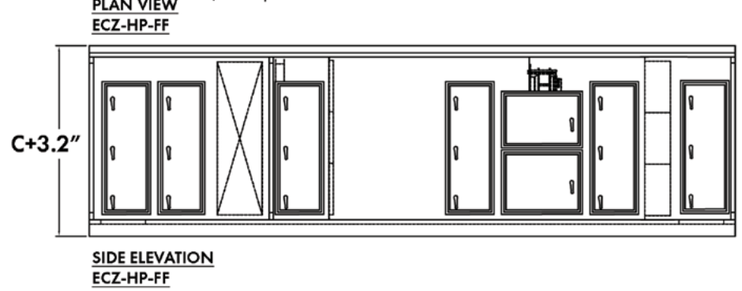
Click here for service clearance dimensions
Click here for unit weights

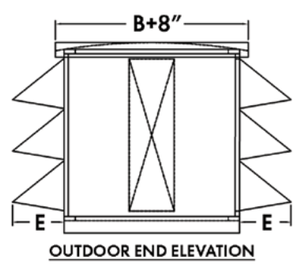
DIMENSIONAL DATA — ECZ-HP — OUTDOOR UNITS

AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER









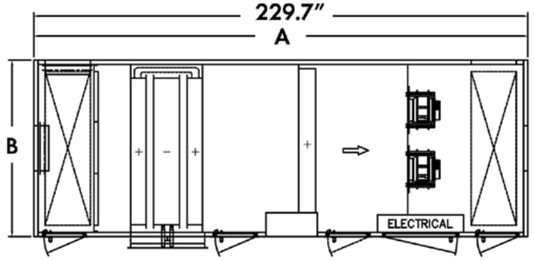
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-HP	261.3	44.0	39.8	301.7	24.0
ECZ-030-HP	261.3	59.0	39.8	301.7	24.0
ECZ-050-HP	261.3	46.0	64.8	301.7	24.0
ECZ-075-HP	261.3	58.0	69.8	301.7	24.0
ECZ-100-HP	261.3	58.0	85.8	301.7	24.0
ECZ-125-HP	261.3	70.0	85.8	301.7	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-HP	261.3	82.0	85.8	301.7	24.0
ECZ-175-HP	272,2	82.0	94.8	312.6	24.0
ECZ-200-HP	296.2	94.0	91.8	336.6	24.0
ECZ-225-HP	320.2	94.0	100.8	360.6	24.0
ECZ-250-HP	320.2	94.0	109.8	360.6	24.0

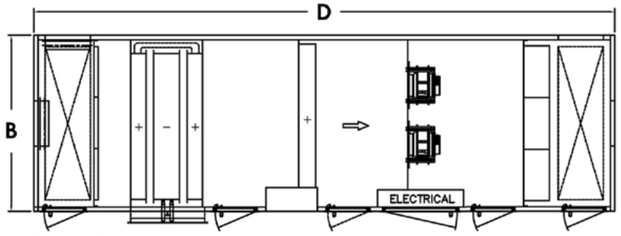
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-HPEH — INDOOR UNITS

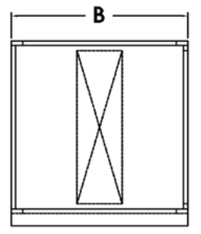
AHU, MIXING SECTION & MAKE UP AIR UNITS



PLAN VIEW
AHU/MAU-HPEH



PLAN VIEW
AHU/MAU-HPEH-FF



INDOOR END ELEVATION

SIDE ELEVATION
AHU/MAU-HPEH-FF

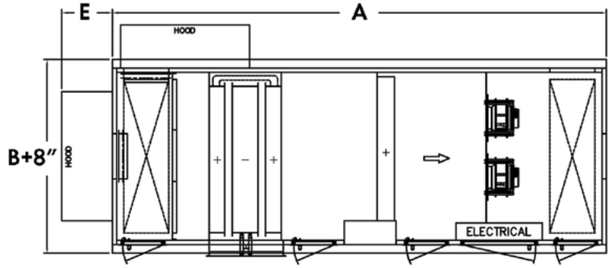
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-HPEH	229.7	44.0	39.8	270.1	24.0
AHU/MAU-030-HPEH	229.7	59.0	39.8	270.1	24.0
AHU/MAU-050-HPEH	229.7	46.0	64.8	270.1	24.0
AHU/MAU-075-HPEH	229.7	58.0	69.8	270.1	24.0
AHU/MAU-100-HPEH	229.7	58.0	85.8	270.1	24.0
AHU/MAU-125-HPEH	229.7	70.0	85.8	270.1	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-HPEH	229.7	82.0	85.8	270.1	24.0
AHU/MAU-175-HPEH	235.7	82.0	94.8	276.1	24.0
AHU/MAU-200-HPEH	247.7	94.0	91.8	288.1	24.0
AHU/MAU-225-HPEH	259.7	94.0	100.8	300.1	24.0
AHU/MAU-250-HPEH	259.7	94.0	109.8	300.1	24.0

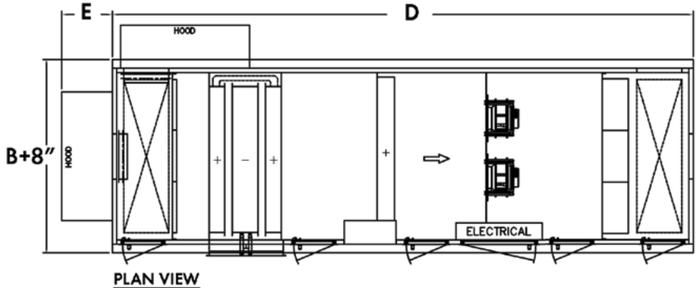
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-HPEH — OUTDOOR UNITS

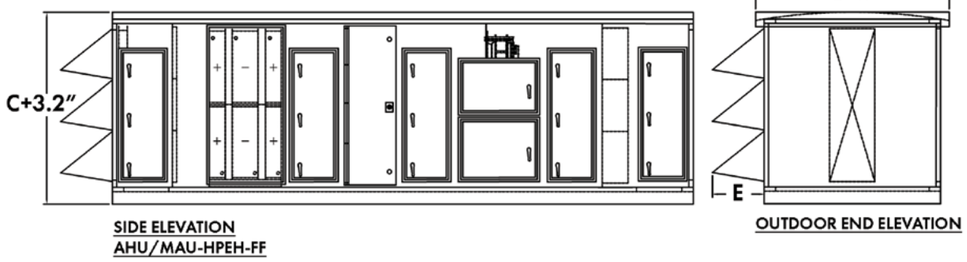
AHU, MIXING SECTION & MAKE UP AIR UNITS



PLAN VIEW
AHU/MAU-HPEH



PLAN VIEW
AHU/MAU-HPEH-FF



SIDE ELEVATION
AHU/MAU-HPEH-FF

OUTDOOR END ELEVATION

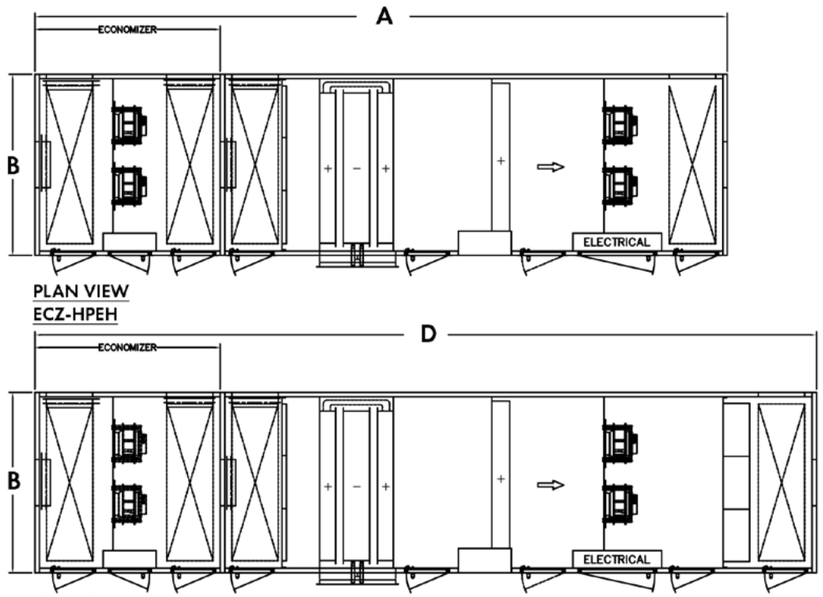
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-HPEH	229.7	44.0	39.8	270.1	24.0
AHU/MAU-030-HPEH	229.7	59.0	39.8	270.1	24.0
AHU/MAU-050-HPEH	229.7	46.0	64.8	270.1	24.0
AHU/MAU-075-HPEH	229.7	58.0	69.8	270.1	24.0
AHU/MAU-100-HPEH	229.7	58.0	85.8	270.1	24.0
AHU/MAU-125-HPEH	229.7	70.0	85.8	270.1	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-HPEH	229.7	82.0	85.8	270.1	24.0
AHU/MAU-175-HPEH	235.7	82.0	94.8	276.1	24.0
AHU/MAU-200-HPEH	247.7	94.0	91.8	288.1	24.0
AHU/MAU-225-HPEH	259.7	94.0	100.8	300.1	24.0
AHU/MAU-250-HPEH	259.7	94.0	109.8	300.1	24.0

Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-HPEH — INDOOR UNITS

AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER



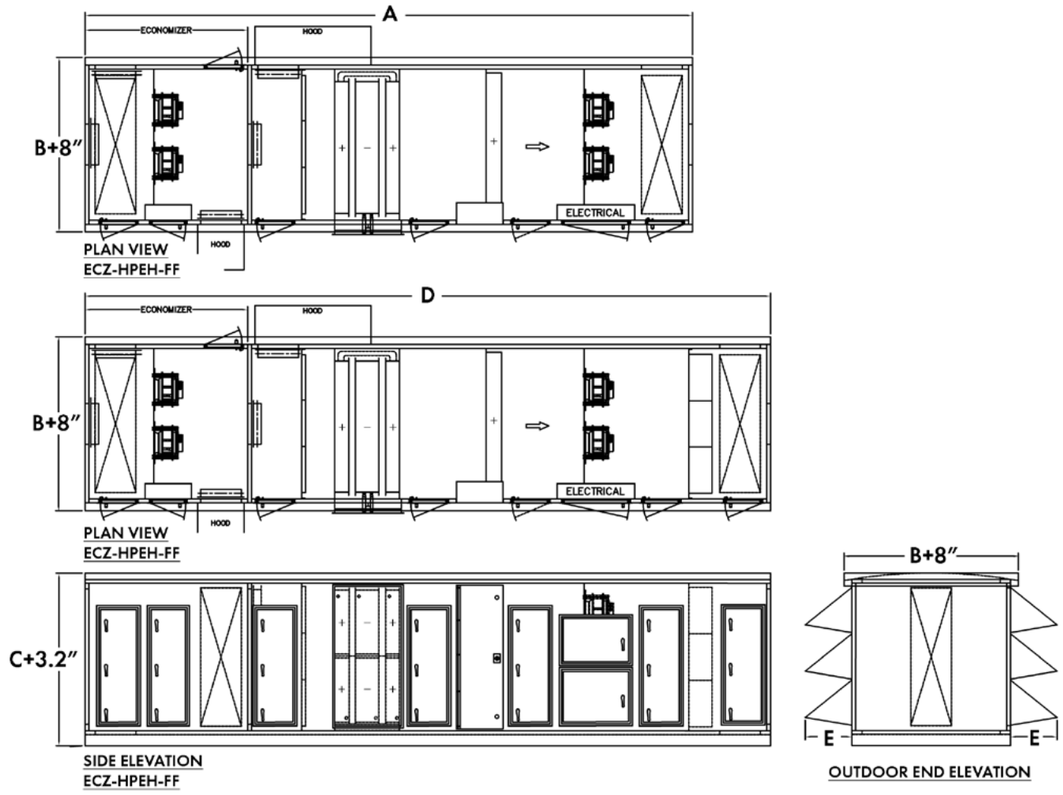
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-HPEH	313.7	44.0	39.8	354.1	24.0
ECZ-030-HPEH	313.7	59.0	39.8	354.1	24.0
ECZ-050-HPEH	313.7	46.0	64.8	354.1	24.0
ECZ-075-HPEH	313.7	58.0	69.8	354.1	24.0
ECZ-100-HPEH	313.7	58.0	85.8	354.1	24.0
ECZ-125-HPEH	313.7	70.0	85.8	354.1	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-HPEH	313.7	82.0	85.8	354.1	24.0
ECZ-175-HPEH	324.6	82.0	94.8	365.0	24.0
ECZ-200-HPEH	348.6	94.0	91.8	389.0	24.0
ECZ-225-HPEH	372.6	94.0	100.8	413.0	24.0
ECZ-250-HPEH	372.6	94.0	109.8	413.0	24.0

Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-HPEH — OUTDOOR UNITS

AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER



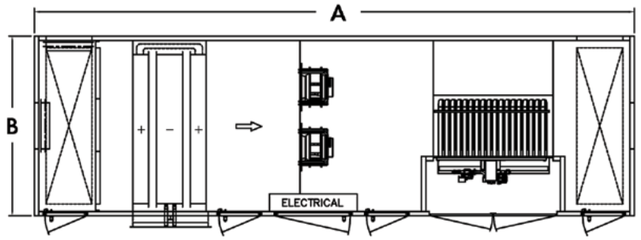
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-HPEH	313.7	44.0	39.8	354.1	24.0
ECZ-030-HPEH	313.7	59.0	39.8	354.1	24.0
ECZ-050-HPEH	313.7	46.0	64.8	354.1	24.0
ECZ-075-HPEH	313.7	58.0	69.8	354.1	24.0
ECZ-100-HPEH	313.7	58.0	85.8	354.1	24.0
ECZ-125-HPEH	313.7	70.0	85.8	354.1	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-HPEH	313.7	82.0	85.8	354.1	24.0
ECZ-175-HPEH	324.6	82.0	94.8	365.0	24.0
ECZ-200-HPEH	348.6	94.0	91.8	389.0	24.0
ECZ-225-HPEH	372.6	94.0	100.8	413.0	24.0
ECZ-250-HPEH	372.6	94.0	109.8	413.0	24.0

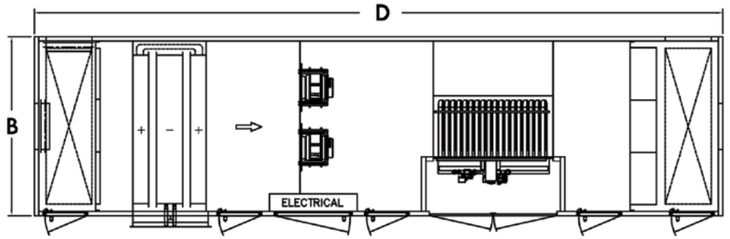
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-HPGB — INDOOR UNITS

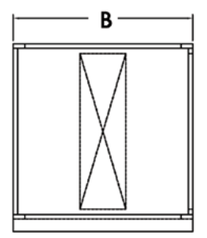
AHU, MIXING SECTION & MAKE UP AIR UNITS



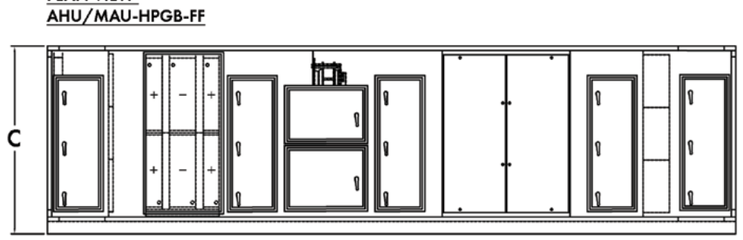
PLAN VIEW
AHU/MAU-HPGB



PLAN VIEW
AHU/MAU-HPGB-FF



INDOOR END ELEVATION



SIDE ELEVATION
AHU/MAU-HPGB-FF

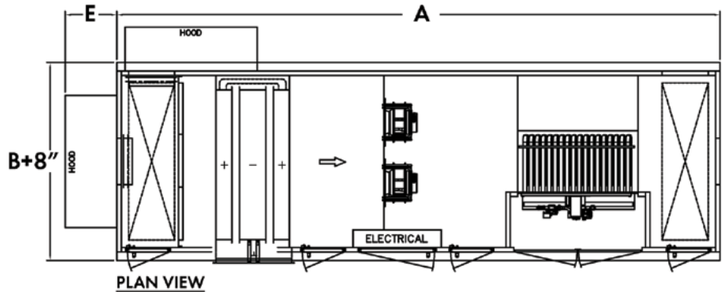
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-HPGB	248.8	44.0	39.8	289.2	24.0
AHU/MAU-030-HPGB	253.2	59.0	39.8	293.6	24.0
AHU/MAU-050-HPGB	275.2	46.0	64.8	315.6	24.0
AHU/MAU-075-HPGB	266.0	58.0	69.8	306.4	24.0
AHU/MAU-100/HPGB	274.2	58.0	85.8	314.6	24.0
AHU/MAU-125/HPGB	264.4	70.0	85.8	304.8	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-HPGB	274.2	82.0	85.8	314.6	24.0
AHU/MAU-175-HPGB	280.2	82.0	94.8	320.6	24.0
AHU/MAU-200-HPGB	289.8	94.0	91.8	330.2	24.0
AHU/MAU-225-HPGB	301.8	94.0	100.8	342.2	24.0
AHU/MAU-250-HPGB	301.8	94.0	109.8	342.2	24.0

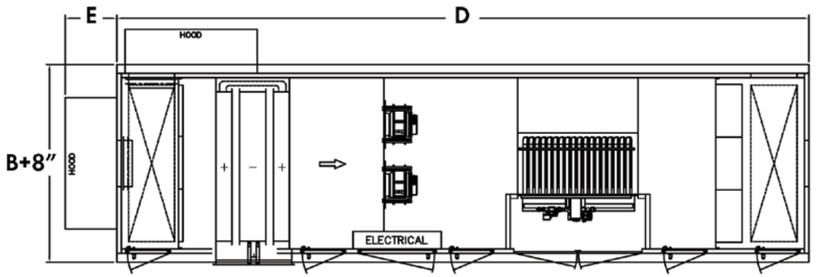
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-HPGB — OUTDOOR UNITS

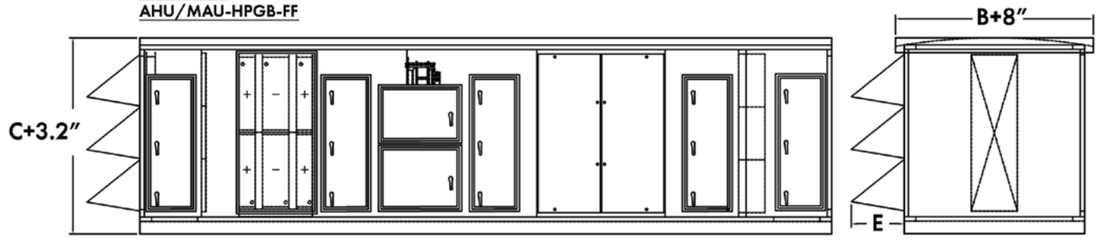
AHU, MIXING SECTION & MAKE UP AIR UNITS



PLAN VIEW
AHU/MAU-HPGB



PLAN VIEW
AHU/MAU-HPGB-FF



SIDE ELEVATION
AHU/MAU-HPGB-FF

OUTDOOR END ELEVATION

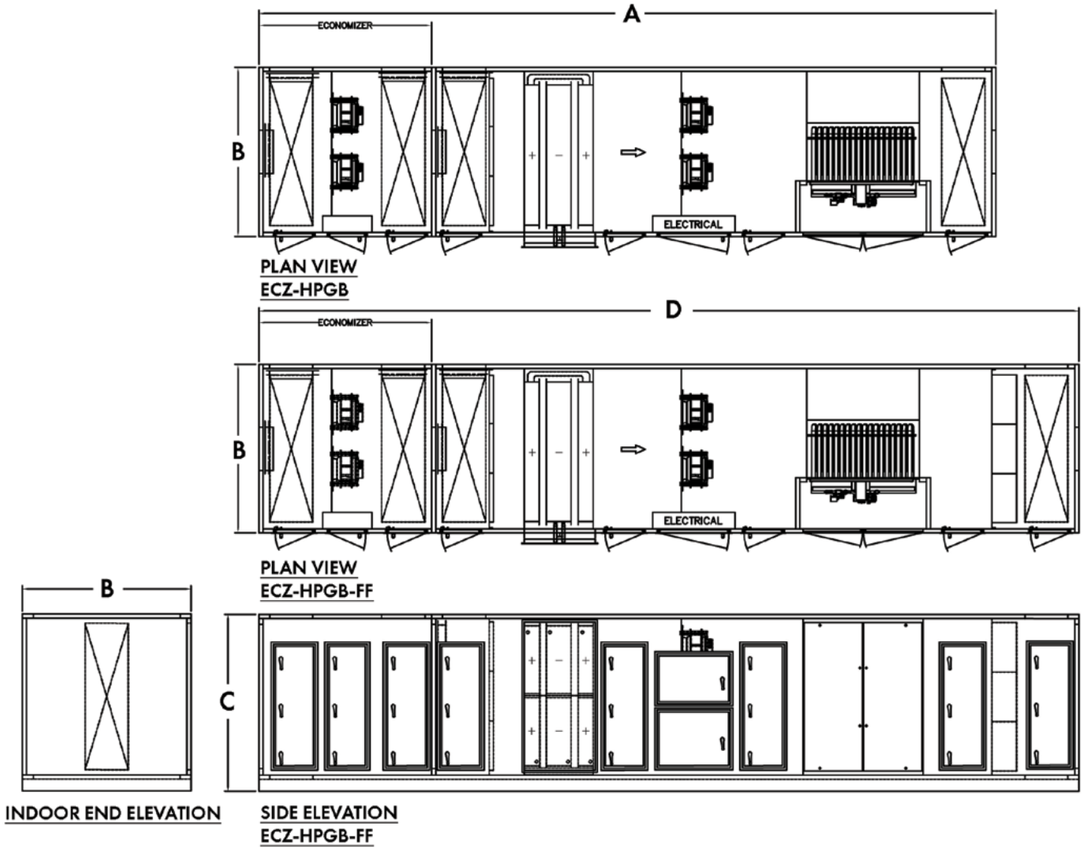
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-HPGB	248.8	44.0	39.8	289.2	24.0
AHU/MAU-030-HPGB	253.2	59.0	39.8	293.6	24.0
AHU/MAU-050-HPGB	275.2	46.0	64.8	315.6	24.0
AHU/MAU-075-HPGB	266.0	58.0	69.8	306.4	24.0
AHU/MAU-100/HPGB	274.2	58.0	85.8	314.6	24.0
AHU/MAU-125/HPGB	264.4	70.0	85.8	304.8	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-HPGB	274.2	82.0	85.8	314.6	24.0
AHU/MAU-175-HPGB	280.2	82.0	94.8	320.6	24.0
AHU/MAU-200-HPGB	289.8	94.0	91.8	330.2	24.0
AHU/MAU-225-HPGB	301.8	94.0	100.8	342.2	24.0
AHU/MAU-250-HPGB	301.8	94.0	109.8	342.2	24.0

Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-HPGB — INDOOR UNITS

AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER



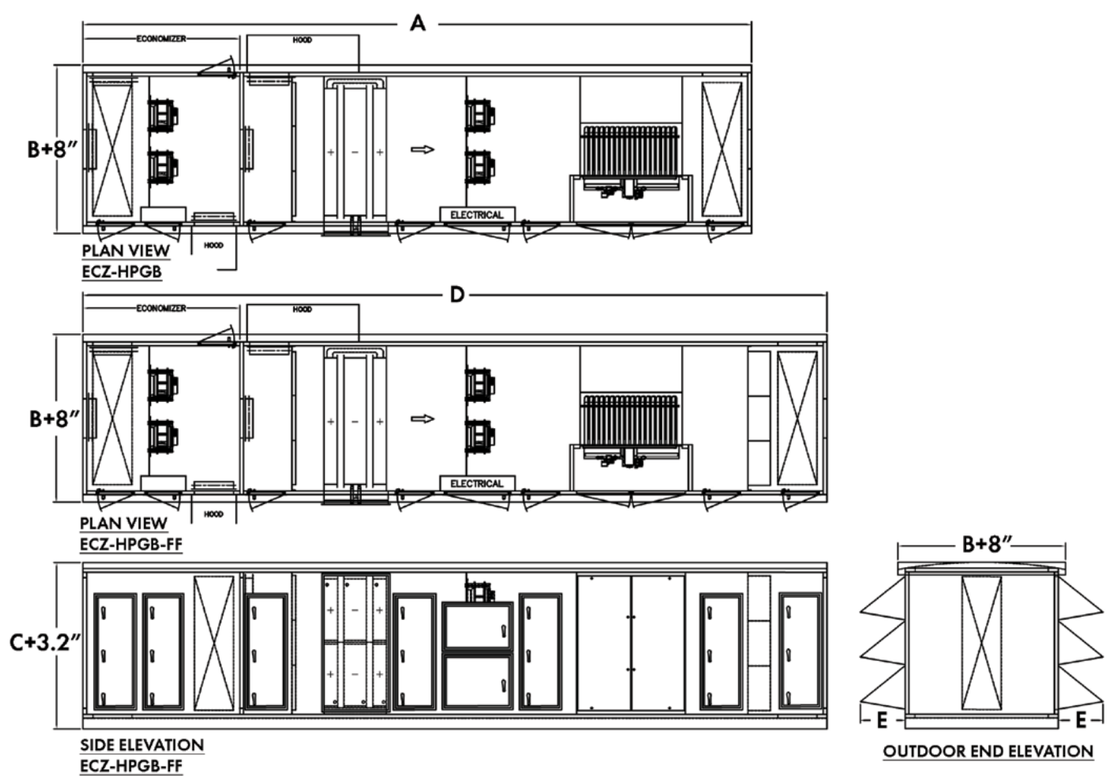
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-HPGB	332.8	44.0	39.8	373.2	24.0
ECZ-030-HPGB	337.2	59.0	39.8	377.6	24.0
ECZ-050-HPGB	359.2	46.0	64.8	399.6	24.0
ECZ-075-HPGB	350.0	58.0	69.8	390.4	24.0
ECZ-100-HPGB	358.2	58.0	85.8	398.6	24.0
ECZ-125-HPGB	348.4	70.0	85.8	388.8	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-HPGB	358.2	82.0	85.8	398.6	24.0
ECZ-175-HPGB	369.1	82.0	94.8	409.5	24.0
ECZ-200-HPGB	390.7	94.0	91.8	431.1	24.0
ECZ-225-HPGB	414.7	94.0	100.8	455.1	24.0
ECZ-250-HPGB	414.7	94.0	109.8	455.1	24.0

Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-HPGB — OUTDOOR UNITS

AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER



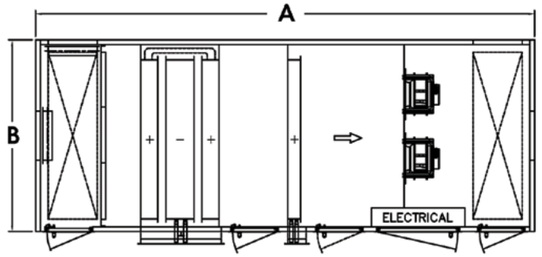
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-HPGB	332.8	44.0	39.8	373.2	24.0
ECZ-030-HPGB	337.2	59.0	39.8	377.6	24.0
ECZ-050-HPGB	359.2	46.0	64.8	399.6	24.0
ECZ-075-HPGB	350.0	58.0	69.8	390.4	24.0
ECZ-100-HPGB	358.2	58.0	85.8	398.6	24.0
ECZ-125-HPGB	348.4	70.0	85.8	388.8	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-HPGB	358.2	82.0	85.8	398.6	24.0
ECZ-175-HPGB	369.1	82.0	94.8	409.5	24.0
ECZ-200-HPGB	390.7	94.0	91.8	431.1	24.0
ECZ-225-HPGB	414.7	94.0	100.8	455.1	24.0
ECZ-250-HPGB	414.7	94.0	109.8	455.1	24.0

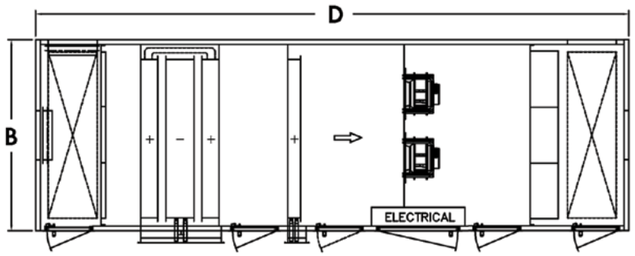
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-HPH — INDOOR UNITS

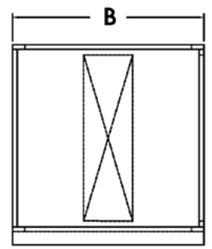
AHU, MIXING SECTION & MAKE UP AIR UNITS



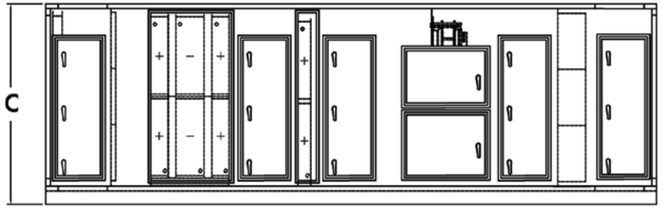
PLAN VIEW
AHU/MAU-HPH



PLAN VIEW
AHU/MAU-HPH-FF



INDOOR END ELEVATION



SIDE ELEVATION
AHU/MAU-HPH-FF

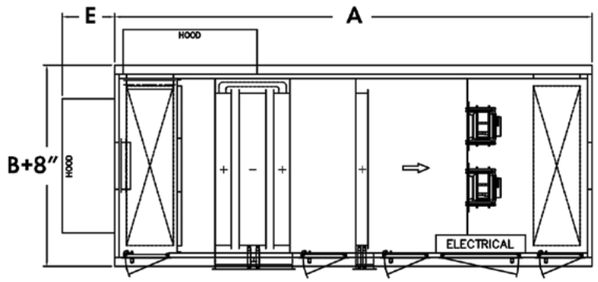
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-HPH	213.7	44.0	39.8	254.1	24.0
AHU/MAU-030-HPH	213.7	59.0	39.8	254.1	24.0
AHU/MAU-050-HPH	213.7	46.0	64.8	254.1	24.0
AHU/MAU-075-HPH	213.7	58.0	69.8	254.1	24.0
AHU/MAU-100-HPH	213.7	58.0	85.8	254.1	24.0
AHU/MAU-125-HPH	213.7	70.0	85.8	254.1	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-HPH	213.7	82.0	85.8	254.1	24.0
AHU/MAU-175-HPH	219.7	82.0	94.8	260.1	24.0
AHU/MAU-200-HPH	231.7	94.0	91.8	272.1	24.0
AHU/MAU-225-HPH	243.7	94.0	100.8	284.1	24.0
AHU/MAU-250-HPH	243.7	94.0	109.8	284.1	24.0

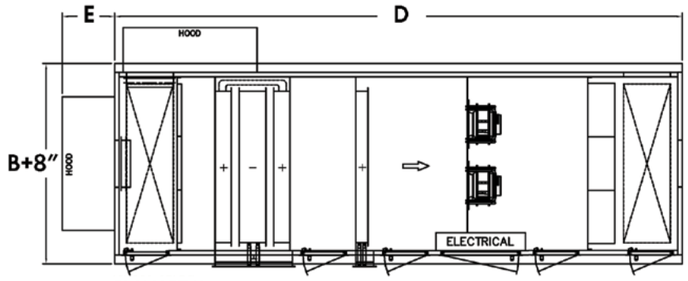
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — AHU/MAU-HPH — OUTDOOR UNITS

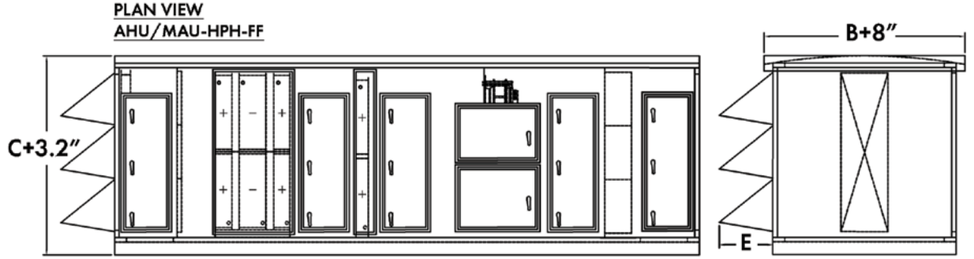
AHU, MIXING SECTION & MAKE UP AIR UNITS



PLAN VIEW
AHU/MAU-HPH



PLAN VIEW
AHU/MAU-HPH-FF



SIDE ELEVATION
AHU/MAU-HPH-FF

OUTDOOR END ELEVATION

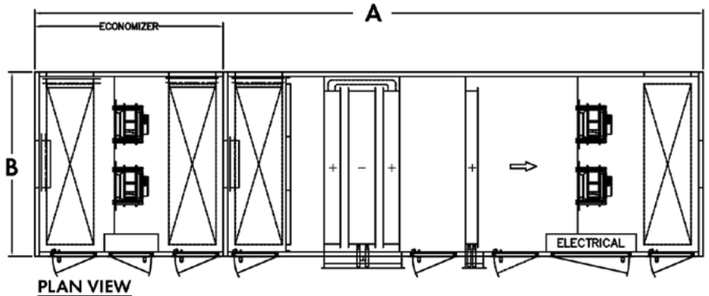
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-020-HPH	213.7	44.0	39.8	254.1	24.0
AHU/MAU-030-HPH	213.7	59.0	39.8	254.1	24.0
AHU/MAU-050-HPH	213.7	46.0	64.8	254.1	24.0
AHU/MAU-075-HPH	213.7	58.0	69.8	254.1	24.0
AHU/MAU-100-HPH	213.7	58.0	85.8	254.1	24.0
AHU/MAU-125-HPH	213.7	70.0	85.8	254.1	24.0

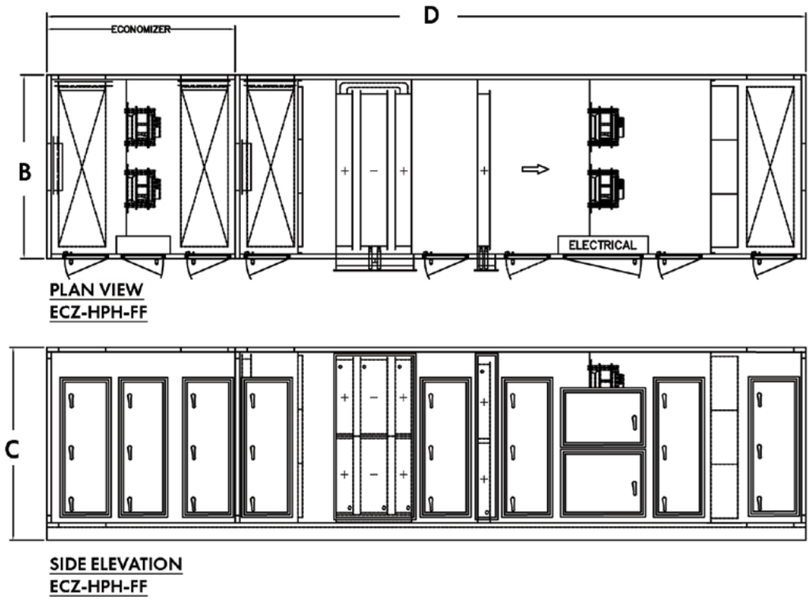
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
AHU/MAU-150-HPH	213.7	82.0	85.8	254.1	24.0
AHU/MAU-175-HPH	219.7	82.0	94.8	260.1	24.0
AHU/MAU-200-HPH	231.7	94.0	91.8	272.1	24.0
AHU/MAU-225-HPH	243.7	94.0	100.8	284.1	24.0
AHU/MAU-250-HPH	243.7	94.0	109.8	284.1	24.0

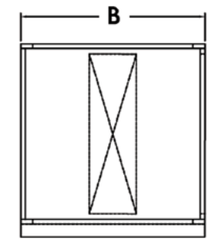
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-HPH — INDOOR UNITS

AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER







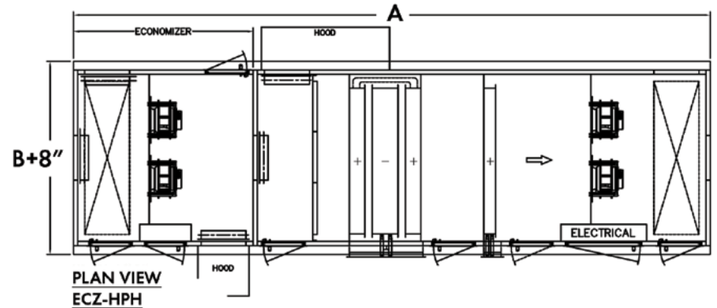
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-HPH	297.7	44.0	39.8	338.1	24.0
ECZ-030-HPH	297.7	59.0	39.8	338.1	24.0
ECZ-050-HPH	297.7	46.0	64.8	338.1	24.0
ECZ-075-HPH	297.7	58.0	69.8	338.1	24.0
ECZ-100-HPH	297.7	58.0	85.8	338.1	24.0
ECZ-125-HPH	297.7	70.0	85.8	338.1	24.0

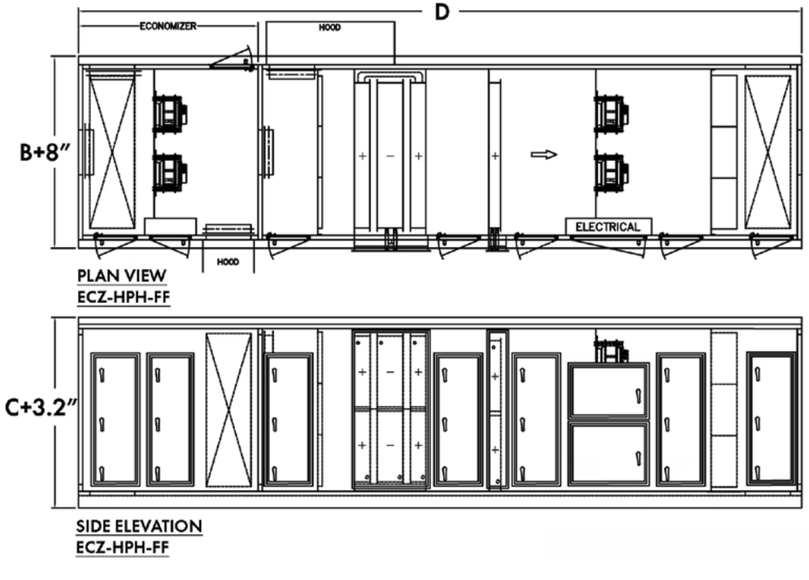
UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-HPH	297.7	82.0	85.8	338.1	24.0
ECZ-175-HPH	308.6	82.0	94.8	349.0	24.0
ECZ-200-HPH	332.6	94.0	91.8	373.0	24.0
ECZ-225-HPH	356.6	94.0	100.8	397.0	24.0
ECZ-250-HPH	356.6	94.0	109.8	397.0	24.0

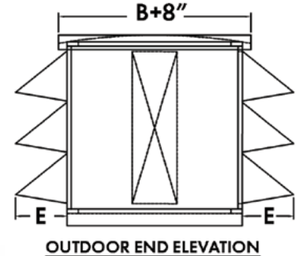
Click here for service clearance dimensions
Click here for unit weights

DIMENSIONAL DATA — ECZ-HPH — OUTDOOR UNITS

AHU, MIXING SECTION & MAKE UP AIR UNITS WITH ECONOMIZER







UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-020-HPH	297.7	44.0	39.8	338.1	24.0
ECZ-030-HPH	297.7	59.0	39.8	338.1	24.0
ECZ-050-HPH	297.7	46.0	64.8	338.1	24.0
ECZ-075-HPH	297.7	58.0	69.8	338.1	24.0
ECZ-100-HPH	297.7	58.0	85.8	338.1	24.0
ECZ-125-HPH	297.7	70.0	85.8	338.1	24.0

UNIT SIZE	DIMENSION (INCHES)				
	A	B	C	D	E
ECZ-150-HPH	297.7	82.0	85.8	338.1	24.0
ECZ-175-HPH	308.6	82.0	94.8	349.0	24.0
ECZ-200-HPH	332.6	94.0	91.8	373.0	24.0
ECZ-225-HPH	356.6	94.0	100.8	397.0	24.0
ECZ-250-HPH	356.6	94.0	109.8	397.0	24.0

Click here for service clearance dimensions
Click here for unit weights

THIS PAGE WAS INTENTIONALLY LEFT BLANK

THIS PAGE WAS INTENTIONALLY LEFT BLANK

FläktGroup® SEMCO® delivers smart, energy-efficient, air-quality solutions to support every building application. We offer our customers innovative technologies, high-quality products and outstanding performance supported by more than fifty years of accumulated industry experience. The broadest offering on the market and a strong market presence in 65 countries worldwide guarantees that we are always by your side, ready to deliver: Excellence in Solutions.

FläktGroup® SEMCO®
Corporate Headquarters
1800 East Pointe Drive
Columbia, Missouri 65201 USA

573.443.1481

sales.semco@flaktgroup.com

To learn more about FläktGroup® SEMCO® offerings and to contact your nearest representative please visit

www.semcohvac.com

© Copyright 2025 SEMCO LLC. All Rights Reserved. SEMCO embraces a policy of continuous development and improvement, the right is reserved to supply products which may differ from those illustrated and described in this publication. Specifications are subject to change without further notice. Any FläktGroup SEMCO purchase is subject to FläktGroup SEMCO standard terms and conditions. Certified dimensions will be supplied upon request on receipt of order. SEMCO is a registered Trademark of SEMCO LLC. Other trademarks and logos in this publication may be property of SEMCO, LLC, its subsidiaries or any of its related companies and/or other organizations or individuals. Heresite is a registered trademark of Heresite Protective Coatings, LLC. Electrofin is a registered trademark of Modine. ASHRAE is a registered trademark of the American Society of Heating, Refrigeration, and Air-Conditioning Engineers Inc.. ETL is a registered trademark of Intertek. UL is a trademark of Underwriters Laboratory. Unicon is a registered trademark of Unicon. Modbus is a trademark of Modbus Organization.