

# Certificate of Product Ratings

**AHRI Certified Reference Number: 6483485**

**Date: 12/22/2014**

**†Status: Active**

**Product: Component Air-to-Air Energy Recovery Ventilator**

**Model Number: TE-56**

**Manufacturer: SEMCO LLC/FLAKT WOODS AB**

**Trade/Brand name: SEMCO**

**Rated as follows in accordance with AHRI Standard 1060-2012 for Air-to-Air Heat Exchangers for Energy Recovery Ventilation Equipment and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:**

**Product Type: Wheel**

**Leaving Supply Air Flow (SCFM): 33600**

**Pressure Drop (inches): 0.65**

**Additional Notes:**

| Leakage Ratings | Pressure Differential | EATR(%) | OACF | Purge Angle/Setting |
|-----------------|-----------------------|---------|------|---------------------|
| Test 1:         | 0.00                  | 4.30    | 1.03 | setting 3           |
| Test 2:         | 0.50                  | 2.00    | 1.09 | setting 3           |
| Test 3:         | 1.00                  | 0.50    | 1.12 | setting 3           |

## Thermal Effectiveness Ratings at 0" Pressure Differential

|                       | Sensible(%) | Latent(%) | Total(%) |
|-----------------------|-------------|-----------|----------|
| 100% Air Flow Heating | 79          | 79        | 79       |
| 75% Air Flow Heating  | 84          | 83        | 84       |
| 100% Air Flow Cooling | 79          | 78        | 78       |
| 75% Air Flow Cooling  | 84          | 82        | 83       |

|                       | Net Sensible(%) | Net Latent(%) | Net Total(%) |
|-----------------------|-----------------|---------------|--------------|
| 100% Air Flow Heating | 78              | 78            | 78           |
| 75% Air Flow Heating  | 83              | 82            | 83           |
| 100% Air Flow Cooling | 78              | 77            | 77           |
| 75% Air Flow Cooling  | 83              | 81            | 82           |

† Models with an 'Active' status are those that are currently in production. Models with a 'Discontinued' status are those that the manufacturer has elected to stop producing, yet stock is still available. Models with an 'Obsolete' status are those that the manufacturer is required to stop manufacturing due to an AHRI certification program test failure.

\* Ratings followed by an asterisk (\*) indicate a voluntary rerate of previously published data, unless accompanied with a WAS, which indicates an involuntary rerate.

### DISCLAIMER

AHRI does not endorse the product(s) listed on this Certificate and makes no representations, warranties or guarantees as to, and assumes no responsibility for, the product(s) listed on this Certificate. AHRI expressly disclaims all liability for damages of any kind arising out of the use or performance of the product(s), or the unauthorized alteration of data listed on this Certificate. Certified ratings are valid only for models and configurations listed in the directory at [www.ahridirectory.org](http://www.ahridirectory.org).

### TERMS AND CONDITIONS

This Certificate and its contents are proprietary products of AHRI. This Certificate shall only be used for individual, personal and confidential reference purposes. The contents of this Certificate may not, in whole or in part, be reproduced; copied; disseminated; entered into a computer database; or otherwise utilized, in any form or manner or by any means, except for the user's individual, personal and confidential reference.

### CERTIFICATE VERIFICATION

The information for the model cited on this certificate can be verified at [www.ahridirectory.org](http://www.ahridirectory.org), click on "Verify Certificate" link and enter the AHRI Certified Reference Number and the date on which the certificate was issued, which is listed above, and the Certificate No., which is listed at bottom right.

©2014 Air-Conditioning, Heating, and Refrigeration Institute



we make life better™

**CERTIFICATE NO.:** 130637393078065186