

LOW FIRST COST

SUPERIOR IAQ

FläktGroup
SEMCO

3FFICIENCY[®]

SUPERIOR INDOOR AIR QUALITY WITH ENERGY EFFICIENCY

Acknowledged as one of the Top 10 Green Building Products for 2018 by Building Green, 3fficiency has been receiving industry recognition for providing an energy-efficient, easy-to-specify integrated system. 3fficiency improves upon a traditional chilled beam design by reducing piping and simplifying building controls.

3fficiency is the HVAC industry's first total indoor air quality (IAQ) system approach to chilled beam design. The three components included in the system package are:

- Pinnacle[®] Dedicated Outside Air System (DOAS),
- NEUTON[™] Chilled Beam Pump Module, and
- FläktGroup[®] SEMCO[®] active chilled beam line

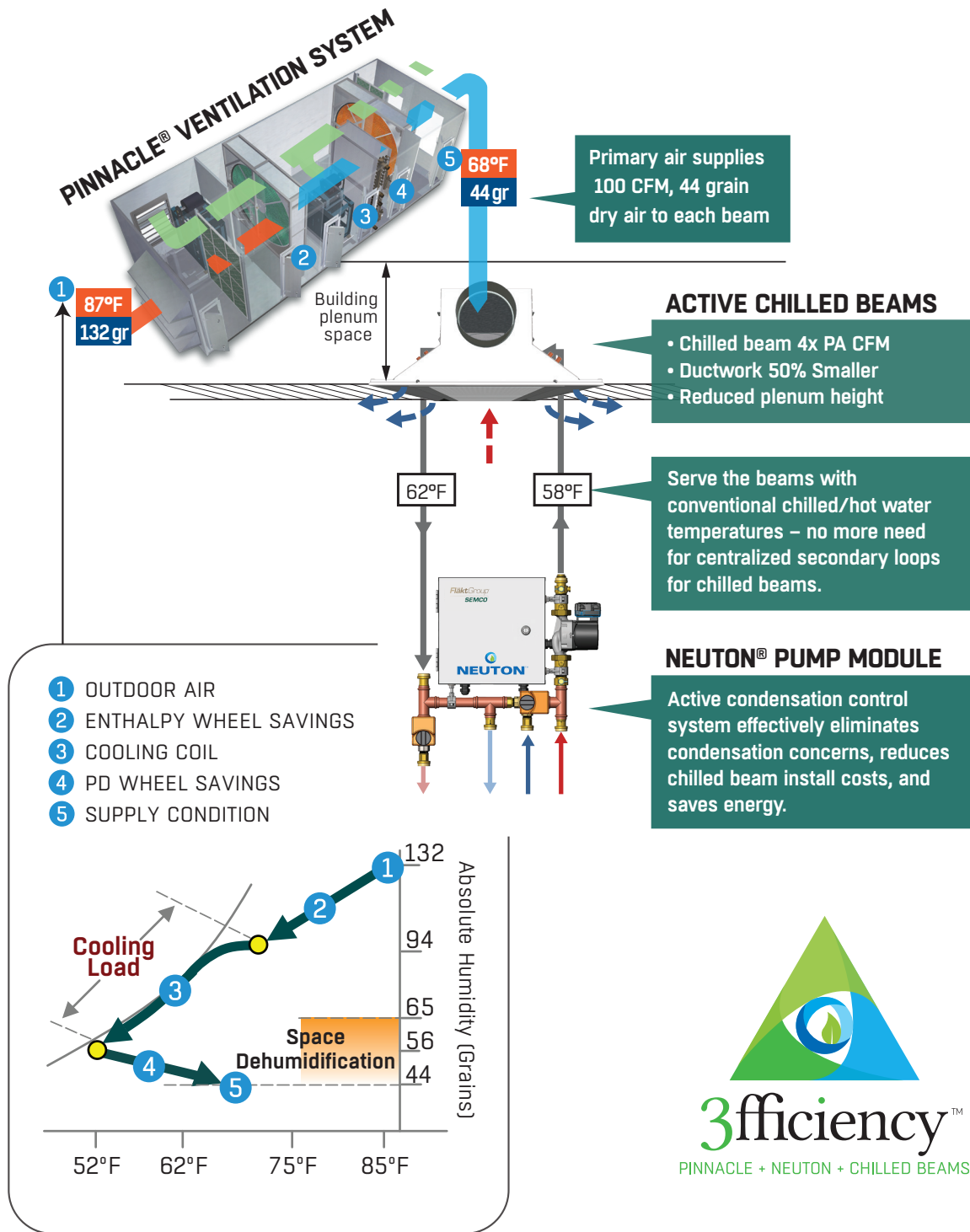


Synergy of all key components ensures that the proper ventilation, cooling/heating capacity and internal latent load are all provided to resulting in an effective active chilled beam project. NEUTON simplifies installation, controls, and beam system commissioning and eliminates frustration and cost of customized controls development. Sourcing active chilled beams and DOAS from the same manufacturer is integral for synergy and single source responsibility.

Visit www.semcohv.com for more information.

KEY BENEFITS

- Gain up to 18 LEED Credits
- Water based - no refrigerant - avoiding refrigerant restrictions and legislation
- Energy efficient
- Easy-to-design
- Low maintenance
- Superior comfort
- Integrated controls
- Pinnacle[®] manages 100% of a building's ventilation and indoor humidity load in a single package
- Chilled beams have no filters or drain pans meaning less maintenance
- System reduces airflow by 50% or more saving motor horsepower
- NEUTON[®] pump has active condensation prevention, zone level control and cost savings on pipe and installation



FläktGroup® SEMCO® delivers smart and energy efficient Air Distribution and Air Quality solutions to support every application area. We offer our customers innovative technologies, high quality and outstanding performance supported by more than fifty years of accumulated industry experience. The widest product range in the market, and strong market presence in 65 countries worldwide, guarantee that we are always by your side, ready to deliver Excellence in Solutions.

FläktGroup® SEMCO®

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