



ENERGYPACK® CUSTOM HVAC SOLUTION

The Nortek Air Solutions Venmar™ brand EnergyPack product line is a premium, variable aspect ratio, packaged HVAC solution designed for the commercial market and engineered to exact customer specifications with FANWALL TECHNOLOGY®, specialty filtration, integrated or non-integrated post conditioning technologies and integrated DDC controls.

Why Nortek Air Solutions Venmar is the Choice for Energy Recovery

The Nortek Air Solutions Venmar brand is well known as a pioneer in commercial air-to-air energy recovery ventilation. With more than 60 years of experience, we are committed to providing cost-effective solutions and to being our customers' first choice in creating quiet, comfortable, healthy indoor environments.



 **NORTEK**™
AIR SOLUTIONS
VENMAR

CUSTOM BUILT SOLUTIONS

Superior Comfort and Indoor Environmental Quality (IEQ)

In addition to the integrated energy recovery ventilation that provides the most cost-effective way to introduce the maximum amount of outdoor air for dilution, the EnergyPack® unit also offers a variety of other features and options to provide superior temperature and humidity control along with quiet operation.

- Standard double wall construction with no exposed insulation and optional direct drive fans to eliminate fiber erosion in the supply airstream
- Low leakage cabinet with thermally broken exterior panels, center partition, roof and base structure to maximize heat transfer and minimize the possibility of condensation on interior or exterior surfaces
- IAQ sloped drain pans and materials to help prevent microbial growth and provide easily cleanable surfaces, along with easy access for regular cleaning and scheduled maintenance

Energy Efficiency

- High performance enthalpy wheels, heat pipes, aluminum plates, polypropylene plate and heat and moisture (HM) membrane latent cores (in single or multiple heat exchanger combinations), all certified to AHRI Standard 1060
- Microchannel heat exchanger condenser coils for maximum efficiency in a compact lightweight package
- Variable Refrigerant Control® (VRC) for superior precision temperature control, part-load operation and the elimination of hot gas bypass

EnergyPack Unit Features and Benefits

- 3-inch double wall, no-through-metal Integrated Thermal Break Framing™ (ITF) cabinet construction with air and water-tight floor membrane (optional washdown construction ideal for hospital and healthcare applications)
- Optional materials or coatings on the interior of the unit (ideal for waste water treatment plants, pool and natatorium applications or corrosive seacoast environments)
- Non-integrated cooling, or integrated air cooled, water cooled and air source or water source heat pump packages
- Electric, hot water, hot gas reheat, steam, direct or indirect gas-fired heat

AHRI Certified™
flat plates



AHRI Certified™
enthalpy wheels



Optional phenolic
interior coating



DDC Controls by Nortek Air
Solutions Venmar used on the
EnergyPack solution

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