

DOAS

DEDICATED
OUTDOOR
AIR SYSTEM



VARIABLE CAPACITY COMPRESSOR TECHNOLOGY

Indoor or Rooftop

- Cooling coils—chilled water, or DX
- Heating coils—hot water, electric or steam
- Double wall cabinet with full thermal break — 1-, 2- or 4-inch foam
- Direct drive plenum fans—AC or EC motor technology
- Internal bypass for free cooling
- Modular construction
- Introduces tempered air directly to occupied space
- Improves efficiencies with decoupled outside air treatment

Fixed Plate Total Energy Recovery Cores

- Reduced outside air load—both sensible and latent loads
- No moving parts for long life and easy maintenance
- Virtually zero leakage between airstreams
- No condensation—reduces environment for mold growth
- Great performance at low temperatures
- AHRI—certified performance

Other energy recovery technologies available including enthalpy wheels, heat pipes, sensible cores.



The Multistack Group

Customer Driven InnovationSM

The right choice for the future... today.

OUR MISSION

To design and build reliable, energy-efficient equipment that fully supports the transition from fossil fuels to renewables through electrification.

OUR VISION

To create a world where environmentally sensitive design practice, reliability, and redundancy coexist and are embodied in the world's most advanced HVAC equipment.

SUSTAINABLE CHOICES

At **Multistack**, we recognize and respect the importance of providing HVAC solutions that promote energy and water efficiency, utilize the best refrigerant choices available, and embrace the transition from fossil fuels to electrification.

Water and air-cooled **MagLev**[®] chiller platforms achieve superb efficiency across their full range of operation. Our unique **MagLev** chiller design and unrivalled Transitional Efficiency chiller control algorithms deliver outstanding part-load performance at all condenser-water or ambient temperature conditions. **MagLev** also offers refrigerant choices recognized worldwide as safer for the environment: R-1234ze, R-513A, and R-515B.

Our modular product's design allows you the freedom to use just enough energy to meet your current needs, while offering you the flexibility of incorporating additional modules as your operations grow. Minimizing embodied energy is an important design focus and we pride ourselves that our modular chillers deliver the industry's highest cooling and heating output per pound. If you're looking to cool and heat your building with as little environmental impact as possible, look no further than **Multistack**!

Reach out to your local Multistack design professional to discuss how we can help you realize your design goals for:

- Electrification
- Energy efficiency
- Water usage efficiency
- Energy & heat recovery
- Choosing sustainable refrigerants
- Minimizing refrigerant charge
- Minimizing embodied energy
- Minimizing environmental and physical footprint