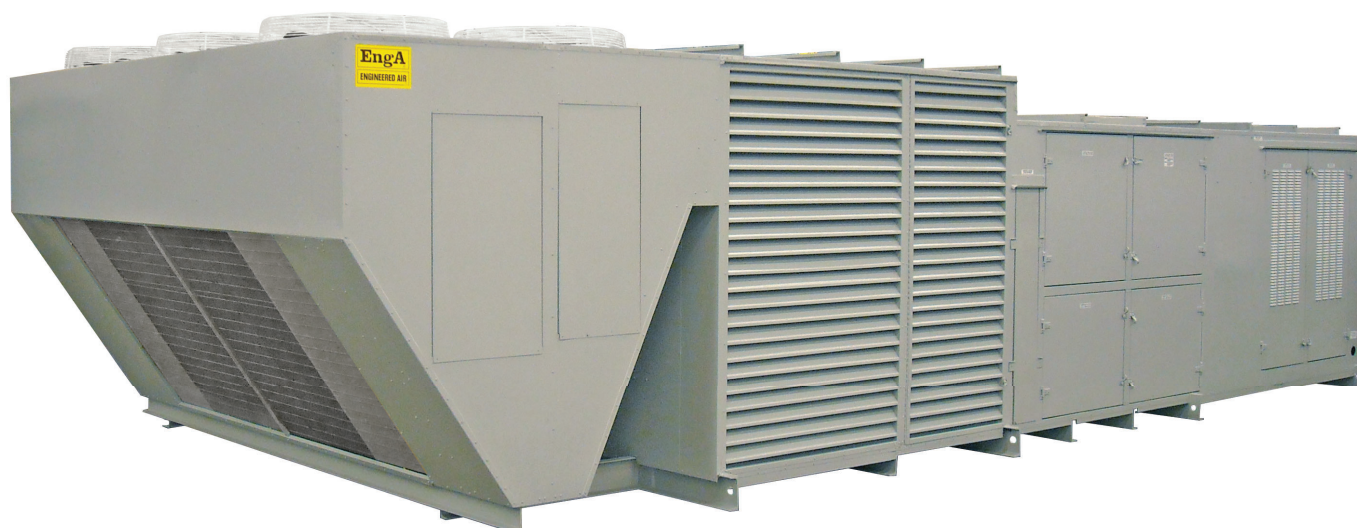


FWE SERIES

COMMERCIAL & INDUSTRIAL MECHANICAL COOLING/HEATING UNITS

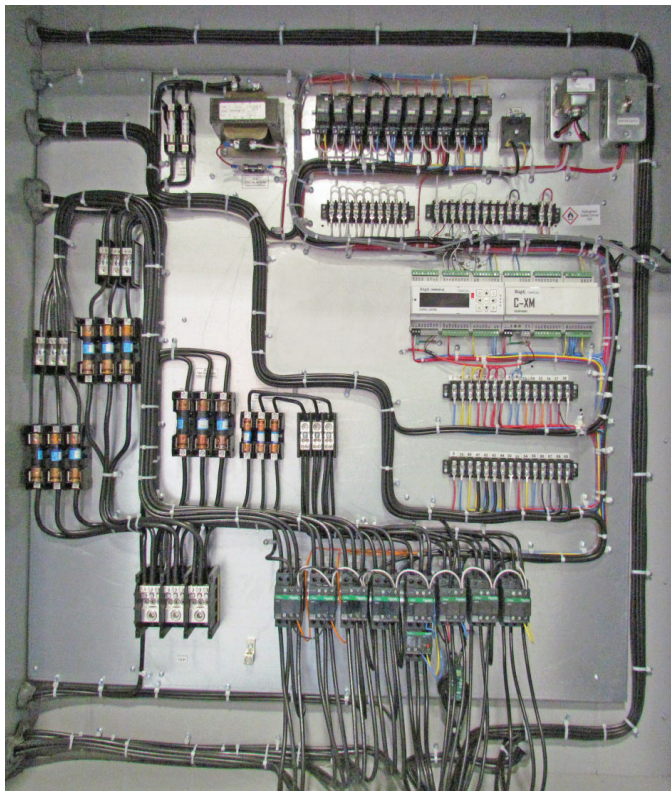


Features

- Multiple staged compressors and/or modulating compressor
- Energy efficiency verified to meet or exceed NRCan and DOE requirements
- R-410A or R454B refrigerant
- Direct or indirect gas-fired heaters (high efficiencies and turndowns)
- Hydronic and electric heating coils
- Total or sensible energy recovery components
- Custom fans available
- Your equipment solution for sustainable buildings
- 6 through 120 tons (21 through 422 kW) of mechanical cooling
- 1,600 to 56,000 CFM (755 to 26,432 L/s) airflow rates
- Custom units for non-catalogued capacities
- Multiple independent compressor circuits
- Dedicated EngA NextGen controllers
- Unit base fabricated from steel channel



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Control Panel and Compressor Sections

Typical Options

** represents standard features*

CASING

- 18 gauge (1.3mm) painted satin coat *
- 14 or 16 gauge (2.0 or 1.6mm)
- 1" (25mm) insulation *
- 2" (51mm) insulation
- Solid or perforated liners
- Stainless steel
- Aluminum

FILTERS / IAQ PRODUCTS

- MERV 8 pleated *
- Replaceable media
- 1", 2", 4" or 12" (25, 51, 102 or 305 mm) as required
- HEPA
- Chemical filtration
- TRIMED

ACCESS

- Camlock handles *
- Hinged doors *
- Lined doors *
- Leverlock handles
- Lockable handles
- Service vestibule

COOLING

- Packaged cooling with air cooled condenser *
- R-410A refrigerant *
- R-454B refrigerant
- Variable condenser reheat
- Evaporative condensing section
- Water cooled condenser

CONTROLS

- NextGen CenCon
- NextGen Base
- Networking capabilities
- Night setback

FINISHES

- Air dry gray enamel *
- Special colors
- Corrosion protection
 - Heresite or Aqua Aero
 - Epoxy

GAS TRAINS

- FM
- GAP (formerly IRI)
- DG series up to 20:1 turndown
- DJ series up to 15:1 turndown

HEAT RECLAIM

- QDT heat pipe
- Recovery Air heat wheel
- TRP air to air plate
- bkm Reverse Flow
- Glycol run around

FANS

- Forward curved *
- Airfoil
- Backward inclined
- Plenum

MOTORS

- High efficiency ODP *
- High efficiency TEFC
- Variable speed drives
- Two speed



ENGINEERED AIR

MANUFACTURING FACILITIES:

CALGARY AND EDMONTON, ALBERTA | DESOTO, KANSAS | NEWMARKET, ONTARIO

FWEJUL2026

HEATING | VENTILATING | AIR CONDITIONING | AIR QUALITY | ENERGY RECOVERY