

Unitary equipment

SERIES 5

3 – 5 Tons, R-410A, 13 SEER

- Common footprint
- Low ambient to 0° F
- Low NOx and 2-stage gas heat
- Economizer and power exhaust
- Field convertible duct connections
- Technicoat evaporator and condenser coils
- Standard hi / low / freeze protection
- Supply and return air smoke detectors
- Powered or “non” powered GFI outlet, non-fused disconnect
- Ultra quiet, high-efficiency compressors
- Sloped, stainless steel drain pan
- Powder coated cabinet with 1000 hour salt spray rating
- IAQ: CO₂ sensor; high efficiency or cleanable filter; dirty filter switch



SERIES 10

6.5 – 12.5 Tons, R-410A, 11-11.5 EER

- Low ambient to 0° F
- Hinged, tool-free access panels
- Low NOx and 2-stage gas heat
- Economizer and power exhaust
- Field convertible duct connections
- Technicoat evaporator and condenser coils
- Standard hi / low / freeze protection
- Hot gas bypass; hot gas reheat
- Supply and return air smoke detectors
- Powered or “non” powered GFI outlet, non-fused disconnect
- Removable, reversible stainless steel drain pan
- Powder coated cabinet with 1000 hour salt spray rating
- IAQ: CO₂ sensor; high efficiency or cleanable filter; dirty filter switch



SERIES 20

15 – 25 Tons, R-410A, 10-12.4 EER

- Low ambient to 0° F
- Economizer and power exhaust
- CAV and VAV
- HGBP and hot gas reheat options
- Single input and BAS ready economizer
- Field convertible duct connections
- Technicoat evaporator and condenser coils
- Standard hi / low / freeze protection
- Hinged, tool-free access panels
- Supply and return air smoke detectors
- Powered or “non” powered GFI outlet, non-fused disconnect
- Stainless steel drain pan
- Powder coated cabinet with 1000 hour salt spray rating
- IAQ: CO₂ sensor; high efficiency filter; dirty filter switch; double wall cabinet



SERIES 40

25 – 40 Tons, R-410A, 10-10.5 EER

- CAV or VAV
- Hot gas bypass
- Hinged, tool-free access panels
- Low ambient to 0° F
- Economizer and power exhaust with VFD
- Unit ducting is factory preconfigured
- Standard hi / low / freeze protection
- BAS Controller
- Pre-installed rain hoods rotate into place
- Quiet airflow for a range of static applications
- Powered GFI outlet, non-fused disconnect
- LEED credit eligible VFD
- Powder coated cabinet with 1000 hour salt spray rating
- IAQ: high efficiency or permanent filters; 65 and 90% Cartridge Filters, double wall cabinet



COMMERCIAL COMFORT SYSTEMS

SERIES 100

50 – 130 Tons, R-410A, 407C 10-10.5 EER
(CCS Connectivity available on 50 – 65 Tons R-410A models)

- Hot gas bypass
- Meets or exceeds ASHRAE 90.1 energy standards
- Factory-mounted controls
- Hinged, tool-free access panels
- Single-point power connection reduces field wiring
- Double sloped drainpans meet ASHRAE 62 IAQ standard
- A 115V GFCI convenience outlet is available, non-fused disconnect
- Dirty-filter alarm available
- Economizer and power exhaust with VFD
- Pre-installed rain hoods rotate into place
- Powder coated cabinet with 1000 hour salt spray rating
- IAQ: high efficiency or permanent filters; double wall cabinet



SPLIT SYSTEMS

7.5 – 20 Tons, R-410A
25 – 50 Tons available early 2010

- Meet or exceeds ASHRAE 90.1 energy standards
- Scroll compressors
- Micro-Channel aluminum tube and fin condensing units
- 2 and 4 pipe designs
- High and low pressure controls
- Factory installed service valves
- Staging capacity
- Simplicity controls
- Multiple condensing unit and air handler match-ups
- Anti-recycle protection on all outdoor units
- Crankcase heaters
- Low ambient kit available
- Field installed electric heat packages
- Disconnect switch
- Technicoated outdoor coils available
- Phase monitors
- Hail and coil guard
- Optional horsepower available for each AHU
- AHU available in 2 or 4 pipe configurations



ENERGY RECOVERY VENTILATOR (ERV)

3 – 40 Tons

- ERV is available for field installation on rooftops from 3 – 40 tons
- +/- 70% efficiency in winter
- +/- 45% efficiency in summer
- ERVs on Series 5, 10, and 40 offer pivoting wheels for full economizer capability
- ERVs on Series 5 and 20 offer fixed wheels and use a Start-Stop-Jog control in lieu of economizer
- ERVs on Series 40 can offer full economizer capability if set up at the factory
- Low ambient kit available
- Motorized intake air damper available to prevent infiltration during the off cycle
- Airxchange "Clean" patented pie segments available for ease of cleaning



CONTROL SYSTEM

- Innovative touchscreen user interface
- Factory mounted and wired
- Self-configuring components
- Simple common language user interface
- Remote user interface via standard Web browser
- Systems Manager requires no programming
- Controls up to 24 constant volume single package units and 10 zoning systems
- Provides monitoring, trending, scheduling and control



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