

38AUQ

60Hz

Sizes 07 – 25

**Air-Cooled Heat Pump Split System Units
with Puron® (R-410A) Refrigerant**

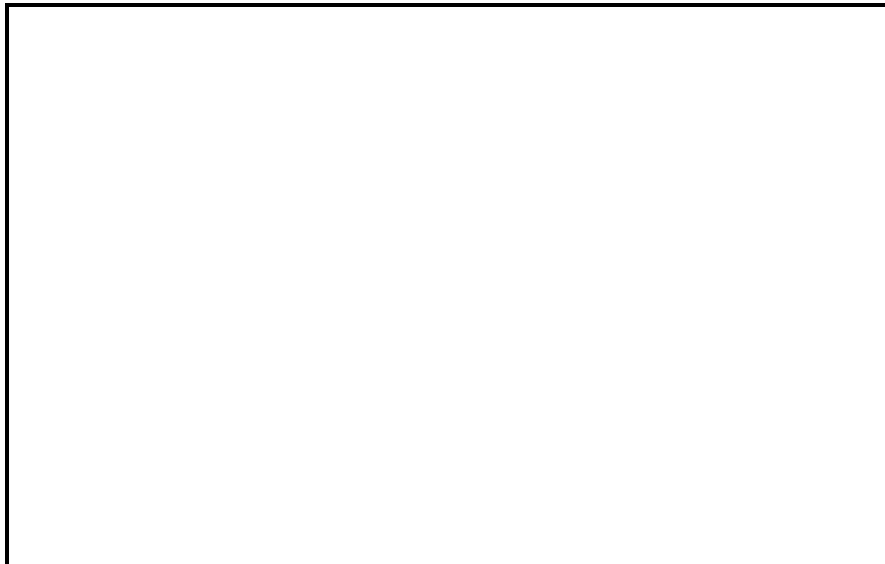
Carrier

turn to the experts



Submittal Data

- **PERFORMANCE DATA**
- **CERTIFIED DIMENSION PRINT**



Job Data: _____ Location: _____

Buyer: _____ Buyer P.O.#: _____ Carrier: _____

Unit Number: _____ Model Number: _____

Unit Designation: _____

Performance Data Certified By: _____



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program For verification of certification for individual products, go to www.ahridirectory.org.



DESCRIPTION

38AUQ air-cooled heat pump split system units are easily connected by refrigerant lines and low voltage control wiring to matching Carrier 40RUQ packaged air-handling units or other suitable evaporator units. They are ideal for new construction or renovation applications where quality and performance are required.



STANDARD FEATURES

- Puron (R-410A) HFC refrigerant
- Single-stage cooling capacity control on 6 to 10 ton models.
- Two-stage cooling capacity control on 15 and 20 ton models
- All models utilize Round Copper Tube/Aluminum Plate Fin (RTPF) condenser coil.
- Cooling operating range up to 125°F (52°C) and down to 35°F (2°C)
- Brass suction and liquid line service valves
- Fully Hermetic Scroll compressor with crankcase heater
- New terminal board facilitating simple safety circuit troubleshooting and simplified control box arrangement.
- 24-volt 75va control system.
- High pressure and loss of charge protection.
- UL or UL, Canada listed (07-12 models)
- ETL listed (16-25 models)
- Suction line accumulator on each circuit
- Comfort Alert™ Diagnostic Board:
 - LED Go-No-Go and fault code
 - Built in time guard anti short cycle
 - Phase protection
 - Fault code retention logic
 - Low voltage compressor contactor protection
- Full perimeter base rails with built-in rigging adapters and fork truck slots.
- Pre-painted exterior panels and primer-coated interior panels tested to 500 hours salt spray protection.
- Direct drive permanently lubricated condenser fan motors.
- All units factory run tested.
- Compressors mounted on independent vibration isolators
- High Capacity filter drier shipped for each refrigerant circuit and field installation.
- Standard parts warranty,
 - 5-year compressor parts
 - 1-year RTPF condenser coil parts
 - 1-year parts

PERFORMANCE DATA

Operating Weight: _____ lbs

When used with indoor unit: _____, the following combination ratings apply:

Cooling —

Total Capacity: _____ Btuh

Sensible Capacity: _____ Btuh

Outdoor db: _____ °F

Entering Indoor wb: _____ °F

Indoor Unit CFM: _____ @ _____ in. wg ESP

Power Input to Unit: _____ kW

Heating —

Integral Capacity: _____ Btuh at _____ F db

Power Input to Unit: _____ kW

Indoor Entering Air db: _____ F dB

High Temp: _____ COP

ELECTRICAL DATA

Power Supply to Unit _____ Volts _____ Phase _____ Hz

Minimum Circuit Amps _____ Maximum Overcurrent Protection _____

SUBMITTAL DATA

Job Name _____

Architect _____

Engineer _____

Contractor _____

OPTIONS AND ACCESSORIES

FACTORY-INSTALLED OPTIONS (FIOPs)

- ☐ E-Coated Condenser Coil - required for use in any non standard (Non Corrosive) environment.
- ☐ Pre Coat Condenser Coil
- ☐ Motormaster[®] Low ambient head pressure controller, down to -20°F (-29°C)
- ☐ Non-fused disconnect
- ☐ Powered 115-volt convenience outlet
- ☐ Non-powered 115-volt convenience outlet
- ☐ Condenser hail guard - louvered style

OPTIONAL WARRANTIES

- ☐ Complete Unit Parts only up to 5 years
- ☐ Complete Unit Parts and Labor up to 5 years

Many other optional warranties are available.

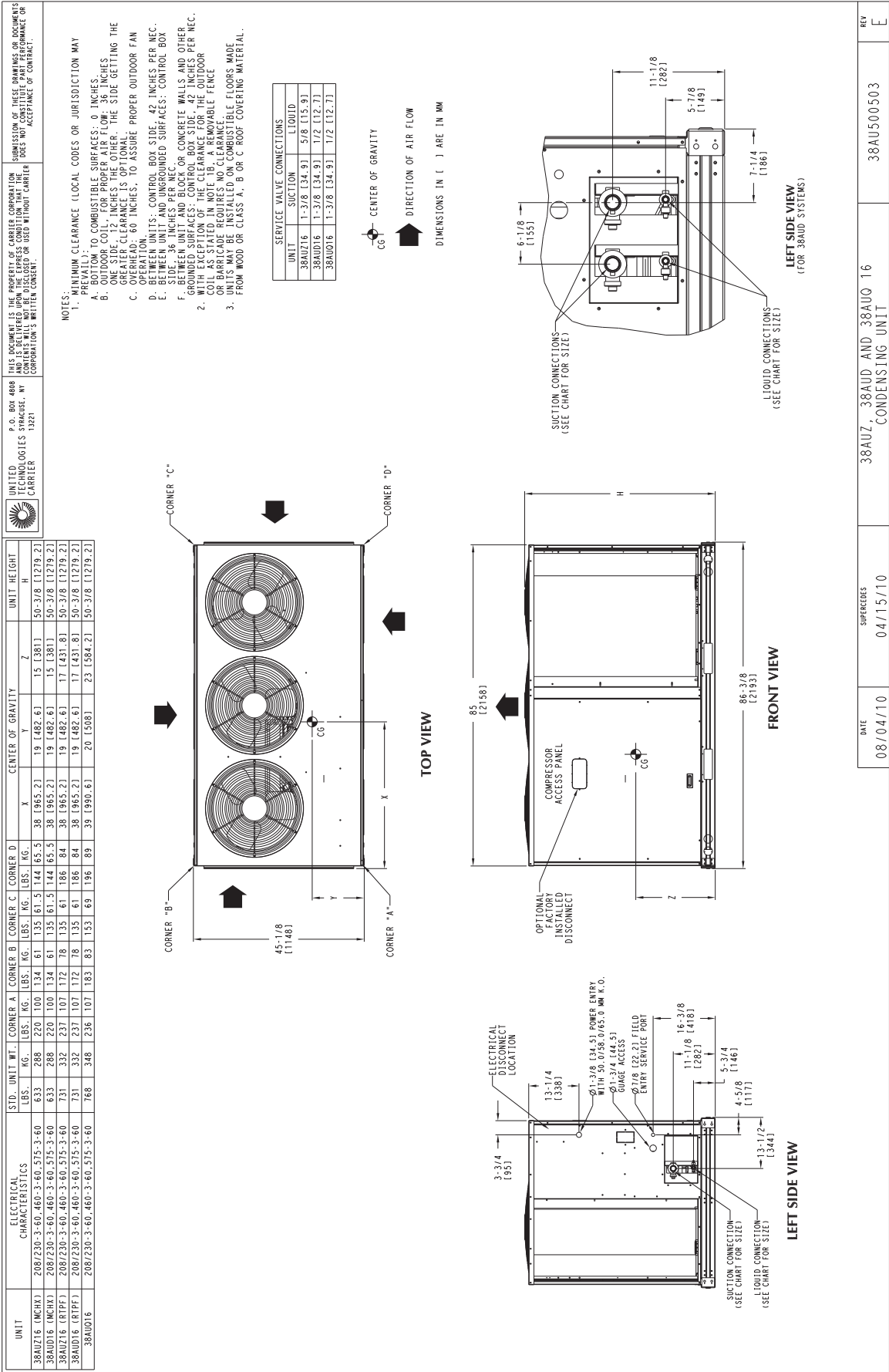
See the *Commercial Start-Up and Optional Extended Warranty Price* price pages for further information.

FIELD INSTALLED ACCESSORIES

- ☐ Motormaster[®] Low ambient head pressure controller, down to -20°F (-29°C)
- ☐ Liquid Line Solenoid Valve
- ☐ Liquid Line Solenoid Valve Coil
- ☐ Filter Drier
- ☐ Sight Glass
- ☐ Condenser coil hail guard - louvered style
- ☐ Wired Grille - Condenser Coil guard (07-12 models only)
- ☐ Thermostats and thermostat accessories

C10096

CERTIFIED DIMENSION 38AUQ*16



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