Submittal Data

— PERFORMANCE DATA
— CERTIFIED DIMENSION PRINTS
DESCRIPTION

38AU units are air-cooled condensing units which are easily connected by refrigerant lines and low voltage control wiring to matching Carrier packaged air-handling units or other suitable evaporator units to provide customized packages covering a wide range of cooling requirements. Powerful, direct-drive axial-flow fans are mounted horizontally with vertical coils, resulting in a desirable low silhouette. They are ideal for new construction or renovation where quality and performance are required.

STANDARD FEATURES

- Puron (R-410A) HFC refrigerant
- Single Circuit (38AUZ) are available in 07 to 25 models.
- Dual Circuit (38AUD) are available in 12 to 25 models.
- Novation™ condenser coil available on size 07 - 16 units.
- Round Copper Tube/Aluminum Plate Fin (RTPF) condenser coil available on size 25 units.
- Cooling operating range up to 52°C (125°F) and down to 2°C (35°F)
- 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 and low pressure switches.
- Designed in accordance with Underwriters’ Laboratories Standard 1995 and listed by UL and UL, Canada
- 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.
PERFORMANCE DATA

Cooling Capacity: ____________ Btuh
Ambient Air Temperature: ____________ °C
Saturated Suction Temperature: ____________ °C
Saturated Condensing Temperature: ____________ °C
Compressor Power Input: ____________ kW
Compressor Fan Power Input: ____________ kW
Compressor Unloading Steps: ____________ %
Minimum Ambient Air Temperature
Standard Unit: ____________ °C

ELECTRICAL DATA

Power Supply to Unit ____________ Volts ____________ Phase ____________ Hz
Minimum Circuit Amps ____________ Maximum Overcurrent Protection ____________

SUBMITTAL DATA

Job Name __________________________
Architect __________________________
Engineer __________________________
Contractor __________________________
Unit Designation ____________________

OPTIONS AND ACCESSORIES

FACTORY-INSTALLED OPTIONS (FIOPs)
- E-Coated Condenser Coil - required for use in any non standard (Non Corrosive) environment.
- Additional Pre Coat on size 25 units
- Motormaster® Low ambient head pressure controller, down to -29°C (-20°F)
- Non-fused disconnect
- Condenser hail guard - louvered style

FIELD INSTALLED ACCESSORIES
- Motormaster® Low ambient head pressure controller, down to -29°C (-20°F)
- Winter start kit, down to -4°C (25°F)
- Suction Line Accumulator
- Liquid Line Solenoid Valve
- Solenoid Coil
- Filter Drier
- Sight Glass
- Condenser coil hail guard - louvered style
- Wired Grille - Condenser Coil guard, 07 to 14 size units only.
- Thermostats and thermostat accessories