Submittal Data

— PERFORMANCE DATA
— CERTIFIED DIMENSION PRINTS
Job Data: __________________________ Location: __________________________
Buyer: __________________________ Buyer P.O.#: __________________________ Carrier: __________________________
Unit Number: __________________________ Model Number: __________________________
Unit Designation: __________________________

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-stage cooling capacity control on 07-14 models
• Single circuit two-stage cooling capacity control on 07 and 08 models (38AUZ/D/E units only).
• Two-stage cooling capacity control on 12 to 25 models
• All models utilize Round Copper Tube/Aluminum Plate Fin (RTPF) condenser coils.
• 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 and low pressure switches.
• UL or UL, Canada listed (07-14 models) applies to standard units; 575-volt units UL, Canada only.
• ETL listed (16-25 models)
• 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
• Standard limited parts warranty:
  • 5-year compressor parts
  • 1-year condenser coil parts
  • 1-year parts
PERFORMANCE DATA

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

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
☐ Pre Coat on Condenser Coil
☐ Copper/Copper Condenser Coil
☐ Motormaster® Low ambient head pressure controller, down to -20°F (-29°C)
☐ Non-fused disconnect
☐ Hot Gas By-Pass (38AUD 12, 16, and 25 models only)
☐ Powered 115-volt convenience outlet
☐ Non-powered 115-volt convenience outlet
☐ Condenser hail guard - louvered style

FIELD INSTALLED ACCESSORIES
☐ Motormaster® Low ambient head pressure controller, down to -20°F (-29°C)
☐ Winter start kit, down to 25°F (-4°C)
☐ Liquid Line Solenoid Valve
☐ Solenoid Coil
☐ Sight Glass
☐ Condenser coil hail guard - louvered style
☐ Thermostats and thermostat accessories

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.
CERTIFIED DIMENSION 38AU*07, 08, 12, 14

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**NOTE:** MCHX units are not currently available.
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