

JOB NAME: \_\_\_\_\_ LOCATION: \_\_\_\_\_  
PURCHASER: \_\_\_\_\_ ORDER NO: \_\_\_\_\_  
ENGINEER: \_\_\_\_\_  
SUBMITTED TO: \_\_\_\_\_ FOR: \_\_\_\_\_ REF: \_\_\_\_\_ APPROVAL: \_\_\_\_\_ CONSTRUCTION: \_\_\_\_\_  
SUBMITTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
UNIT DESIGNATION: SCHEDULE NO. \_\_\_\_\_ MODEL NO: \_\_\_\_\_

**COOLING PERFORMANCE**

TOTAL CAPACITY ----- MBH  
SENSIBLE CAPACITY ----- MBH  
OUTDOOR DESIGN TMP. ----- °F DB/WB  
TOTAL SUPPLY AIR ----- CFM  
TEMP. OF AIR ENTERING  
EVAPORATOR COIL ----- °F DB/WB  
POWER INPUT REQ. -----  
(LESS BLOWER MOTOR) ----- KW

**HEATING PERFORMANCE**

ELECTRIC HEAT ----- KW  
GAS-FIRED INPUT CAP. ----- MBH

**SUPPLY AIR BLOWER PERFORMANCE**

TOTAL SUPPLY AIR ----- CFM  
EXT. STATIC PRESS. ----- IWG  
BLOWER SPEED ----- RPM  
POWER OUTPUT REQ. ----- BHP  
MOTOR RATING ----- HP  
POWER INPUT REQ. ----- KW

**ELECTRICAL DATA**

POWER SUPPLY -----  
TOTAL UNIT AMPACITY ----- AMPS  
MAX. OVERCURRENT DEVICE  
\_\_\_ FUSE \_\_\_ BREAKER \_\_\_\_\_ AMPS

**TOTAL UNIT WEIGHT**

INCLUDING FACTORY- INSTALLED  
OPTIONS ----- LBS

**FACTORY-INSTALLED ACCESSORIES**

- SINGLE INPUT ELECTRONIC ENTHALPY ECONOMIZERS ---
- POWER EXHAUST -----
- MOTORIZED OUTDOOR AIR INTAKE DAMPER -----
- PHENOLIC COATED REHEAT COIL -----
- PHENOLIC COATED EVAPORATOR COILS -----
- PHENOLIC COATED CONDENSER COILS -----
- ELECTRIC HEATERS -----
- FILTER (2" THROW AWAY) -----
- FILTER (4" PLEATED) -----
- CONVENIENCE OUTLET -----
- DISCONNECT SWITCH -----
- BAS – (BUILDING AUTOMATION SYSTEMS) -----
- SMOKE DETECTOR (RETURN) -----
- SMOKE DETECTOR (SUPPLY) -----
- COIL GUARD -----
- STAINLESS STEEL HEAT EXCHANGER -----
- PHASE MONITOR -----
- HIGH SPEED DRIVE -----
- DIRTY FILTER SWITCH -----
- HINGED FILTER DOOR/"TOOLESS" BLOWER AND  
ACCESS PANELS (NOT HINGED) -----
- BAROMETRIC RELIEF DAMPER -----

**FIELD-INSTALLED ACCESSORIES**

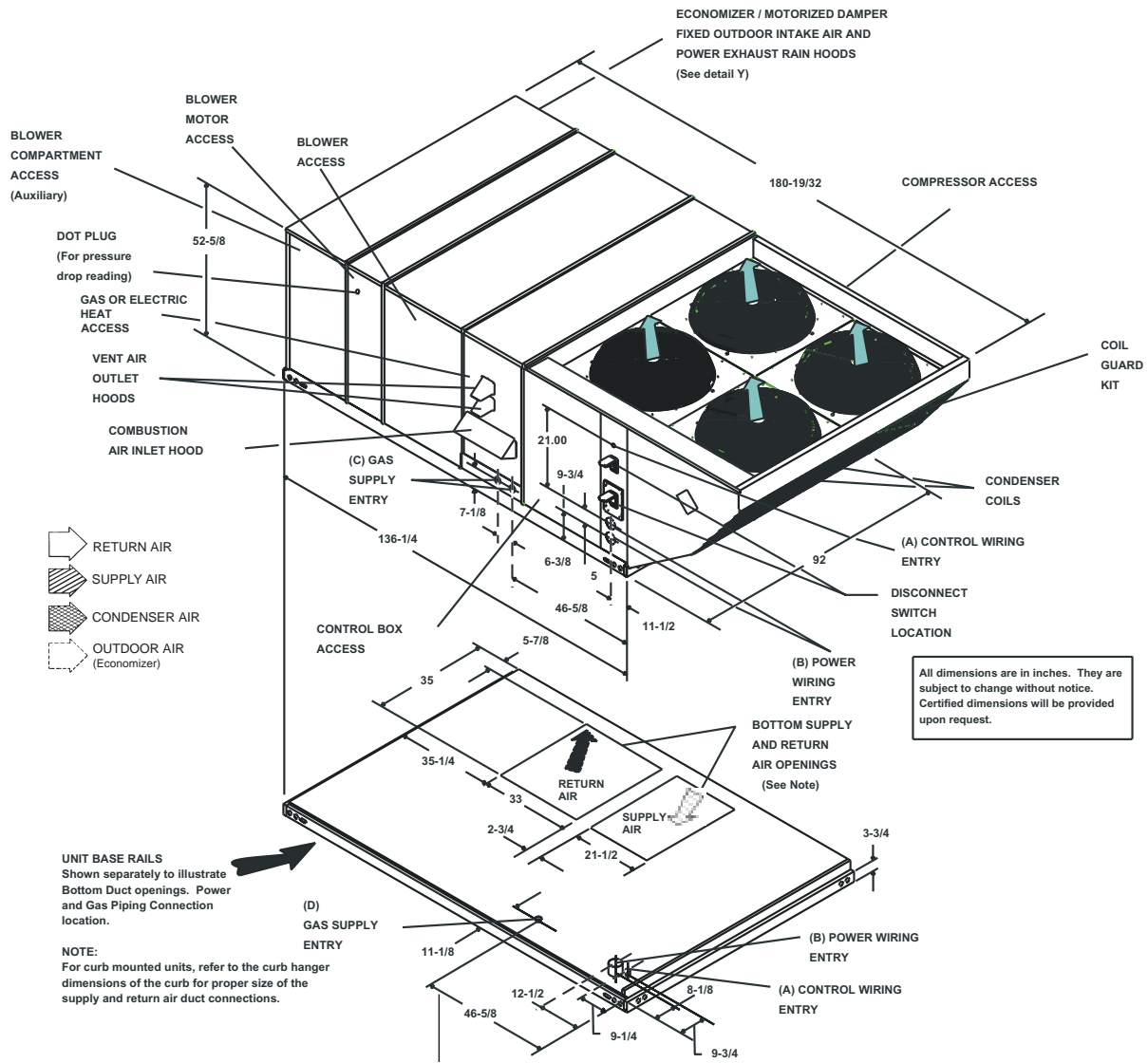
- SINGLE INPUT ELECTRONIC ENTHALPY ECONOMIZERS -----
- MOTORIZED OUTDOOR AIR INTAKE DAMPER -----
- ROOF CURBS -----
- HIGH ALTITUDE NATURAL GAS -----
- PROPANE CONVERSION -----
- HIGH ALTITUDE PROPANE -----
- SIDE DUCT FLANGES -----
- BAROMETRIC RELIEF DAMPER -----
- HIGH SPEED DRIVE -----
- ENTHALPY ACCESSORY CONTROL KIT (DUAL) -----
- BURGLAR BARS -----
- FLUE EXHAUST EXTENSION KIT -----
- WOOD SKID -----
- CO<sup>2</sup> SENSOR -----
- COIL GUARD -----
- PHASE MONITOR -----
- SMOKE DETECTOR (RETURN) -----
- SMOKE DETECTOR (SUPPLY) -----

**SUNLINE MAGNUM™  
GAS/ELECTRIC SINGLE PACKAGE  
AIR CONDITIONERS  
MODELS: DJ/DR 180, 210, 240 & 300**

FORM: 036-22263-002-A-1102

Supersedes: 036-22263-001-A-0602

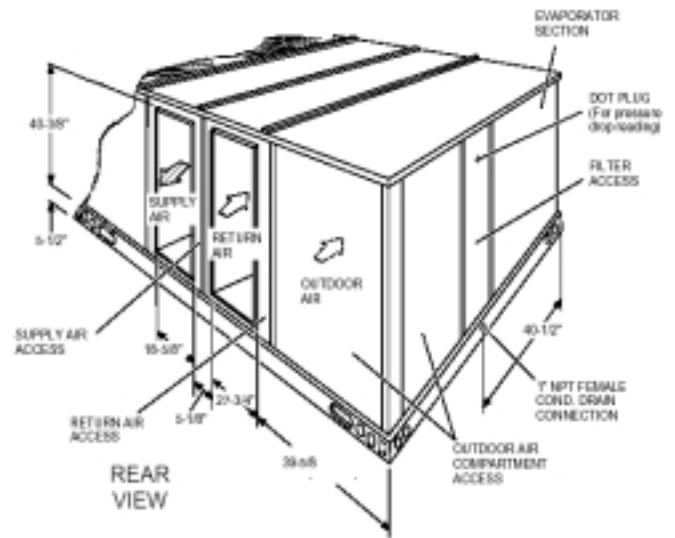




**UTILITIES ENTRY DATA**

HOLE	OPENING SIZE (DIA.)	USED FOR	
A	1-1/8" KO	Control Wiring	Side
	3/4" NPS (Fem.)		Bottom
B	3-5/8" KO	Power Wiring	Side
	3" NPS (Fem.)		Bottom
C	2-3/8" KO	Gas Piping (Front) <sup>1</sup>	
D	1-11/16" Hole	Gas Piping (Bottom) <sup>1</sup>	

1. 3/4" gas piping MTP required.



**TABLE 1: MINIMUM CLEARANCES**

LOCATION	CLEARANCE
Front	36"
Back	24" (Less Economizer) 49" (With Economizer)
Left Side (Filter Access)	24" (Less Economizer) 36" (With Economizer)
Right Side (Cond. Coil)	36"
Below Unit <sup>1</sup>	0"
Above Unit <sup>2</sup>	72" With 36" Maximum Horizontal Overhang (For Condenser Air Discharge)

- Units may be installed on combustible floors made from wood or class A, B, or C roof covering material.
- Units must be installed outdoors. Overhanging structures or shrubs should not obstruct condenser air discharge outlet.
- If economizer is factory installed, the assembled hood kit must be removed prior to final installation. This hood is 54" long.

**NOTE:** A 1" clearance must be provided between any combustible material and the supply air ductwork for a distance of 3 feet from the unit.

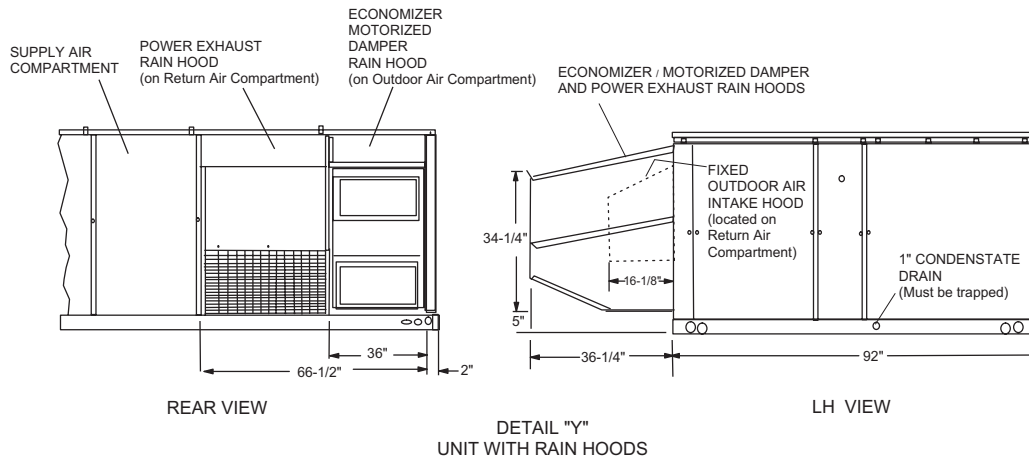
**NOTE:** The products of combustion must not be allowed to accumulate within a confined space and recirculate.

**NOTE:** Locate unit so that the vent air outlet hood is at least:

- Three (3) feet above any force air inlet located within 10 horizontal feet (excluding those integral to the unit).
- Four (4) feet below, four horizontal feet from, or one foot above any door or gravity air inlet into the building.
- Four (4) feet from electric and gas meters, regulators and relief equipment.

**NOTE:** All entry holes should be field sealed to prevent rain water entry into building.

**UNITS WITH RAIN HOODS**



REFER TO TECH GUIDE 036-21410-001 FOR THE LIST OF STANDARD FEATURES

ATTACHED  NOT ATTACHED

NOTES: \_\_\_\_\_

SUBJECT TO CHANGE WITHOUT NOTICE