



DI-5.0RSS PORTABLE AC & HEAT UNIT

PERFORMANCE

COOLING CAPACITY	62,000 BTU/HR
RETURN AIR COND DB	20 DEG F DROP
COND AIR SUPPLY	2250 CFM @ 0.1" WET COIL
HEATING CAPACITY	60,000 BTU/H HEAT PUMP
OPT RESISTANCE HEATER	7.2KW, 9.6KW @ 240V
DEHUMIDIFYING	50% RH MAX
MAX OPERATING AMBIENT	125 DEG F ~ 52 DEG C
MIN OPERATING AMBIENT	- 40 DEG F ~ C
RATING AMBIENT	95 DEG F ~ 35 DEG C

MECHANICAL

REFRIGERATION STAGES	1 STAGE
HEATING STAGES	1 STAGE – HP+RESISTANCE
COMPRESSOR TYPE	SCROLL
REFRIGERANT TYPE	R410A
EVAP COIL MATERIAL	COPPER TUBE / ALUM FIN
COND COIL MATERIAL	COPPER TUBE / ALUM FIN
EXPANSION VALVE TYPE	TXV-THERMAL EXPANSION
CIRCULATING FAN	FORWARD CURVE
CONDENSER FAN TYPE	AXIAL
SUB BASE MATERIAL	GALVANIZED STEEL
CABINET FINISH	POWDER COAT
WEIGHT	580 LBS

DUCTS

DIAMETER	14"
SUPPLY DUCTS	1
RETURN DUCTS	1
EXTERNAL STATIC PRESSURE	1.0" MAX

ELECTRICAL

VOLTS/PHASE/HZ	208-230V/1PH/60HZ
MAX POWER COOLING	RLA 34.1 (8.2KW) LRA 165
MAX POWER HEATING W/7.2KW	RLA 30 add to HP RLA for total
W/9.6KW	RLA 40 add to HP RLA for total
MOTOR PROTECTION	SUPPLY BREAKER & INTERNAL CONTACTOR
COMPRESSOR PROTECTION	INTERNAL THERMAL & MOTOR CONTACTOR
COOLING COLTROLS	THERMOSTAT ~ RETURN AIR SENSING
HEATING CONTROLS	THERMOSTAT ~ RETURN AIR SENSING
MODE SELECTOR SWITCH	ON/OFF ~ AUTO TEMP ~ FAN ALWAYS ON
COOLING SAFETY SWITCHES	STD – HI PRESS SWITCH
HEATING SAFETY SWITCHES	HI TEMP - BI METAL DISC



DESCRIPTION

The DI-5.0RSS HVAC System offers all-in-one service for your air conditioning, area cooling, dehumidifying and portable heating needs. This outdoor ALL weather unit is completely self-contained and portable; it provides 62,000btu/h cooling and 60,000btu/h heating. It has optional supplemental 4.8/7.2/9.6KW heat strip available for effective heating when ambient temperature is below 40 degrees F. Second power cord required when adding an optional heat strip. The unit is shipped complete with Remote Temp Controller, 25' Controller Cable, Storage Case, 30' Power Cord with choice of Plug End and Foam Filled Turf Tires. This unit is also available in 3 Phase.

