



# DI-2.5RSS PORTABLE AC & HEAT UNIT

## PERFORMANCE

COOLING CAPACITY	30,000 BTU/HR
RETURN AIR COND DB	20 DEG F DROP
COND AIR SUPPLY	1000 CFM @ 0.1" WET COIL
HEATING CAPACITY	30,000 BTU/H HEAT PUMP
OPT RESISTANCE HEATER	4.8KW, 7.2KW @ 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	431 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 17.3 (4.15KW) LRA 85
MAX POWER HEATING W/4.8KW	RLA 37.3 (8.95KW)
W/7.2KW	RLA 47.3 (11.35KW)
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-3.0RSS HVAC System offers all-in-one service for air conditioning, area cooling, dehumidifying and portable heating needs. This outdoor ALL weather unit is completely self-contained and portable; it provides 30,000btu/h cooling and 30,000btu/h heating. It has optional supplemental 4.8/7.2KW heat strip available for effective heating when ambient temperature is below 40 degrees F. 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.

