



DI-3.5TOU PORTABLE AC & HEAT UNIT

PERFORMANCE

COOLING CAPACITY	42,000 BTU/HR
RETURN AIR COND DB	20 DEG F DROP
COND AIR SUPPLY	1400 CFM @ 0.1" WET COIL
HEATING CAPACITY	42,000 BTU/H HEAT PUMP
OPT RESISTANCE HEATER	5KW, 7.5KW, 10KW @ 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	481 LBS

DUCTS

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

ELECTRICAL

VOLTS/PHASE/HZ	208-240V/1PH/60HZ
MAX POWER COOLING	RLA 22.08 (5.3KW) LRA 104
MAX POWER HEATING W/7.5KW	RLA 53.33 (12.80KW)
W/10KW	RLA 63.74 (15.30KW)
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-3.5TOU 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 42,000btu/h cooling and 42,000btu/h heating. It has optional supplemental 5/7.5/10KW 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.

