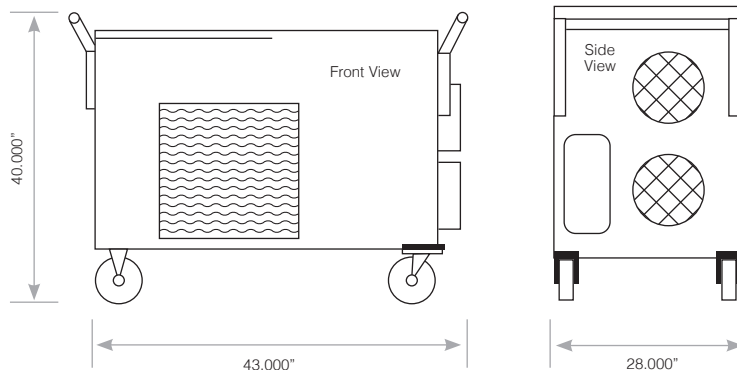


Isolation Systems Drake DI-2.0HHP Portable AC & Heat Unit

The DI-2.0HHP HVAC System offers all-in-one service for air conditioning, dehumidifying, and portable heating needs. Completely self-contained and portable, this heat pump provides 24,000 btu/h cooling and 24,000 btu/h heating. It has supplemental Resistance Heat Strip (17,732btu/h) for effective heating when ambient temperature is below 40 degrees F. With "On-Board" storage for ducting, controller, controller cable, and manual this unit is easy to deploy, store, and transport. It has become a favorite of the Japanese Red Cross. Over 250 units have been deployed across Japan to heat/cool portable emergency shelters in the event of natural disasters, such as the earthquake and tsunami of 2011.



Includes:

- (1) Power Cord with Plug End of Choice
- (1) Controller with Case
- (2) 14" Ducts 10' in Length
- (2) 25' Power Cables

Performance

COOLING CAPACITY	24,000 BTU/HR
RETURN AIR COND DB	20 DEG F DROP
COND AIR SUPPLY	750CFM @ 0.1" WET COIL
HEATING CAPACITY	24,000 BTU/H HEATPUMP
RESISTANCE HEATER	17,732 BTU/H, 5.2KW (22.10A)
DEHUMIDIFYING	50% RH MAX
MAX OPERATING AMBIENT	125 DEG F ~ 52 DEG C
MIN OPERATING AMBIENT	- 20 DEG F ~ C
RATING AMBIENT	95 DEG F ~ 35 DEG C

Electrical

VOLTS/PHASE/HZ	208-230V/1PH/50-60HZ
MAX POWER COOLING	RLA 11.1 (2.55KW) LRA 57
MAX POWER HEATING	RLA 33.2 (7.6KW) LRA 57
MOTOR PROTECTION	SUPPLY BREAKER & INTERNAL CONTACTOR
COMPRESSOR PROTECTION	INTERNAL THERMAL & MOTOR CONTACTOR
COOLING CONTROLS	THERMOSTAT ~ RETURN AIR SENSING
HEATING CONTROLS	THERMOSTAT ~ RETURN AIR SENSING
MODE SELECTOR SWITCH HEATING	ON/OFF ~ AUTO TEMP ~ FAN ALWAYS ON
SAFETY SWITCHES	HI TEMP CUT OUT (BI METAL DISC)

Ducts

DIAMETER	12"
SUPPLY DUCTS	1
RETURN DUCTS	1
EXTERNAL STATIC PRESSURE	1.0" MAX

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	CAP TUBE SYSTEM
CIRCULATING FAN	FORWARD CURVE
CONDENSER FAN TYPE	AXIAL
SUB BASE MATERIAL	11 GAUGE STEEL
CABINET FINISH	POWDER COAT
WEIGHT	314 LBS