

DRAKE INDUSTRIES

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PORTABLE ENVIRONMENTAL CONTROL UNITS FOR ALL APPLICATIONS

MODEL: DI - 1.25VHP-1.6 ECU

Dimensions are Inches
 Weight 191 pounds

PERFORMANCE

COOLING CAPACITY	15,000 BTU/HR
RETURN AIR CONDITION DB	20 DEG DROP FROM AMBIENT
CONDITION AIR SUPPLY	550 CFM MIN. @ 0.1 WET COIL
HEATING CAPACITY	13,500 BTU/HR HEAT PUMP
OPT RESISTANCE HEAT	5600 BTU (1.64KW) RESISTANCE HEATER
DEHUMIDIFYING	50% RH MAX
MAX OPERATING AMBIENT	125 DEG F / 52 DEG C
RATING AMBIENT	95 DEG F / 35 DEG C
MIN OPERATING (HEATING)	MINUS 40 DEG F AND C

MECHANICAL

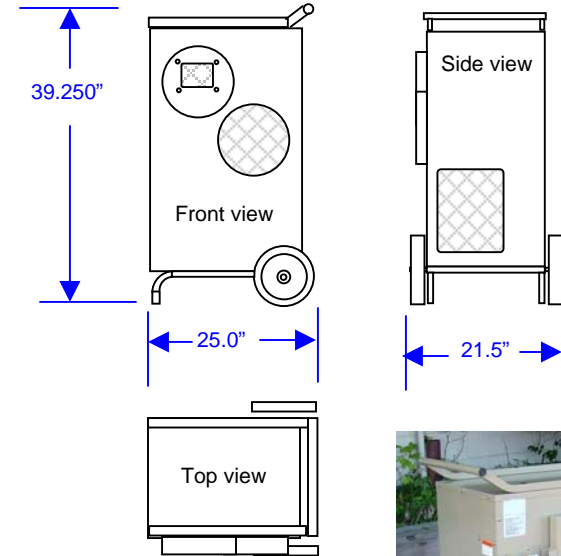
REFRIGERATION STAGES	1 STAGE
COMPRESSOR TYPE	SCROLL
REFRIGERATION TYPE	R410A
EVAPORATOR COIL MATERIAL	COPPER TUBE / ALUM FIN
CONDENSER COIL MATERIAL	COPPER TUBE / ALUM FIN
EXPANSION VALVE TYPE	BI-FLOW RESTRICTOR
CIRCULATING FAN	FORWARD CURVE
CONDENSER FAN TYPE	AXIAL
SUB BASE MATERIAL	GALVANIZED STEEL
FINISH	POWDER COATED CABINET BLM CARLSBAD CANYON BROWN
WEIGHT	191 LBS

DUCTS

DUCT DIAMETER	10"
NUMBER OF SUPPLY DUCTS	1
NUMBER OF RETURN DUCTS	1
EXTERNAL STATIC PRESSURE	1.0" MAX

ELECTRICAL

VOLTAGE/PHASE/HZ	115 VOLTS SINGLE PHASE/60HZ (24 VAC CONTROLS)
MAX POWER DRAW	RL 15.5A 1.8KW LR 63A (HEATING ADD RESISTANCE HEAT)
CONNECTOR TYPE / MODEL	BRYANT WEATHER TIGHT
MOTOR PROTECTION	SUPPLY BREAKER & INTERNAL CONTACTOR
COMPRESSOR PROTECTION	INTERNAL THERMAL PROTECTION & MOTOR CONTACTOR
HEATING STAGES	1 STAGE PLUS RESISTANCE HEAT 14.3A
COOLING CONTROLS	THERMOSTAT - RETURN AIR SENSING
HEATING CONTROLS	THERMOSTAT - RETURN AIR SENSING
MODE SELECTOR SWITCH	ON-OFF, AUTOMATIC TEMPERATURE CONTROL, FAN ALWAYS ON
COOLING SAFETY SWITCHES	STD - HI PRESSURE SWITCH
HEATING SAFETY SWITCHES	HI TEMPERATURE CUT-OUT (BI METAL DISK TYPE)



FEATURES

REMOTE CONTROL	YES
EMI SUPPRESSION	NO
SERVICE PORTS	YES
STAGGERED START	NO
MAIN POWER DISCONNECT	YES
FRESH AIR DAMPER	NO
CONTROLLER BYPASS SWITCH	YES

MOBILITY

SEMI-PNEUMATIC CASTERS	YES
PUSH HANDLE	YES