



3.5 TON PORTABLE HVAC UNIT

SPECIFICATIONS

PERFORMANCE

COOLING CAPACITY	40,500 BTU/HR
RETURN AIR CONDITION DB	20 DEG DROP
CONDITION AIR SUPPLY	1400 CFM @ 0.1 WET COIL
HEATING CAPACITY	40,000 BTU/HR HEAT PUMP
OPTIONAL RESISTANCE HEAT	10.56KW @240V
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
EXPANSION VALVE TYPE	TXV—THERMAL EXPANSION
CIRCULATING FAN	FORWARD CURVE
CONDENSER FAN TYPE	AXIAL
SUB BASE MATERIAL	GALVANIZED STEEL
FINISH	POWDER COATED CABINET

DEMINSIONS

51" L x 35.5" W x 45" H

WEIGHT

481 LBS

DUCTS

DUCT DIAMETER 12" SUPPLY [1X] - 14" RETURN [1X]

ELECTRICAL

VOLTAGE/PHASE/HZ	208-230V/SINGLE/60HZ
MAX POWER	RLA 27 (6.4KW) LRA 109
MOTOR PROTECTION	BREAKER & CONTACTORS
COMPRESSOR PROTECTION	INTERNAL THERMAL
HEATING STAGES	1 STAGE + RESISTANCE HEAT
COOLING CONTROLS	THERMOSTAT – ROOM AIR

CM35HPOU



DESCRIPTION

The CM35HPOU HVAC System offers all-in-one services for air conditioning, area cooling, dehumidifying and portable heating needs. Completely self-contained and portable, it provides 40,500btu/h of cooling and 40,000btu/h heating. It has available a supplemental heat strip [5/10kw] for effective heating when ambient temperature is below 38 degrees F. Supplemental heat strip requires separate 208/240V 50 amp circuit. Unit includes a remote Temperature Controller [w/storage case and 25' cable], Top Mount Gear Rack, 30' Power Cable with Plug End [your Choice], Foam Filled Turf Tires and Supply and Return Ducting.

PHOTOS

