

40 Ton Portable A/C & Heat Package

GENERAL DESCRIPTION

YORK® International portable air-conditioner package is specifically engineered for commercial and industrial applications. Combination of high static fan and deep row cooling-coil provide 20-30 degree supply temperature difference in long flexible ductwork. Controls, variable speed drive, and dehumidification offer easy added flexibility. Package is permanently mounted within a tubular steel frame that is easily rigged, fork lifted, craned, and transported within a compact footprint. Power and duct connections secured in seconds ensure rapid setup/teardown and minimized costs.



TECHNICAL DATA

GENERAL

York International Unit Model Y14EC04C4
 Ambient Operating Range 0°-120°F
 Refrigerant Circuits 4
 Supply Air Flow Range 8,000–18,000 CFM

UNIT DIMENSIONS (With Skid & Frame)

Length 21' 8"
 Width 8' 0"
 Height 6' 11"
 Shipping Weight 7,970 lbs

ELECTRICAL DATA

Single Point Power Supply 460V / 3Ø / 60Hz
 Connections (4) Series 16 Cam Type
 Electric Heat 133 kW
 Minimum Circuit Amps
 Cooling Only 125 Amps
 Heating Only 201 Amps

AIR CONDITIONER & HEAT FEATURES

Four independent 10.0-ton scroll refrigerant systems. 0° F low ambient operation
 Each circuit includes expansion valve, liquid line filter drier, high-pressure switch, suction freestat and low pressure / loss charge switch.

PACKAGE FEATURES

Single Point Power w/ Disconnect Switch
 Phase Failure, Reversal, Over / Under Protection
 Control Lights (main power & main power phasing)
 Thermostat Control
 Electrical heat – 2 Stages
 Permanently Attached Supply & Return Duct Covers
 Neoprene Vibration Isolators
 Blower with Variable Frequency Drive (VFD)
 Humidity Control (Humidistat)
 Heresite-Coated Condenser Coil
 Heresite-Coated Evaporator Coil

COOLING CAPACITY (TONS)

Actual capacities subject to leaving temperatures, airflows and ambient conditions.

CFM	WB (°F)	Total MBH	Sensible Capacity MBH		
			Entering Dry Bulb (°F)		
			86	77	68
18,000	67	536	536	376	192
13,000	67	501	450	320	187
8,000	67	458	339	260	179

* Capacities are rated on 95 F ambient air