

60 Ton Process Cooler

Process Cooler 15000: 8,800 to 15,000cfm Refrigeration Package

Dimensions: 8'4" W x 12' L x 8' H

Weight: 11,500 pounds

Full load amperage: 145 amps at 480 volts

Power Supply: 480 Volt, 60 Hertz, 3 phase

Main disconnect: 250 amps

Generator Requirements: 125 KW, 480 volt

Refrigeration: 2 - 34 ton, R-22, scroll compressors

Supply air blower: 8,800 cfm @ 9" static pressure;
15,000 cfm @ 2" static pressure
(air flow is thermostat controlled to maintain dew point setting)

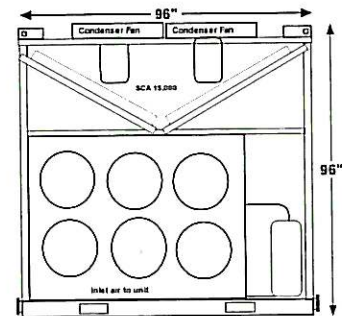
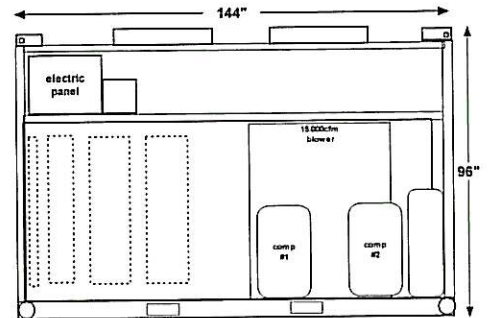
Duct Connection: 2-18" diameter duct

Filter Size: 8 - 20" H x 20" W x 2" deep

Lifting Options: Fork lift pockets in base and four point overhead lifting lugs

Supply air dew point: 40°F to 60°F dew point

Supply air temperature: 40°F to 90°F, thermostatically controlled



Moisture Removal Capacity:

100% outside air; 9,000 cfm @ 95°F, 50% rh: 414 pounds of water per hour

100% outside air; 11,000 cfm @ 80°F, 60% rh: 395 pounds of water per hour

Building return air; 14,000 cfm @ 75°F, 50% rh: 253 pounds of water per hour

