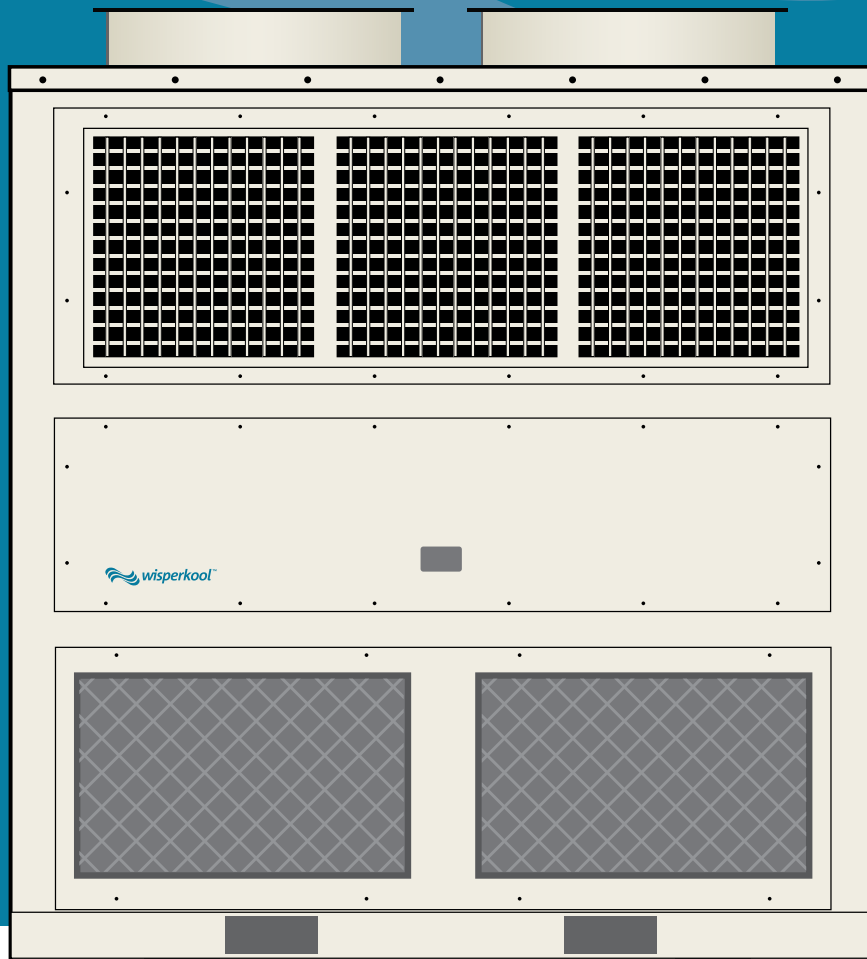
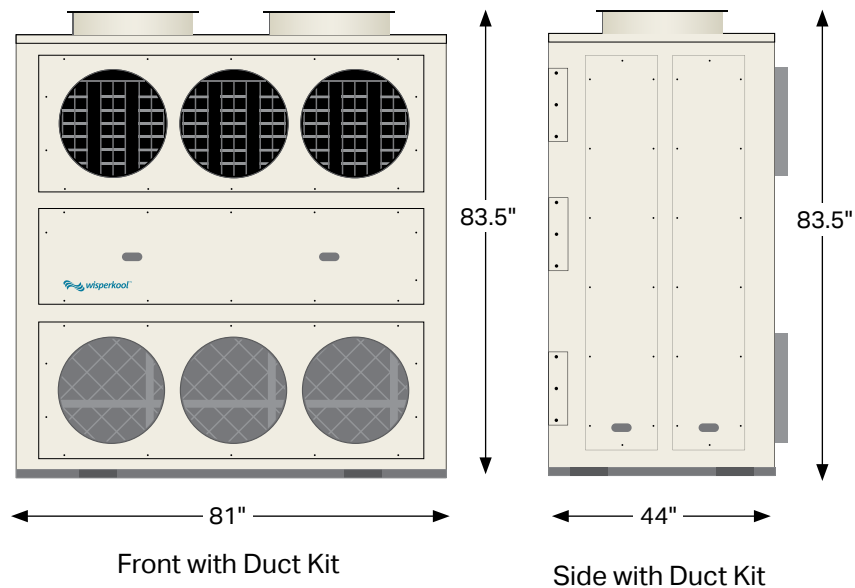
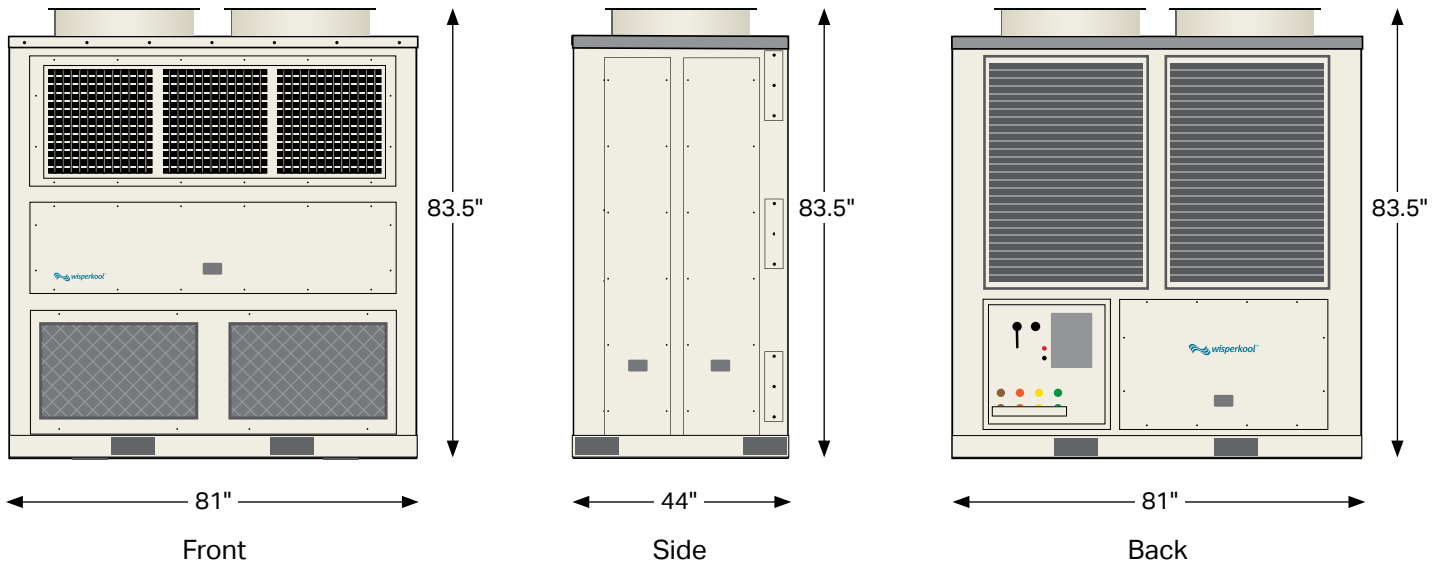


20 Ton—480V Portable Vertical Air-Conditioning and Heating System



Custom HVAC & Filtration • jeff@wisperkool.com • 9/2020



Features and Specifications

The welded structural frame of the 20-ton wisperkool™ is fabricated from 11-gauge steel. The access doors are 14-gauge steel and are insulated for sound and condensate control. Other surfaces that contact condensate have 1" insulation.

All of the frame surfaces are protected with an ATP high-performance epoxy anti-chip powder coat primer, which is then powder coated with a white TGIC weather-resistant polyester (exterior and interior). This combination fights against rust, corrosion, salt, dampness, and extreme process temperatures. An additional surface sealer is applied to the drain pan, condenser fan shelf, and the floor of the compressor compartment to further prevent rusting and deterioration.

Condenser guards and supply grills are constructed from aluminum to reduce weight and prevent rusting.

The cabinet is constructed with side and top tent clamp tethers.

Weight: 2,544 lbs.
Height: 83.5"
Length: 81"
Depth: 44"

Refrigeration

- Refrigerant - 410A
- Hot gas bypass valve

Compressor

- 2 - Bitzer 10-ton scroll compressors
- RotoLock connections

Heating and Cooling

Cooling capacity 267,345 BTUs - 22.27 tons

Heating capacity 153,540 BTUs - 45 kW

Electrical

Data Nab single touch controller

- "Daisy Chain" cam-lock connections with a daisy chain option
- Individual breakers on all loads
- Analog Hour meter
- 480 volt / 60 Hertz / 3 phase

Cooling FLA: 33 amps

Heating FLA: 60 amps

MCA: 75 amps

Blower

Two-speed - CFM: High - 7,061, Low - 5,559

Motor - 5 HP

2 - twin forward curved fans

Condenser Fans

2 - 2 HP single speed motors

2 - 26" diameter props

Heating Coil

- 43 kW custom designed high capacity coil style

Condenser Coil

Custom built heavy-duty multi-circuit raised lance fin

Evaporator Coil

Custom built heavy-duty multi-circuit raised lance fin

Included

Full-length reflector shield over electrical panel for moisture protection

Three supply air louvers with adjustable vertical and horizontal fins

Optional

Duct kits for flexible ducting

Convenience outlets with transformer

Easy-connect remote thermostat

Condensate pump

Smoke detector

ZTR Telemetric remote control





20 Ton Front View



20 Ton Back View

