



RedDOT
CORPORATION
REDy FOR ANYTHING

HEATER · AIR CONDITIONER
OFF-HIGHWAY EQUIPMENT CABS

R-8545

COOLING
19,800
BTU/HR

BACKWALL

HEATS & COOLS

Compact and powerful.

The highest output of any off-road unit its size.

OVERVIEW

Built where space is tight.

Its performance and durability make the R-8545 the ideal choice for off-highway equipment cabs where space is a premium and reliability is essential.

- Filters in-cab air and incoming outside air
- Supports cab pressurization
- A/C only or heater & A/C models
- 12 or 24 VDC sealed motor
- Three-speed fan



AT A GLANCE

31,460 BTU

Heating @ 100°F

19,800 BTU

Cooling

294 CFM

Air flow

39 LBS

Heater & A/C

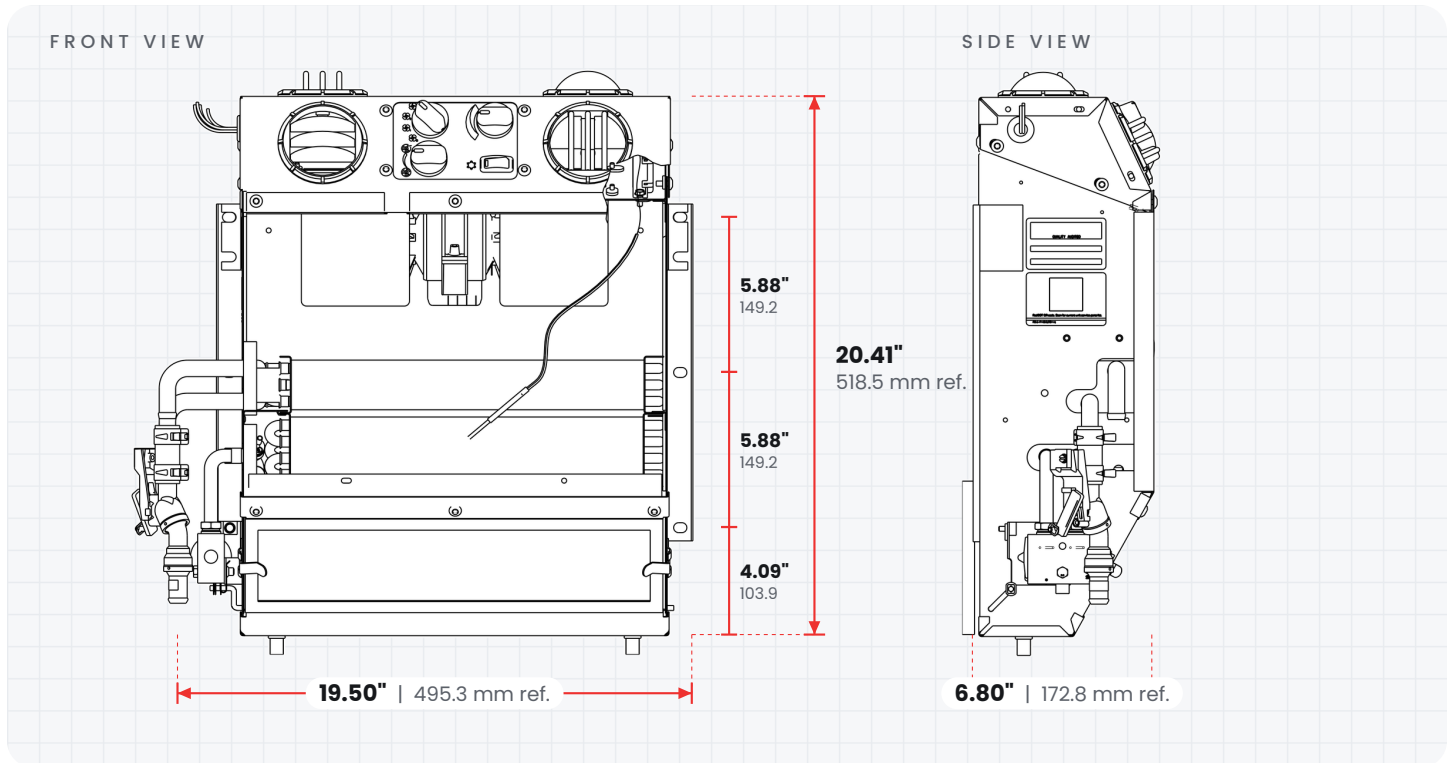
16.1 A

@ 13.6 VDC

12/24
VDC

DIMENSIONS

Compact backwall footprint.



SPECIFICATIONS

Heating	31,460 BTU/hr @ 100°F (8.4 kW @ 37.8°C) air temp. rise
Cooling	19,800 BTU/hr (5.3 kW) with 36°F (2.2°C) refrigerant, 80°F (26.7°C) wet bulb
Air flow	294 CFM
Weight	Heater & A/C 39 lbs (18 kg) · A/C only 34 lbs (15 kg)
Motor	Sealed 12 or 24 VDC permanent magnet, sealed ball bearings
Current draw	16.1 A @ 13.6 VDC (incl. 4 A clutch) · 8 A @ 27.2 VDC (incl. 2 A clutch)
Controls	Heat/A/C mode switch, 3-speed fan, fixed A/C thermostat, cable water valve

ACCESSORIES · SOLD SEPARATELY



Filter kit, horizontal

78R5100

For use with in-line booster pressurizer



Filter kit, vertical

78R5110

For use with in-line booster pressurizer



In-line booster pressurizer

73R9202 · 73R9204

12 VDC · 24 VDC · 3" defrost hose 78R0300