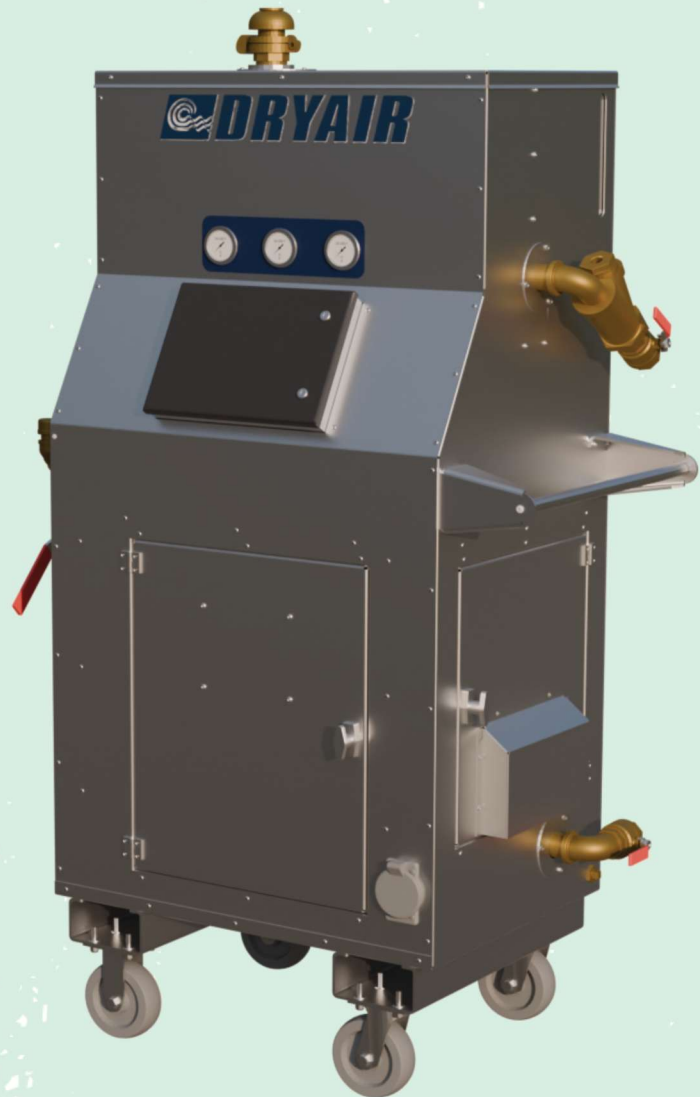


PRODUCT SPECS

Steam Central Heating Unit 1000 SCHU

FEATURES

- The system transfers heat from "on site" steam to a circuit of heat transfer fluid that enables the use of any of the DryAir accessories for heat distribution.
- Automatic temperature control allows the user to set the desired supply fluid temperature by modulating the flow of steam through the heating unit.
- One unit will provide enough heating capacity to heat up to 50,000 sq ft (dependent on the steam source quality).
- Using an existing steam source proves the most versatile and the most economical approach to delivering temporary heat on a construction site/ building renovation.



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PRODUCT SPECS

Steam Central Heating Unit 1000 SCHU

Specifications

Steam requirements:

- For use with low pressure steam - 15 psi or less
- Steam supply and condensate return pipe connections to unit are 1½" FNPT
- Condensate trap is an integral part of the unit
- Must be connected to the site supply by a licensed steam-fitter/pipe-fitter
- Steam pressure reducing valves not included

Fluid distribution:

2nd circuit

- Heat transfer fluid circuit
- 2" hose and Kamlock connections

Reservoir

- On-board "open-vented" glycol reservoir
- External connection for an optional external extended reservoir
- A selector valve is used to select either the on-board reservoir or the external reservoir

Pump

- 2HP, 11.2SFLA, 13FLA
- 50 - 75 US GPM

Electrical:

System requirements

- 230V, 1 Ph, 60Hz, 30A

Control circuitry

- 24V

Heat exchanger (Type)

- 304 copper-brazed stainless steel plates, 20 plates

Hot Side

Fluid

- Water/Steam

Mass Flow Rate

- 1,036 lb/h

Fluid Condensed/Vaporized

- 1,036 lb/h

Inlet Temperature

- 248.4°F

Outlet Temperature

- 229.4°F

Saturated Temperature

- 248.4°F

Pressure Drop

- 1.67psi

Operating Pressure (in/out)

- 29.00/27.33 psi

Heat Exchange

- **1,000,000 BTU/h

Cold Side

Fluid

- 50.0% Propylene Glycol

Mass Flow Rate

- 25,120lb/h

Fluid Condensed/Vaporized

- 0.000lb/h

Inlet Temperature

- 135.7°F

Outlet Temperature

- 180.0°F

Pressure drop

- 3.28 psi

Operating pressure(in/out)

- 29.00/27.33 psia

Heat exchange

- **1,000,000 BTU/h

Optional:

- Extended reservoir package (cart type)

Unit Weight

- 405lbs

**with 1,036 lb/h of steam and 50 US GPM of fluid flow

