

# PRODUCT SPECS

# HEAT CENTER PRO 900 HCP

## FEATURES

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- The Heat Center Pro offers the fuel saving benefits of our modular hydronic heating systems in a fully enclosed trailer for added convenience.
- The HCP features a 900,000 Btu water heater and has room to store 4 HEFA 200 (200,000 Btu), 4 ES200 (200,000 Btu) or 9 HEFA 80 (80,000 Btu) thermostatically controlled, stainless steel fan coils inside the front of the trailer.
- The fold down loading ramp door is finished with a non-skid surface, to provide a stronger footing and increased safety when loading or unloading fan coils from the HCP.
- A protective rail in the front of the trailer to secure all fan coils stored inside, eliminating the need to strap down the fan coils individually.
- Tri-fuel capable, the HCP offers the versatility to run on NG or LP gas, or it can be plumbed into a portable fuel tank to run on diesel, #1 or #2 heating oil.
- Secondary hoses circulate fluid from the manifold under the hose reel to the fan coils inside the building. The manifold is removable, and the HCP comes with 2 1.5" x 50' hoses to allow the manifold and secondary hose connections to be made inside the structure being heated instead of inside the trailer. Fewer hoses running outside the structure provides for a cleaner install and less opportunity for heat loss.
- The HCP features DryAir's innovative Combustion Environmental Control System, allowing the HCP to start and run clean and efficiently, even in extreme cold conditions.



The large, powered hose reel at the back of the HCP is capable of storing all of the hoses needed to circulate fluid to the fan coils. The hose reel can also be loaded with up to 4,000' of ground thaw hose, allowing the HCP to tackle concrete curing, frost prevention, heat tracing or ground thawing applications.



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# PRODUCT SPECS

# HEAT CENTER PRO 900 HCP *cont'd*

## SPECIFICATIONS

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**Dimensions:** 218" l x 94" w x 106" h

**Weight** .....8,422 lbs

**Burner**.....Two stage

**Fuel Specs:**

**Diesel**

**Input capacity**

- 896,000 Btu/h

**Consumption (max)**

- 6.4 US gph

**Natural gas**

**Input capacity**

- 845,000 Btu/h

**Consumption (max)**

- 788.5 cu ft/h

**Propane**

**Input capacity**

- 857,500 Btu/h

**Consumption (max)**

- 9.3 US gph

**Fan Coils:**

Water jacket/fire tube type

**Fluid temperature**

**range** .....130°F to 180°F

**Controls and monitoring:**

Pump and temperature controls, full gauge panel showing circulation fluid temperatures and pressures, 7-light system operation feature for easy troubleshooting

**Circulation Pump:** 2 hp, 80 US gpm

**Operating pressure:** 35 psi

**Electrical:** 230 V, single phase, 60 Hz, 30 A

**Internal fluid circulation system:**

**Basic features**

- Atmospherically vented low pressure system, single supply and return, adjustable fluid temperature control, auto pressure bypass for pump protection and variable flow demands, auto temperature bypass for fan coil protection

**Primary circulation hoses:**

2 1.5" x 50' with ball valves and Kamlok® couplers

**Secondary circulation hoses and manifolds:**

*with 4 HEFA 200 fan coils or with 4 ES200 fan coils*

- 12 1" x 50' hoses with 1" quick connect couplers
- 4 port x 1" detachable manifold

*with 9 HEFA 80 fan coils*

- 28 3/4" x 50' with 3/4" quick connect couplers
- 9 port x 3/4" detachable manifold

**Powered hose reel:**

Forward/reverse with foot pedal or freewheel

**Heat transfer fluid (HTF):**

Non-toxic propylene glycol/water mixture

**Loading (standard):**

Forklift pockets

**Loading (optional):**

Bolt on lifting frame

**Optional**.....7kW MQ generator

**Certification:**

UL/CSA certified

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