

# Quest PowerHeat CHH980 Pro



## Central Hydronic Heater System

### The Quest PowerHeat CHH980 Pro features:

The CSA/UL certified Quest PowerHeat CHH980 Pro Central Hydronic Heater is designed to operate on multiple fuel sources. The burner utilizes proprietary technology to ensure smooth, clean, cold-weather ignition and steady burn efficiency. Quest PowerHeat CHH980s are tri-fuel and a burner change is all that is required to convert from one fuel type to the other. All exposed components on CHH980s are made of non-corrosive stainless steel and aluminum - no expensive refurbishment required. Unlike competitive units, the Quest combustion chamber is 100% stainless steel, making it corrosion-free as well, even when running in low temp applications such as concrete curing.

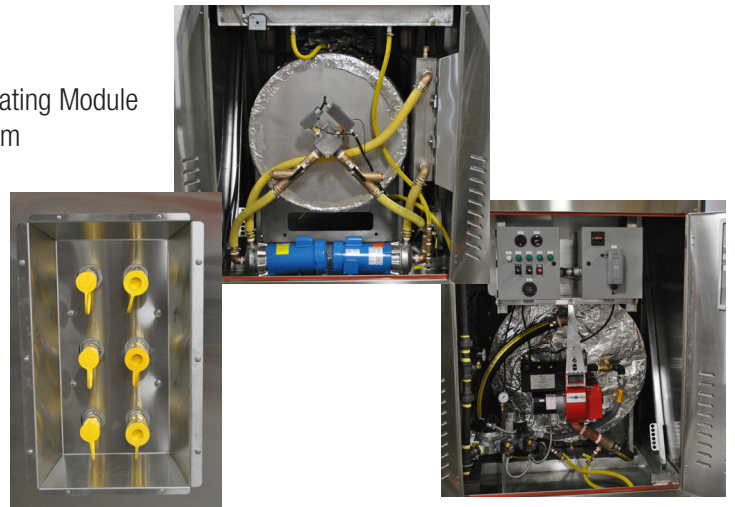
The CHH980 Pro incorporates an open, atmospherically-vented expansion tank, which not only makes it safer to operate, but effectively eliminates the system from Pressure Vessel classification - there is no need for a pressurized boiler permit. The Quest CHH980 Pro system uses 120 gallons of glycol. As a result, the unit will heat up faster, with less energy, and better utilize its powerful 980,000 BTUs. The 2 - 1.5 HP stainless steel centrifugal pumps are contaminant-free, keeping the glycol clean and safe to use on every job. Control Mother Nature even in the harshest of elements with the only fully NEMA rated electrical package included on every Quest Central Hydronic Heater.

For easy diagnostics, all CHH980 Pro gauges and indicators are clearly visible even when the unit is securely locked down. In addition to the standard temperature, pressure, fuel level, and heat transfer fluid (HTF) level gauges, the CHH980 Pro control system includes a sequence of status indicator lights which provide a quick function check and easy troubleshooting. Finally the lifting hook on the CHH980 Pro and Quest Heat Exchangers allow the ultimate in flexibility in placing equipment on the job site.



### Features:

- Powerful 980K Diesel/Propane/Natural Gas Heating Module
- Modular Design - Central to our Modular System
- 24/7/365 Technical Support
- Stainless Steel Construction



Engineered Excellence for  
Construction Professionals



Specifications subject to change without notice. 11/11



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### CHH980 Pro Diesel Specifications

<b>Part Number</b>	4033030
<b>Heat Input</b>	990,000
<b>Heat Output</b>	822,000
<b>Efficiency</b>	83%
<b>Fuel Input Rate @ Full Load</b>	7.07 GPH
<b>Electrical Requirements</b>	30 amps, 220V Single Phase
<b>Heat Transfer Fluid</b>	Propylene Glycol
<b>Operating Range</b>	-30 to 140
<b>Fluid Temp Range</b>	100-200
<b>Pump</b>	2 - 1 1/2 HP
<b>Hydronic Flow Rate</b>	80 GPM/3.78 liters per sec
<b>Hydronic Connection</b>	3 sets of 1"
<b>Dimensions</b>	98X48X70
<b>Weight</b>	2941 lbs.
<b>Heat</b>	Up to 1400000 cubic feet
<b>Thaw</b>	18000 sq ft
<b>Cure</b>	27000 sq ft
<b>Frost Prevention</b>	18000 sq ft

### CHH980 Pro Propane/Natural Gas Specifications

<b>Part Number</b>	4033010
<b>Heat Input</b>	986,000
<b>Heat Output</b>	818,380
<b>Efficiency</b>	83%
<b>Fuel Input Rate @ Full Load</b>	N/A
<b>Electrical Requirements</b>	30 amps, 220V Single Phase
<b>Heat Transfer Fluid</b>	Propylene Glycol
<b>Operating Range</b>	-30 to 140
<b>Fluid Temp Range</b>	100-200
<b>Pump</b>	2 - 1 1/2 HP
<b>Hydronic Flow Rate</b>	80 GPM/3.78 liters per sec
<b>Hydronic Connection</b>	3 sets of 1"
<b>Dimensions</b>	98X48X70
<b>Weight</b>	2941 lbs.
<b>Heat</b>	Up to 1400000 cubic feet
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### Quest Accessories

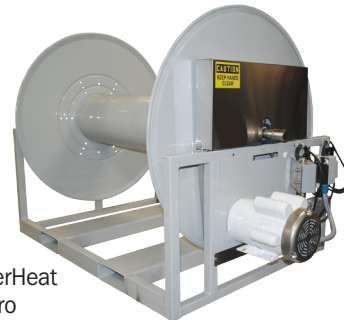
- 4029410 Quest HFC 80
- 4029425 Quest HFC 200
- 4030599 Quest HHR 3000 W/3000 ft. of Hose



Quest PowerHeat HFC 80 Pro Hydronic Fan Coil



Quest PowerHeat HFC 200 Pro Hydronic Fan Coil



Quest HHR 3000 Hydronic Hose Reel (HOSE NOT PICTURED)



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