

## CH180-36 Chiller Heater Master System

### Description:

The CH180-36 is a chiller heater plant that is used as a master hot and cold water plant for the supply to multiple regen units in a saturation diving system. The CH180-36 comprises a hot water circuit and a cold water circuit. The cold water circuit includes a 180kBTU water cooled chiller, volume tank, supply water pump and controls. The hot water circuit includes a 36kW electrical emersion heater, volume tank and water supply pump and controls. A typical installation will include two CH180-36 chiller heater plants acting as main and standby each installed with a chiller heater control rack in sat control.

### Specification:

Length: 1720mm  
 Width: 1174mm  
 Height: 1800mm  
 Main Electrical Supply:  
 380VAC, 3-Phase, 50Hz, or  
 440VAC, 3-Phase, 60Hz  
 Heating System: 36kW  
 Cooling System: 52.5kW, 180  
 000 BTU  
 Interface: 2 x 1½" 4 bolt ANSI  
 150 flange  
 Supply Water Flow Rate: 180lpm  
 Seawater Cooling Water Flow  
 Rate: 220lpm



### Order Detail:

CH180-36 Chiller Heater Plant	D-EC-123
Chiller Heater Control Rack, 19" Rack Mount	D-EC-124
Spares for CH180-36	D-EC-123-01

Can be supplied as ABS or DNV Certified. Please specify on order placement  
 See section for Hyperbaric Products for Internal Conditioning Units