



tricoolthermal

HEATING & COOLING

P140

Pressurised Water
up to 140°C



6642

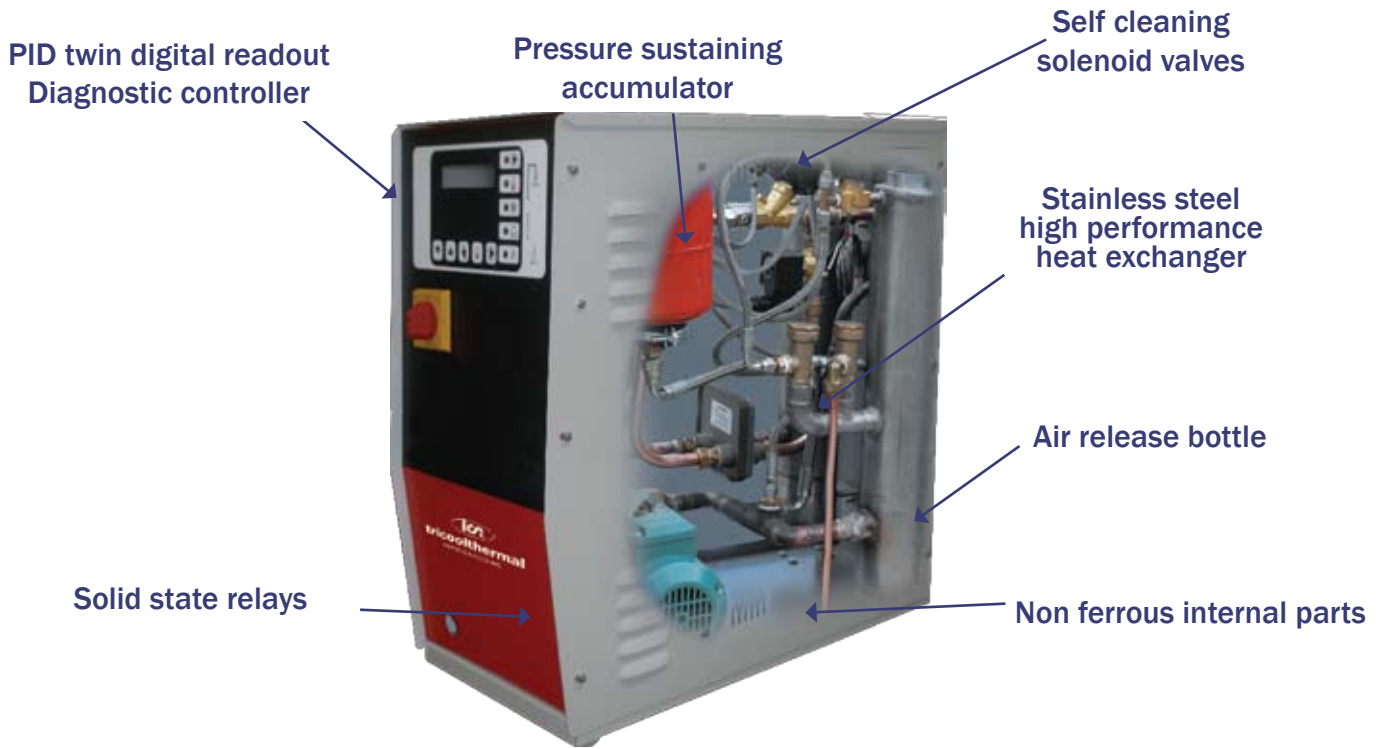
ABOUT THE UNIT

Tricool Thermal's P140 unit is available from 9kW - 96kW heating water up to 140°C, with an extended P160 unit option up to 160°C.

The unit features an air bottle, stainless steel heat exchanger, pressure sustaining accumulator, non ferrous internal parts, low tank volume and solid state relays. The unit also features an autosutdown system to prevent any leaks.

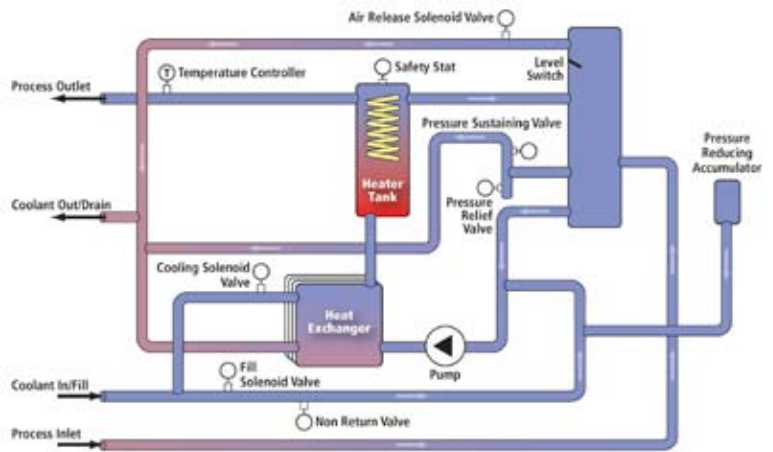
FEATURES

- **LOW VOLUME TANK**
Low volume individual tubular heater tanks, which reduce the liquid volume in circulation, resulting in a reduced power input required for heating
- **DIAGNOSTIC CONTROLLER**
Helps maintenance by showing knowledge of any faults that occur
- **NON FERROUS INTERNAL PARTS**
Keeps system clean, no rust from internal materials of unit
- **CASTORS**
Enables easy manoeuvrability
- **STAINLESS STEEL HEAT EXCHANGER**
More efficient with large gaps between plates which reduces the risk of blocking due to contamination
- **DIRECT ACTING SELF CLEANING SOLENOID VALVES**
Low maintenance due to minimal cleaning required (no diaphragm)
- **AUTO SHUTDOWN SYSTEM**
If a pipe breaks the machine will stop and lock the supply water system down to prevent any leaks
- **PRESSURE SUSTAINING ACCUMULATOR**
Reduces the use of pressure relief valves
- **SOLID STATE RELAY**
Energy savings due to pulsing every 0.3 seconds (contactors generally every 16 seconds) Increased accuracy
No wear and tear due to no moving parts
- **AIR RELEASE BOTTLE**
Protects the heating elements and pump where large amounts of air could be present in the process



OPTIONS

- Direct cool
- Switchable remote and local sensing
- IP55 rated electrical specification
- Stainless steel panels
- Controller available with a number of language chips
- Various flow/pressure options
- Increased cooling
- Bespoke machines built to order
- Data logging instrumentation



UNIT SPECIFICATIONS

Model	Heating kW	Standard kW Cooling 120°C TD	Max Flow/ Pressure LPM/bar	Connections Process	Connections Cooling	FLA Amps	Dimensions mm
P140 - 9	9	30	40/3.8	1/2"	1/2"	18	630 L x 300 W x 670 H
P140 - 12	12	30	40/3.8	1/2"	1/2"	22	630 L x 300 W x 670 H
P140 - 18	18	70	70/4.0	1"	3/4"	32	750 L x 360 W x 920 H
P140 - 24	24	70	70/4.0	1"	3/4"	40	750 L x 360 W x 920 H
P140 - 36	36	70	130/3.0	1 1/4"	1"	55	1000 L x 500 W x 1180 H
P140 - 48	48	100	130/3.0	1 1/4"	1"	76	1000 L x 500 W x 1180 H
P140 - 54	54	100	130/4.0	1 1/2"	1"	89	1400 L x 600 W x 1300 H
P140 - 72	72	100	130/4.0	1 1/2"	1"	106	1400 L x 600 W x 1300 H
P140 - 96	96	100	220/3.2	1 1/2"	1"	155	1400 L x 600 W x 1300 H
Colour	Grey RAL7035		Red RAL3020				

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