



tricoolthermal

MANUFACTURING TECHNOLOGY

Sheik

Oil up to 350°C
9kw to 96kw



6642

ABOUT THE UNIT

Tricool Thermal's Sheik Unit operates from 9 - 96 kW. Heating oil up to 350°C. These units feature a stainless steel heat exchanger, magnetic drive pump, on units over 200°C, non ferrous internal parts and self cleaning solenoid valves.

In addition these units feature solid state relays, which are energy due to pulsing every 0.3 seconds providing increased accuracy and no wear and tear as they feature no moving parts.

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)

- **MAGNETIC DRIVE PUMP ON UNITS OVER 200°C**

Seal-less so no possible leakage point.

- **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

PID twin digital readout
Diagnostic controller

Non ferrous parts

Self cleaning
solenoid valves

High performance stainless
steel heat exchanger

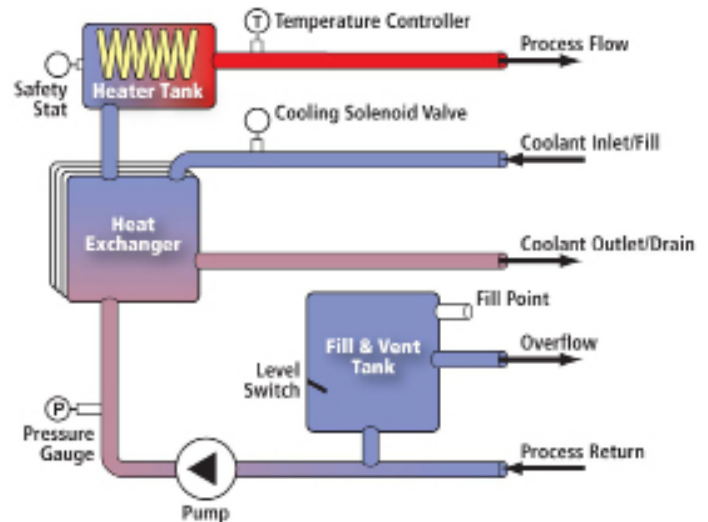
Magnetic drive pump
for oil over 200°C

Solid state relays



OPTIONS

- Switchable Remote and Local Sensing
- Process Machines Protocol Interface
- 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



UNIT SPECIFICATIONS

Model	Heating kW	Standard kW	Max Flow/Pressure LPM/bar	Connections Process	Connections Cooling	FLA Amps
S9-300/350	9	100	70/6	1/2"	3/4"	20
S12-300/350	12	100	70/6	1"	1"	24
S18-300/350	18	100	70/6	1 1/4"	1"	37
S24-300/350	24	100	100/6.5	1 1/4"	1"	48
S36-300/350	36	100	100/6.5	1 1/2"	1"	65
S48-300/350	48	100	200/7.0	1 1/2"	1"	84
S54-300/350	54	100	200/7.0	2"	1"	95
S72-300/350	72	100	600/3.4	2"	1"	120
S96-300/350	96	100	600/3.5	2"	1"	155

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