

SPALTEMP

COMPACT HOT OIL CIRCULATING TEMPERATURE CONTROL SYSTEMS

Spaltemp Compact Hot Oil Units' versatility makes it the right choice for a wide range of heating applications including; barrel/screw cooling for rigid PVC, heating platens, two-roll mills, laminating rolls, injection moulds, double wall tanks and anywhere that processing temperatures up to 400F (204C) are required.

FEATURES

Full PID auto-tune controller with setpoint and process temperature readouts

Available pump sizes from 3/4 hp through 1.5 hp

Heater sizes from 4.5 kw through 16 kw.

Automatic cooling via tube and shell heat exchanger

Superior electrical control package with primary and secondary fusing and grounded control circuit
NEMA rated heater contactor and IEC motor starter. With diagnostic fault indicators

High temperature safety thermostat. Low oil pressure safety switch and full-flo bypass relief valve and outboard mounted oil strainer

Heavy duty, horizontally mounted direct drive rotary gear pump with high temperature teflon lip seals. Pump reversing feature is standard on all units.

All controls, flow valves, sight glass and fill / vent ports are accessible from the front of the unit - away from high temperature piping.



SPALTECH INTERNATIONAL

WE'VE PUT THE QUALITY BACK IN TEMPERATURE CONTROL SYSTEMS

SPALTEMP

MOTOR HP	PUMP CAPACITY	HEATER SIZE	HEAT EXCHANGER SIZE (STANDARD)	MODEL NUMBER
3/4 hp	7gpm @ 50psi	6 kw	1.5 SQ.FT.	HC-5306
1 hp	14gpm @ 50psi	6 kw	1.5 SQ.FT.	HC-5406
1.5 hp	16gpm @ 100psi	6 kw	1.5 SQ.FT.	HC-5506

Process Delivery - Return Piping - 1" NPT

Water Supply Piping - 1" NPT

Water Drain Piping - 1" NPT

Tube and Shell Heat Exchanger-1.5 sq. ft.

Available with Foot Mounts or Casters

Standard Colour Spaltemp Orange / Beige

Dimensions: 18" W x 34" L x 24" H

(add 4" H for casters)

AVAILABLE HEATER SIZES

4500 watts
6000 watts (std.)
8000 watts
12000 watts
16000 watts

AVAILABLE VOLTAGES (3 PHASE)

208V / 60 Hz
230V / 60 Hz
380V / 50 Hz
460V / 60 Hz
575V / 60 Hz

OPTIONS

Remote Control
Remote Sensing
Air Cooled Heat Exchangers
Audible Alarms
Communications
Manual Bypass Piping
Seven Day Clock
Hour Meter



Standard Control Panel

SPALTECH INTERNATIONAL

a division of Sproule Plastics Equipment Inc.

7220 West Credit Avenue, Mississauga, Ontario Canada L5N 5N1

Telephone: (905) 542-7444 Fax: (905) 542-7445