

TEMPERATURE CONTROLLERS

ECOTHERM 6/9: Water mould temperature controller designed to maintain the process temperature with circulated water that has been heated or cooled to the required set-point.

With the ever increasing use of engineering type polymers, precision temperature control is a prerequisite for successful moulding. The Ecotherm's microprocessor control provides set point control within accuracy of 0.5°C

STANDARD FEATURES

- Heating power select function (6 or 9kw)
- Reversible pump for leak stopper operation and easy mould emptying
- Audible / visual alarms
- Set point control within accuracy of 0.5°C

TECHNICAL SPECIFICATIONS

- Max temp: 90°C
- Heating capacity: 6-9kw
- Cooling capacity: 20kw



PL MACHINERY SERVICES & SALES LTD
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TECHNICAL FEATURES		
ECOTHERM 6-9 KW		
HEATING SECTION		
Heating Capacity	kW	6 9
Fluid	-	Water
Temperature Range	°C	20-90
COOLING SECTION		
Cooling Capacity	kW Kcal/h	20 16 666
Cooling Type	-	Indirect
HYDRAULIC SECTION		
Pump nominal capacity	kW	0,45
Min/Max Flow Rate	L / min	8-50
Max/Min Pressure	bar	0.78 - 4.3
Storage tank capacity	L	18
Connections to process	Ø	IN-OUT G ½"
Connections to cooling	Ø	G ½"
Overflow	Ø	G ½"
Discharge	Ø	G ¼ "
ELECTRICONIC SECTION		
Temperature accuracy	°C	0.5
Voltage Tension alimentation	V/Ph/Hz	380-415 V / 3 / 50-60 Hz
Total installed power	kW	6.55-9.55
STRUCTURE		
Dimensions (hydraulic connections excluded)	L x B x H (mm)	630x280x580
Weight	Kg	52
Noise level	dBa	72

All equipment will be provided with CE conformity declaration in accordance to Regulations 89/392 EEC and all consequent amendments.

UTILITIES

ELECTRICAL SUPPLY:

Supply voltage: 400V±10%/3F+N/50-60Hz

Auxiliaries: 24dc – 24ac

COMPRESSED AIR: Dry min 5 bar min – max 8 bar

COOLING WATER:

Max temperature: 30°C

Max pressure: 8 bar

Minimum pressure: 2 bar



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