EN

Thermovan

Mould temperature controllers

TW – TO – TP series

Benefits:

- High and constant productivity
- Optimisation of the running costs
- Immediate and optimal usage of the unit
- Constant process control
- Continuous operation and long life
- No maintenance cost for the heaters' control
- Short production stops

The TW, TO and TP series of Piovan mould temperature controllers has been designed to maintain at a constant temperature the mould cavities, the hydraulic oil of the injection moulding machines, the extruder screws, the calibration heads, the cylinders and calenders of thermoforming lines. Water, oil and pressurised water models operate in a wide range of temperatures, from 20°C up to 250°C.

PIOVAN

Customers. The core of our innovation

TECHNICAL DATA		TO6	TW9	TW12	TP6	TP12	TP6 160°C	TP12 160°C	TP6ID
Max. temperature	°C	160	90		140		160		90
Operating fluid		oil	water		pressurised water				water
Heating power	kW	6	9	12	6	12	6	12	6
Cooling type		indirect							direct
Pump power	kW	0.75					0.5		0.75
Max. pump flow rate	l/min	60			40		30		40
Max. pump pressure	m	40			60		50		60
Connections - process		1/2"F							
Connections - cooling		1/2"F							
Dimensions (LxWxH)	mm	250x686x678							
Weight	kg	55			60				

Version: 230-400/3/50; 220-380-460/3/60 -
The pump reverse mode is not available for the TP6ID unit.

TECHNICAL DATA		TW112	TW128	TW124	TP112	TP118	TP124	TO112	TO118	TO124	TO112 250°C	TO118 250°C	TO124 250°C
Max. temperature	°C	90			140/90*			160			250		
Operating fluid		water			press. water			oil					
Heating power	kW	12	18	24	12	18	24	12	18	24	12	18	24
PUMP C	kW	0.75			0.75			0.75					
Max. flow rate	l/min	40			40			40					
Max. pressure	m	60			60			60					
Pump E	kW	1.5			1.5			1.5					
Max. flow rate	l/min	60			60			60					
Max. pressure		65			65			65					
Pump L4	kW	1.5			1.5			1.5					
Max. flow rate	l/min	90			90			90					
Max. pressure	m	60			60			60					
Pump F	kW	1.5			1.5			1.5					
Max. flow rate	l/min	180			180			160					
Max. pressure	m	35			35			30					
Pump E1	kW										1		
Max. flow rarte	l/min										60		
Max. pressure	m										60		
Pump F	kW										2.8		
Max. flow rate	l/min										150		
Max. pressure	m										50		
Connections - process		1°F											
Connections - cooling		1/2"F											
Dimensions (LxWxH)		400x867x1000											
Weight	kg	120											

Version: 230-400/3/50; 220-380-460/3/60 -
The pump reverse mode is not available for the F pump.
* Temperature for ID (Direct Injection) models

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Disclaimer: data in this document may be out of date. Please consult technical data sheet - COD 991H092