

Qualiterme

LINE TR THERMOREGULATORS

Genuine outcomes, intelligent savings!

Qualiterme provides cutting-edge solutions in industrial refrigeration, integrating advanced technology, energy efficiency, and sustainability.



The TR Line equipment represents the optimal solution for heating plastic injection molds, guaranteeing a consistent and efficient temperature. Utilizing water or oil as a heat exchange medium, our thermoregulators are contemporary, compact, and cost-effective, integrating the latest advancements in heat transfer technology. Ideal for industrial applications requiring swift mold heating, they reduce raw material waste at the onset of each process, thereby enhancing productivity and the quality of your output.



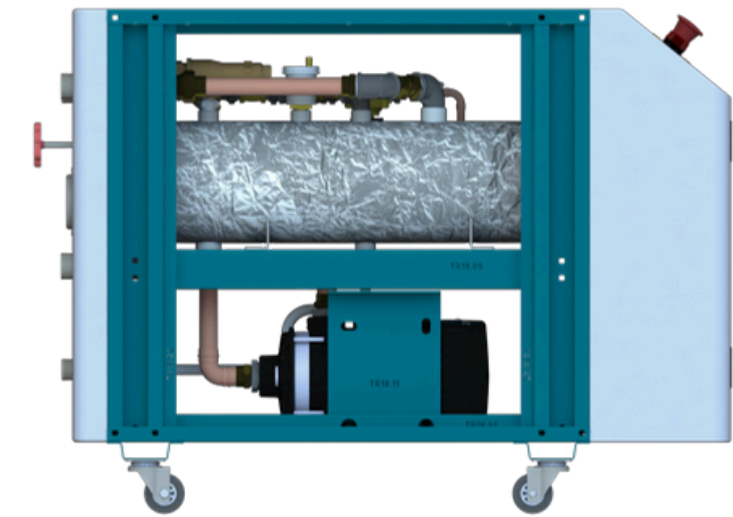
EXPLORE OUR WEBSITE.

Qualiterme equipment is designed to efficiently, reliably, and effectively meet the demands of diverse industrial sectors.

www.qualiterme.com.br

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PRIMARY STANDARD EQUIPMENT CHARACTERISTICS:



Main applications: Qualiterme temperature regulators are contemporary, compact, cost-effective, and designed utilizing the most advanced heat transfer techniques. They are intended for temperature regulation in diverse industrial processes, including injection molds and rubber rollers. Featuring internal copper tubing and a circulation water pump, they also incorporate a bypass at the hot water inlet and outlet for pressure adjustment, thereby ensuring optimized performance.



Controller: The software of our temperature regulators provides an extensive range of temperature adjustments within the parameters established by the manufacturer, spanning from +30°C to +90°C. Notable features include the heating and cooling ramps, which facilitate precise control as the desired set-point is approached. This programmable on/off cycle of the heating elements ensures more efficient and safe operation.



Electric Resistances: The electric resistances utilized for heating are engaged through a solid-state system linked to the control panel. This system monitors the inlet and outlet temperatures of the reservoir, guaranteeing accurate and efficient regulation of the heating process.

Our temperature regulators are perfectly suited for a diverse range of applications, including temperature management in injection molds, industrial processes that demand rapid and precise heating, operations involving rubber rollers, and other systems requiring effective thermal control. Utilizing advanced technology, our temperature regulators ensure accuracy and efficiency in all your operations.

TECHNICAL SPECIFICATIONS

BASIC TR LINE

Model	Power (kW)	Resistance (Watts)	Three-phase			Single-phase (Optional)	Dimensions			Connections	
			220V	380V	440V	220V	Width (mm)	Length (mm)	Height (mm)	Processes	Cooling
TR03-A	3	1x3000	✓	✓	✓	✓	300	850	650	¾"	½"
TR06-A	6	1x6000	✓	✓	✓	✓	300	850	650	¾"	½"
TR09-A	9	1x9000	✓	✓	✓	✓	300	850	650	¾"	½"
TR12-A	12	1x12000	✓	✓	✓	✓	300	850	650	¾"	½"
TR15-A	15	1x15000	✓	✓	✓	✓	300	850	650	¾"	½"
TR18-A	18	1x18000	✓	✓	✓	✓	300	850	650	¾"	½"

DOUBLE TR LINE

Model	Power (kW)	Resistance (Watts)	Three-phase			Single-phase (Optional)	Dimensions			Connections	
			220V	380V	440V	220V	Width (mm)	Length (mm)	Height (mm)	Processes	Cooling
TR24-A	24	2x12000	✓	✓	✓	✓	460	920	840	1"	¾"
TR30-A	30	2x15000	✓	✓	✓	✓	460	920	840	1"	¾"
TR36-A	36	2x18000	✓	✓	✓	✓	460	920	840	1"	¾"

TRIPLE TR LINE

Model	Power (kW)	Resistance (Watts)	Three-phase			Single-phase (Optional)	Dimensions			Connections	
			220V	380V	440V	220V	Width (mm)	Length (mm)	Height (mm)	Processes	Cooling
TR36-A	36	3x12000	✓	✓	✓	✓	460	920	840	1"	¾"
TR45-A	45	3x15000	✓	✓	✓	✓	460	920	840	1"	¾"
TR54-A	54	3x18000	✓	✓	✓	✓	460	920	840	1"	¾"

NOTE: FOR EQUIPMENT THAT EXCEEDS THESE CAPACITIES, PLEASE CONSULT THE ENGINEERING DEPARTMENT. QUALITERME RETAINS THE RIGHT TO ALTER EQUIPMENT SPECIFICATIONS WITHOUT PRIOR NOTICE.



We introduce innovation in industrial cooling systems to the global market!



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