

P140L

Pressurised-water temperature control unit up to 284 °F

- Control system RT200
- Pump with high pumping capacity: 37 GPM
- Low-scaling cooling system "SK"
- Pressure control
- Leak-free pump with magnetic coupling
- Solid-state relay instead of heating contactor



Technical specifications

Heat transfer medium	Outlet temperature	Heating capacity at 400V	Cooling capacity		Pump capacity/Type		
Water	284 °F	17 / 34 / 51 kW	266 °F	85 kW	CRI5	37 GPM	1.1 kW
			266 °F	95 kW			

Technical data

Outlet temperature			
max.	°F	284	
Heat transfer medium		Water	
Filling quantity	Gal	3.2	
Expansion volume	Gal	0	
Heating capacity at 400V	kW	17 / 34 / 51	
Cooling capacity	kW	85	95
Cooler		SK	2SK
at outlet temperature	°F	266	266
at cooling water temperature	°F	68	
Pump capacity/Type		CRI5	
Flow rate max.	GPM	37	
Power consumption	kW	1.1	
Pressure max.	psi	78.3	
Control system		RT100 / RT200	
Measuring mode (standard)		Pt100	
Operating voltage	V/Hz	380-415 V, 50 Hz	440-480 V, 60 Hz
Connections			
Outlet/Inlet		G1"/60°/Cone	
Cooling water mains		G1/2"	
Degree of protection		IP54	
Dimensions W/H/D	in	13.78/38.07/53.78	
Weight	lb	374.85	
Color	RAL	9006/7016	
Ambient temperature			
max.	°F	104	
Noise level	db (A)	< 70	

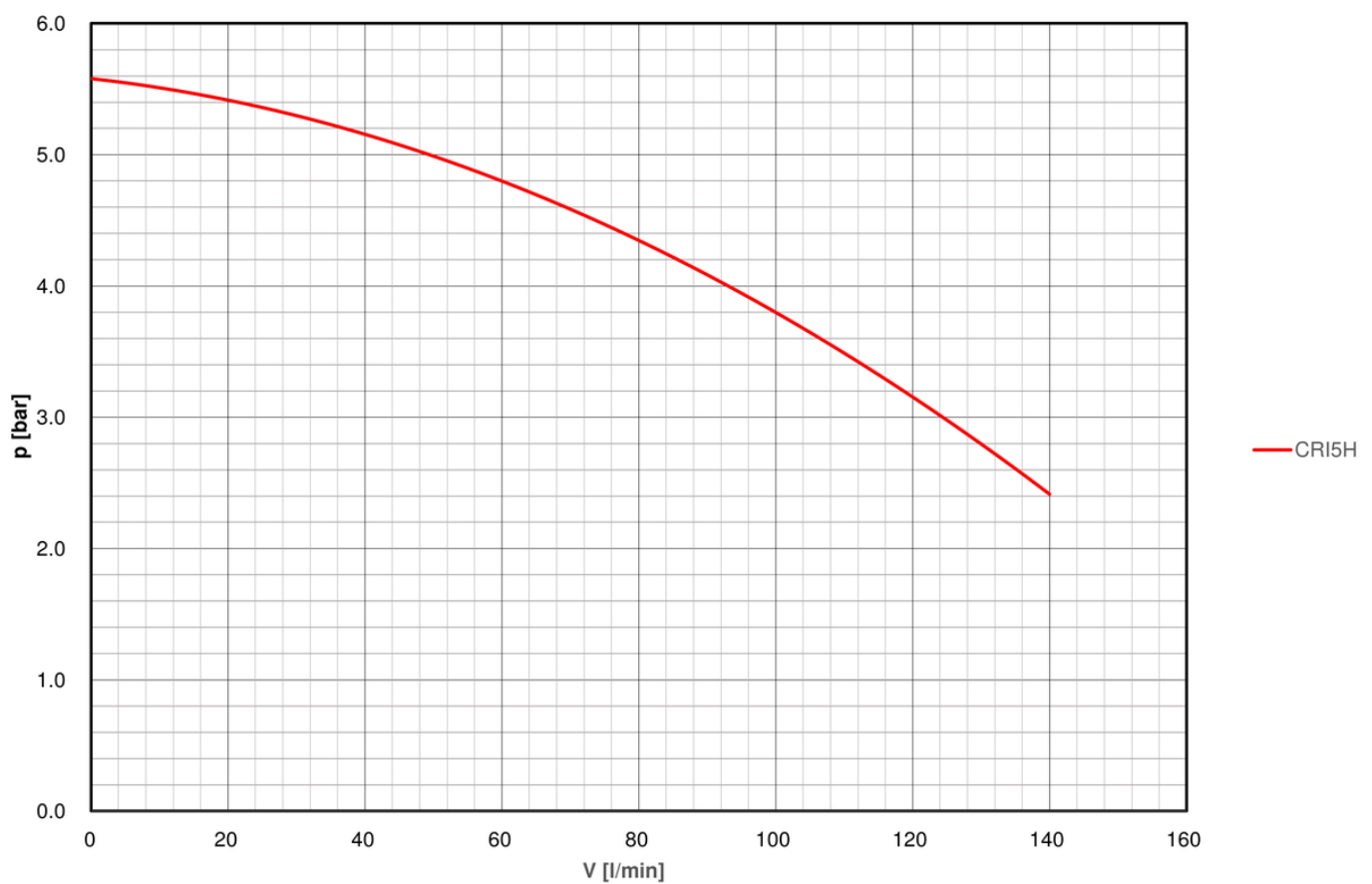
Standard equipment

- Solid-state relay (SSR) instead of heating contactor
- Filter in the main circuit
- Patented low-scale cooling system (SK)
- Unit in IP54 protection degree
- Water circuit of non-rusting materials
- Automatic water refill
- Filter in cooling water circuit
- Pressure gauge for system pressure
- RT200 control system

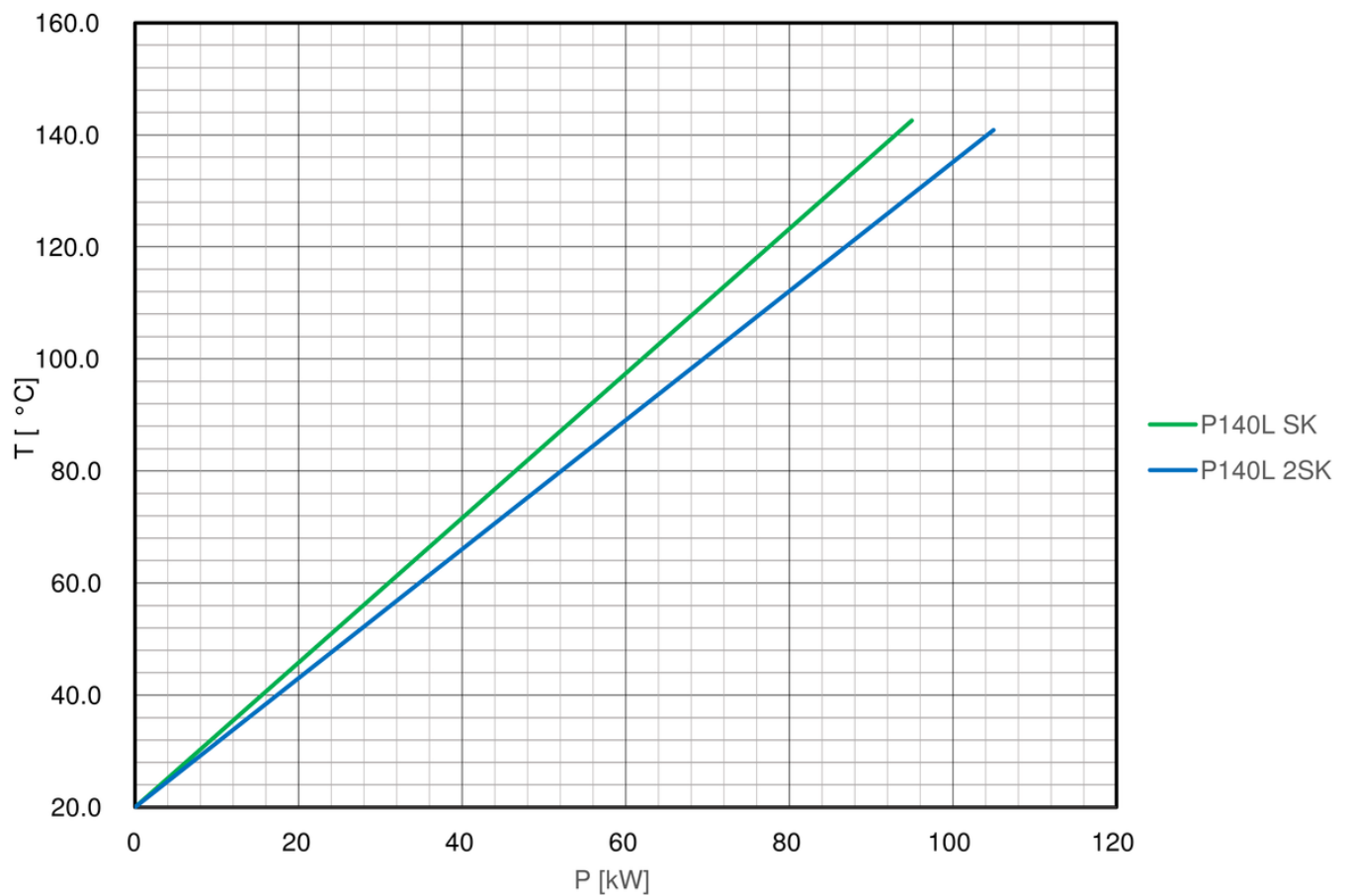
Options

- Electronic flow measurement
- Hand valve in inlet and outlet
- RT100 control system

Pump curve



Cooling curve



Representation United States

Injection Molding, Die Casting, other Applications

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