

Hydra Pressurized Circulator Quote Form

Motor Size	GPM	PSI	 Required - select one	Heating Elements	 REQUIRED - select one	Heater Options	 OPTIONAL - select one
<input type="checkbox"/> 3/4 hp	40	26		<input type="checkbox"/> 0 kW		N/A	
<input type="checkbox"/> 1 hp	50	28		<input type="checkbox"/> 9 kW		<input type="checkbox"/> Solid State relay heater contactor (9kW)	
<input type="checkbox"/> 2 hp	75	30		<input type="checkbox"/> 12 kW		<input type="checkbox"/> Solid State relay heater contactor (12kW)	
<input type="checkbox"/> 3 hp	85	32		<input type="checkbox"/> 18 kW		<input type="checkbox"/> Solid State relay heater contactor (18kW)	
<input type="checkbox"/> 5 hp	100	46		<input type="checkbox"/> 24 kW		<input type="checkbox"/> Solid State relay heater contactor (24kW)	
<input type="checkbox"/> 7-1/2 hp	125	54		<input type="checkbox"/> 36 kW		<input type="checkbox"/> Solid State relay heater contactor (36kW)	
<input type="checkbox"/> 10 hp	140	68		<input type="checkbox"/> 48 kW		<input type="checkbox"/> Solid State relay heater contactor (48kW)**	

**460 and 575 Volt Only

Power Options | Required - select one

208/3/60 - N/A for 48 kW

230/3/60

460/3/60

575/3/60 (Only includes 575V components, CL-UL508A option not included, must select)

Electrical Options | OPTIONAL - select all that apply

Rotary Non-Fused Disconnect

UL Branch Circuit Fusing Disconnect

C-UL508A Industrial CP Construction

Controls and Control Options | Required - select one

Standard Controller (Standard)

PC (Premium Controller)

PC w/ Remote Hand-Held Control Panel (Provides local pc w/HMI on the unit as well as in a remote enclosure with 50-foot cable)

PC w/4-20mA Supply Output*

PC w/ RS-485 port for Modbus RTU* (allows interface w/your machine)

PC w/ RS-485 port for SPI*
*not available with remote Hand-Held CP

Premium Controller Options | Optional - select all that apply

Crash cool - quick circulator cool down (CC sequence disables heater and opens cooling valve for 1 minute)

Remote heat/cool contact - remote heat/cool contact on/off

Premium Controller Mold Purge | OPTIONAL - select one
(Allows compressed air to purge circuit of water)

Mold water purge non-ferrous
(Select if choosing non-ferrous option in right column)

Mold water purge ferrous

Other Control Options | OPTIONAL - select all that apply

Remote Alarm Dry Contact

Remote temp sensor, local high temp safety
(Shipped loose with unit, adds a local high temp switch)

Alarm Strobe light (red)

Power Cord, 10' (ships loose)

Mechanical Options

Cv† | Required - select one

1/4" Solenoid Valve (Standard) 0.72

3/8" Solenoid Valve 3.00

1/2" Solenoid Valve 4.00

3/4" Solenoid Valve 5.50

1" Solenoid Valve 11.50

1/2" Modulating Valve† 4.70

1/2" Modulating Valve† 10.00

3/4" Modulating Valve† 24.00

1" Modulating Valve† 30.00

‡Cv (flow coefficient) is the flow of water through a valve at 60° F in US gallons/minute at a pressure drop of 1 PSI

†Modulating valves are used in variable-flow systems in which flow must be adjusted to slow, moderate, or full stream

Max Temp | OPTIONAL

300° F Max Set-point Operation
(Only available with 1/4" high-temp solenoid valve [Cv=0.24] requires a minimum of 75 psi coolingwater supply)

Stainless/Non-Ferrous Options | OPTIONAL - select one

Stainless/Non-Ferrous Option for 0 to 36kW, 3/4 to 3 hp

Stainless/Non-Ferrous Option for 0 to 36kW, 5 to 10 hp

Stainless/Non-Ferrous Option for 46kW, 3/4 to 3 hp

Stainless/Non-Ferrous Option for 46kW, 5 to 10 hp

Other | OPTIONAL - select all that apply

Special Color - requires Pantone Number

Stacking Rack (stainless steel) for stacking two units vertically

Add-on Heat Exchangers | OPTIONAL

Request Heat Exchanger Sizing

If molding at high temperatures where the return fluid temperature is higher than the process/leaving fluid temperature, your circulator may require a heat exchanger to cool the return water to an acceptable temperature.

Select this option to request more information.

Date: _____ Quantity: _____ Phone: (_____) _____ Fax: (_____) _____

Name: _____ Title: _____

Company Name: _____ Email: _____

Address: _____

City: _____ State: _____ Zip: _____