

Factory Installed Chiller Options

Description	Benchtop Chillers	6000 Series Chillers	Non-Refrigerated Coolers
Heater		O	
RS232 Communication	O	O	O
RS485 Communication		O	O
Remote On/Off (24 VDC)		O	O
Remote On/Off (Dry Contact)		O	O
External Temperature Tracking		O	O
Deionized Water Compatible		O	
Stainless Steel Reservoir		O	
No Reservoir		O	
External Water Filter	O	O	O
Reservoir Level Switch/Alarm		O	

	Air-Cooled				Water-Cooled	
FACTORY INSTALLED OPTIONS: DURACHILL™ CHILLERS	1.5 HP 6800 Series	2 HP/3 HP DCA200/300	5 HP/7.5 HP DA500/750	10 HP DA1000	1.5 HP 6900 Series	3 HP DCW300
RS232 Communications Port	O	S	S	S	O	S
RS485 Communications Port	O	O	O	O	O	O
Remote On/Off (24 VDC)	O	O	O	O	O	O
Remote On/Off (Dry Contact)	O	S	S	S	O	S
Alarm Output (Dry Contact)	O	S	S	S	O	S
High or Low Ambient Tracking Package	O				O	
Deionized Water Compatibility Package	O	O	O	O	O	O
Process Fluid Shut-Off Valves		O	O	O		O
Low Fluid Level Shut-Off Switch	O	O	O	O	O	O
No Reservoir	O	O	O	O	O	O
Stainless Steel Reservoir	O	O	O	O	O	O
Process Heater	O	O	O	O	O	O
PUMPS						
0.75 HP Stainless Steel or Bronze Turbine	O	O			O	O
1.0 HP Stainless Steel Turbine	O				O	
1.5 HP Bronze Turbine		O	O			O
2.0 HP Bronze Turbine		O	O			O
3.0 HP Bronze Turbine		O	O	O		O
5.0 HP Bronze Turbine				O		
2.33 gpm Brass Positive Displacement	O				O	
3.5 gpm Brass Positive Displacement	S				S	
0.10 gpm GF Polypropylene Magnetic Drive Centrifugal	O				O	
0.75 HP Stainless Steel Centrifugal		S				S
1.0 HP Stainless Steel Centrifugal		O	S			O
2.0 HP Stainless Steel Centrifugal		O	O	S		O
3.0 HP Stainless Steel Centrifugal		O	O	O		O
No Pump	O	O	O	O	O	O

S = Standard

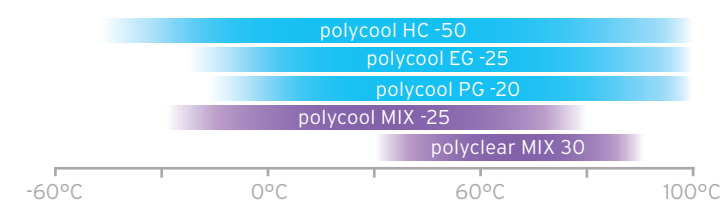
O = Available As Option

Additional options may be available.

These options should be ordered with your chiller. Most cannot be field-installed.
See page 127 for DuraChill™ Factory Installed Option descriptions.

Chiller Fluids

Fluid Type	Name	Description	Temperature Range	Benchtop Chillers	6000 Series Chiller	DuraChill™ Chillers	Non-Refrigerated Coolers	Quantity	Part Number
Cleaners	polyclean ALGAECIDE	Prevents growth of algae, keeps reservoir clean and odor-free. Concentrated: 8 oz (237 ml) treats approximately 200 gallons (757 liters)	n/a	•	•	•	•	8 oz (237 ml)	004-300040
								case = 12 x 8 oz (237 ml)	004-300041
Low Temperature Fluids	polycool HC -50	Excellent low-temperature performance without toxicity or risk to environment, equipment, or personnel. Provides low-temp properties of synthetic organic and silicone fluids with thermal properties of water-based glycols.	-50° to 100°C (-58° to 148°F)	•	•	•	•	1 gallon (3.8 L)	060330
	polycool EG -25	A common chiller antifreeze fluid. Lowers the freezing point of water to allow circulation at below freezing temperatures. Recommend mixing with distilled water for broadest temperature range.	-25° to 100°C (-13° to 212°F) when mixed 50%/50% with distilled water	•	•	•	•	1 gallon (3.8 L)	060340
	polycool PG -20	Propylene glycol is a safer alternative to ethylene glycol. Lowers freezing point of water to allow circulation at below freezing temperatures. Mix with distilled water for broadest temperature range.	-20° to 100°C (-4° to 212°F) when mixed 50%/50% with distilled water	•	•	•	•	1 gallon (3.8 L)	060320
Fluid Mixes	polycool MIX -25	Optimizes performance in refrigerated products; protects against freezing and algae growth.	-25° to 100°C (-13° to 212°F)	•	•	•	•	case = 5 x 1/2 gallon (1.9 L)	004-300060
	polyclear MIX 30	General purpose fluid for routine applications above 15°C; prevents algae growth.	15° to 90°C (59° to 194°F)		•		•	case = 5 x 1/2 gallon (1.9 L)	004-300062



Chiller Accessories

Description	L-Series Chillers	M-Series Chillers	6000 Series Chillers	DuraChill™ Chillers	Model 4100 Liquid-to-Liquid Coolers	Quantity	Part Number
TEMPERATURE MEASUREMENT							
Ambient Temperature Sensor			•	•	•	1 each	510-299
External PT100 Probe, 10' cable (3 m)			•	•	•	1 each	060101
External PT100 Probe, 25' cable (7.6 m)			•	•	•	1 each	060105
External PT100 Probe, 50' cable (15 m)			•	•	•	1 each	060110
FLUID FILTERS							
Filter Housing with bracket (Sediment Filters sold separately)			•	•		1 each	510-751
30 micron Sediment Filter (package of 2)			•	•		1 pack	775-848
20 micron Sediment Filter (package of 2)			•	•		1 pack	775-719
5 micron Sediment Filter (package of 2)			•	•		1 pack	775-846
50 micron Filter Kit with housing and bypass	•	•				1 each	510-520
50 micron Filter Kit with housing (no bypass)	•	•				1 each	510-519
MOBILITY							
Base with locking casters	•					1 each	505-169
BYPASS VALVE KITS							
External Pressure Reducer for chillers with Positive Displacement or Turbine pumps. Reduces chiller output to adjustable range of 10-45 psi (0.69-3.10 bar)			•			1 each	060302
External bypass for chillers with magnetic drive centrifugal pump. Connects to inlet and outlet, allowing bypass flow when application flow is stopped.			•			1 each	510-147
COMMUNICATION							
RS232 Retrofit Kit: Includes hardware, installation and operation instructions.			•			1 each	510-298



Chiller Accessories

Description	L-Series Chillers	M-Series Chillers	6000 Series Chillers	Model 4100 Liquid-to-Liquid Cooler	Model 3370 Liquid-to-Air Cooler	Quantity	Part Number
TUBING/INSULATION/CLAMPS/FITTINGS/MANIFOLDS							
Tubing. Select by temperature range. Order in continuous length, multiples of 1 m (39").							
Buna N Tubing (synthetic rubber), 1/2" (13 mm) -40 to 120°C	•	•	•	•	•	1 m (39")	060308
Viton® Tubing, 1/2" (13 mm) -32 to 200°C	•	•	•	•	•	1 m (39")	060316
Viton® Tubing, 5/8" (16 mm) -32 to 200°C			•	•	•	1 m (39")	060317
Viton® Tubing, 3/4" (19 mm) -32 to 200°C			•	•	•	1 m (39")	060318
Viton® Tubing, 3/8" (10 mm) -32 to 200°C	•	•	•	•	•	1 m (39")	060319
Insulation for all 1/2" (13 mm) tubing above, 1 m (39") lengths only	•	•	•	•		1 m (39")	060311
Tube Clamp for 1/2" (13 mm), 5/8" (16 mm), 3/4" (18 mm) OD tubing	•	•	•	•	•	1 each	400-898
FITTINGS/ADAPTERS							
Fitting, 1/2" male NPT to 3/8" (9.5 mm), hose barb, brass, straight	•	•	•	•	•	1 each	776-196
Fitting, 1/2" male NPT to 3/8" (9.5 mm), hose barb, brass, elbow	•	•	•	•	•	1 each	775-047
Fitting, 1/2" male NPT x 5/8" (16 mm) hose barb, nylon, straight	•	•	•	•	•	1 each	300-131
Fitting, 1/2" male NPT x 1/2" (13 mm) hose barb, nylon, straight	•	•	•	•	•	1 each	300-096
Fitting, 1/2" male NPT to 3/4" (19 mm), hose barb, brass, straight	•	•	•	•	•	1 each	776-197
Fitting, 1/2" male NPT to M16x13 mm (1/2"), brass, straight	•	•	•	•	•	1 each	775-048
Manifold Kit, 2 ports with shutoffs	•	•	•	•	•	1 each	510-665
Manifold Kit, 4 ports with shutoffs	•	•	•	•	•	1 each	510-664

AIR FILTERS	Quantity	Part Number
For LM and MM Benchtop	1 each	750-798
For LS Benchtop	1 each	750-758
For 6000 Series, Model 3370, IP-100, IP-80	1 each	750-855
For 1.5 HP	1 each	750-387
For 2 and 3 HP	1 each	305-033
For 5 HP	1 each	400-598
For 7.5 HP	1 each	400-599
For 10 HP	1 each	750-264

