

Compact Chiller for lab Instrument



Chillex Polar Easy /Polar101



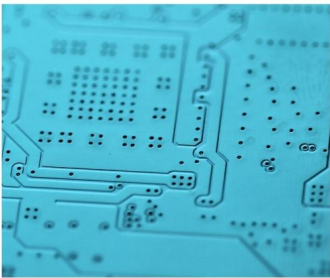
Chillex Polar 102

Applications

Laboratory Chillex Application

	
Rotary Evaporator	Glass Reactor
	
Condenser Cooling	Kjeldahl

Industrial Chillex Application

	
Laser Cutting	Semiconductor
	
Chemical	Food & Beverage

Specifications

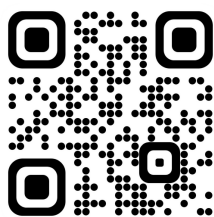
Polar Easy

Polar101

Polar 102

Heat dissipation capacity:	200 kCal/hr @ 20°C	340 kCal/hr @ 20°C	750 kCal/hr @ 20°C
Fluid medium:	Glycol + Water	Distilled Water	Distilled water
Water Flow Rate:	14 l/min (Max)	19 l/min (Max)	19 l/min (Max)
Supply Water Pressure:	0.11kg/cm2 (15 psi)	0.11kg/cm2 (15 psi)	0.11kg/cm2 (15 psi)
Supply Water Temperature:	- 5 to 20 °C (adjustable)	12 to 25 °C (adjustable)	12 to 25 °C (adjustable)
Refrigerant:	R134a / R404a	R134a	R134a
Condenser:	Forced Air cooled	Forced Air cooled	Forced Air cooled
Evaporator:	Copper Tubes in tank / Compact Plate type Heat Exchanger	Compact Plate type Heat Exchanger	Compact Plate type Heat Exchanger
Water Tank Capacity:	3 L	5 L	6 L
Tank Material:	PP / SS	PP / SS	PP / SS
Temperature Control:	Digital Setting & Readout (± 1 °C)	Digital Setting & Readout (± 1 °C)	Digital Setting & Readout (± 1 °C)
Pipe Connection:	As per requirement	6mm OD & Return on top	10mm OD
Water supply connections:	SS/ Brass Construction	SS/ Brass Construction	SS/ Brass Construction
Power supply connections:	230V / 1PH / 50Hz (As per country)	230V / 1PH / 50Hz (As per country)	230V / 1PH / 50Hz (As per country)

Customization Available



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