

ALL NEW IMTEK CRYOGENICS CHILLER SERIES

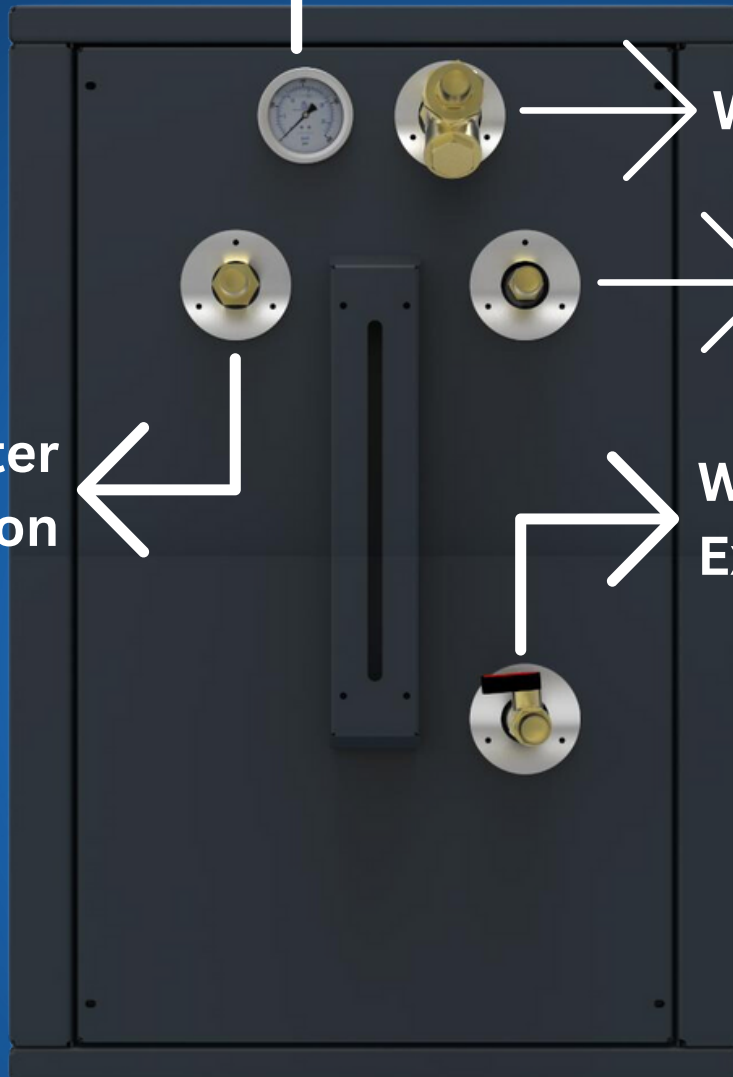
The perfect complement to your Nitrogen Generator.

"Imtek Cryogenics' new chiller series is the perfect complement to our CNP series liquefiers, providing an energy-efficient and reliable solution for a wide range of cooling needs. Our chillers are designed with state-of-the-art technology that allows for precise temperature control, ensuring consistent cooling performance. Our chillers use a closed-loop system, which reduces the risk of contamination and allows for easy maintenance. Additionally, our chiller series is available in a variety of sizes and capacities, making it a versatile solution for a wide range of industries. Whether you need to cool industrial machinery, laboratory equipment, or medical instruments, our chiller series can meet your cooling needs. Contact Imtek Cryogenics to learn more about our chiller series and how it can benefit your industry.



Water Pressure
Indicator

CNP Water
Connection



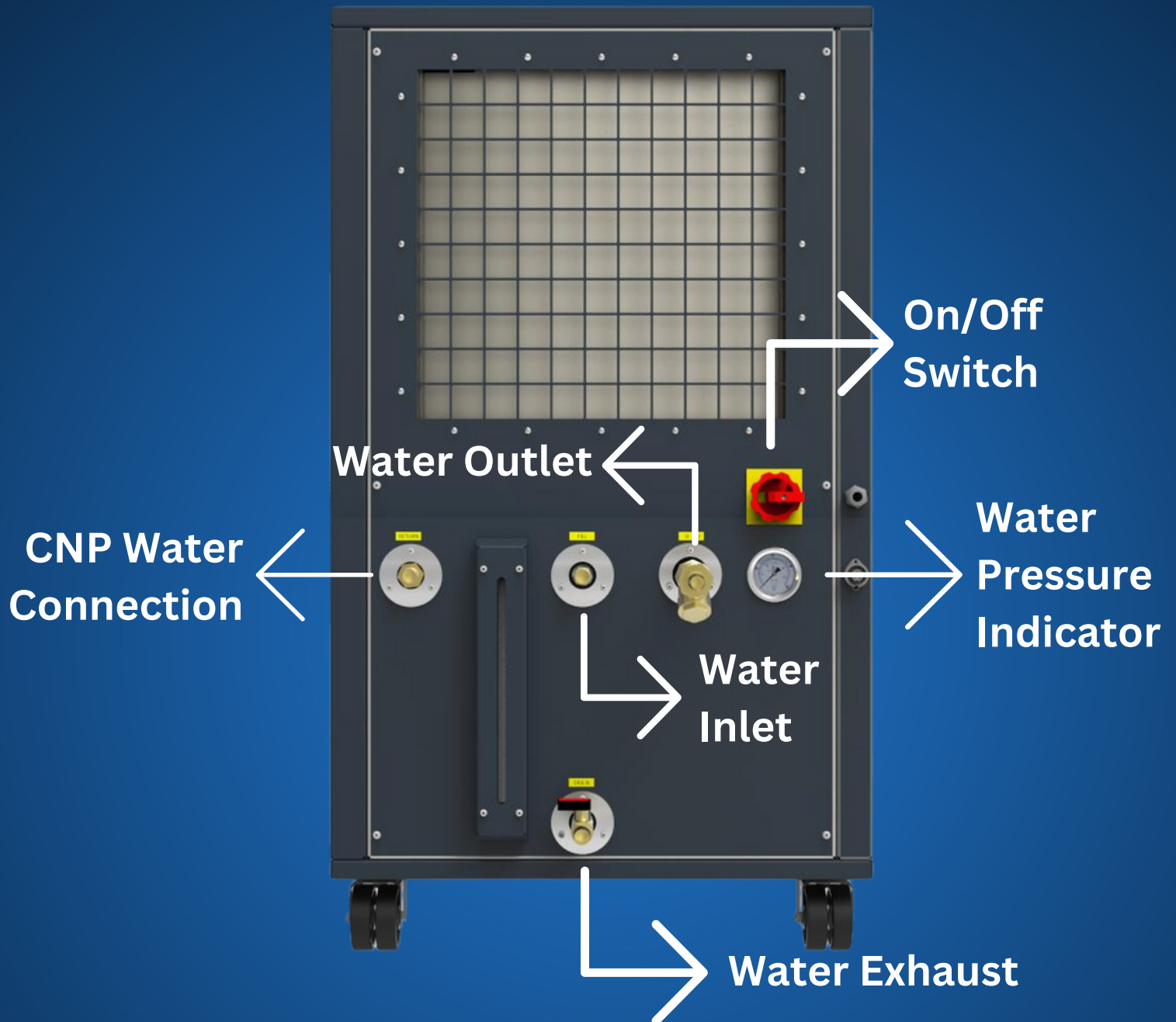
Water Outlet

Water Inlet

Water
Exhaust



CW10 Model



CW5 & CW6 Models



MODEL	CW5	CW6	CW10
Power Rating	2.9 kW	2.9 kW, 50 Hz 3.21 kW, 60 Hz	4.0 kW, 50 Hz 4.31 kW, 60 Hz
Recommended Circuit Breaker (C-Type)	15 A	15 A	20 A
Electrical Options	200-240 VAC, 50 Hz, 1 PH	380-415 VAC, 50 Hz, 3 PH 480 VAC, 60 Hz, 3 PH	380-415 VAC, 50 Hz, 3 PH 480 VAC, 60 Hz, 3 PH
Cooling Capacity	5 kW	6.2 kW, 50 Hz 7.5 kW, 60 Hz	10 kW, 50 Hz 13 kW, 60 Hz
Dimensions (L x W x H)	1000 mm x 650 mm x 1188 mm		1446 mm x 546 mm x 755 mm
Product Weight	155 kg	155 kg	173 kg
Refrigerant Type	R410A		
Refrigerant Charge	1.3 kg	1.3 kg	3.63 kg
Compressor Type	Rotary Compressor	Scroll Compressor	
Rotational Speed	2900 rpm, 50 Hz	2900 rpm, 50 Hz	2900 rpm, 50 Hz 3500 rpm, 60 Hz
Swept Volume	21.54 cm ³	33.77 cm ³	42.61 cm ³
Oil Charge	1.02 L	1.06 L	1.57 L
Displacement	3.23 m ³ /h	5.47 m ³ /h	7.41 m ³ /h
COP	2.90 W/W	2.55 W/W	2.76 W/W
Cooler	Welded, Direct-Expansion Plate Heat Exchanger		
Plate Number	24		
Total Pressure Drop	3.21 kPa		2.61 kPa
Water Density	998.69 kg/m ³ , First Plate 40.33 kg/m ³ , Second Plate		
Heat Transfer Area	0.48 m ²		0.62 m ²
Capacity	12,000 Btu/h		18,000 Btu/h
Conformities	CE Conformance, ISO 12100:2010, IEC, 60204-1, 2006/42/EC, 97/23/EC; ISO9001:2015		



IMTEK Chiller is a registered trademark of Imtek Cryogenics.

We reserve the right to make modifications to our product offerings at any time, without prior notice.

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