

# AIR & WATER COOLED COMPACT CHILLERS

WATER COOLING TYPE HLCW-01 ~ HLCW-50

AIR COOLING TYPE HLCA-01 ~ HLCA-20

**FEATURES :**

EMPLOYING ALL - NEW , IMPORTED COMPRESSOR COMPLETE WITH ALL - NEW IMPORT CERTIFICATES .  
 WITH HIGH EFFICIENT EVAPORATOR AND CONDENSER .  
 EMPLOYING TWO SETS OF COMPRESSOR WHICH CAN BE USED JOINTLY OR INDEPENDENT .  
 EMPLOYING SUPERB IMPORTED COMPONENTS , WITH LONGER TERMS OF SERVICE .  
 THE CHILLERS ARE EQUIPPED WITH CIRCULATION PUMPS AND STAINLESS STEEL WATER TANKS , THEY ARE DESIGNED FOR AUTO WATER SUPPLY AND EXHAUSTING SYSTEM .  
 WELDING WITHOUT USING OXYGEN TO AVOID OXIDATION INSIDE THE TUBES .  
 COMPLETE WITH SAFETY PROTECTION AND ERROR INDICATION SYSTEM .

**SAFETY AND INDICATION :**

MAIN POWER, NO-FUSE BREAKER  
 POWER, PHASE LACK & REVERSE PROTECTION.  
 COMPRESSOR OVERLOAD PROTECTING AND INDICATING LAMP  
 PUMP REVERSAL PROTECTING AND INDICATING LAMP  
 PUMP OVERLOAD PROTECTING AND INDICATING LAMP  
 COOLING WATER OVERHEAT PROTECTING AND INDICATING LAMP  
 ANTI-FREEZING PROTECTING AND INDICATING LAMP  
 REFRIGERANT SHORTAGE PROTECTING AND INDICATING LAMP  
 REFRIGERANT HIGH-PRESSURE PROTECTION  
 ICE WATER BY-PASS CIRCULATION  
 ICE WATER OUTLET-PRESSURE GAUGE  
 REFRIGERANT LOW-PRESSURE GAUGE  
 BUZZER

**OPTION DEVICES :**

TIMER  
 ELECTRIC LEAKAGE CIRCUIT BREAKER  
 COOLING TOWER



## WATER COOLED COMPACT TYPE CHILLERS

**SPECIFICATIONS FOR HLCW-01~HLCW-40 :**

Item	Model	HLCW-01	HLCW -02	HLCW -03	HLCW -05	HLCW -10	HLCW -15	HLCW -20	HLCW -25	HLCW -30	HLCW -40
Temp. range	℃	5 ~ 30									
Control range	℃	2 ~ 5									
Compressor	HP	1	2	3	5	5 x 2	7.5 x 2	10 x 2	12.5 x 2	15 x 2	20 x 2
Cooling capacity	Kcal/hr/60HZ	3025	6050	9070	15120	30240	45360	60480	75600	90720	120960
	BTU/hr/60HZ	12000	24000	36000	60000	120000	180000	240000	300000	360000	480000
Pump	HP	1/2	1/2	1		1	2	2	3	3	3   5
Pressure	kg / cm <sup>2</sup>	2	2	2.3		2.7	2.7	2.7	3.2	3.2	3.2   3.6
Pump flow	L/min/max	100	100	150		300	300	300	650	650	650   1013
Cooling fan	HP	No install									
Power supply	KW	1.125	1.875	3	4.5	9	12.75	16.5	21	24,75	32.25   33.75
Tank	Liter	30	40	80		120	160	160	200	200	250
Cooling pipe	Inch	3/4	3/4	1-1/4		1-1/2	1-1/2	2	2-1/2	2-1/2	3
Circulation	Inch	3/4	3/4	1-1/4		1-1/2	1-1/2	2	2-1/2	2-1/2	3
Draining	Inch	1/2									
Dimension	L x W x H ( cm )	75x45x100	90x50x105	125x55x110		140x65x145	155x70x150	190x90x140	220x90x145	220x90x155	250x95x170
Approx. weight	KG	95	180	315	330	750	850	1000	1150	1300	1700

WE RESERVE THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT PRIOR NOTICE .  
 SPECIAL POWER AND DESIGN UPON REQUEST .  
 SPECIAL DESIGN UPON REQUEST .