

# Water Cooled Screw Chiller

Machine Model :WCH 60S1-747T3

Cooling Capacity : 60-800 TON



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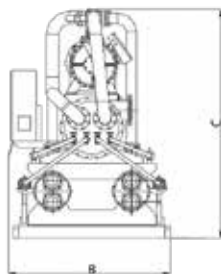
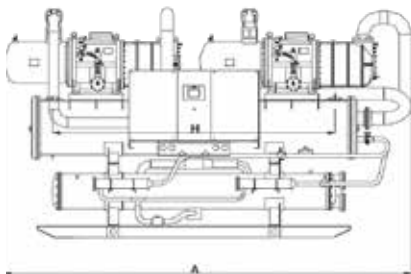
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# SPECIFICATION : WATER COOLED SCREW CHILLER

WCH		66S1		72S1		88S1		100D2		107D2		132D2		143D2		154D2	
Power Supply	V/ph/Hz	380/3/50 - 450/3/50															
<b>PERFORMANCE</b>																	
Refrigerant		R22	R407c	R22	R407c	R22	R407c	R22	R407c	R22	R407c	R22	R407c	R22	R407c	R22	R407c
Cooling capacity	KW	232	221	253	243	309	288	351	327	376	366	464	446	503	485	541	506
Cooling capacity	Tons	66	63.0	72.0	69.0	88.0	82.0	100.0	93.0	107.0	104.0	132.0	127.0	143.0	138.0	154.0	144.0
Input Power	KW	49.6	47.0	53.2	51.6	61.8	57.5	73.2	68.8	80.2	80.0	99.2	94.2	106.4	103.2	108.0	102.4
<b>COMPRESSOR</b>																	
Compressor Type		BITZER SCREW COMPRESSOR															
Compressor QTY	Unit	1		1		1		2		2		2		2		2	
Variable Speed	Steps	0%, 50%, 75%, 100%						0%, 37.5%, 50, 62.5%, 75%, 87.5%, 100%									
<b>CONDENSER</b>																	
Condensor	Type	Shell and Tube															
Cooling Flowrate	CBM/HR	44.9064	42.8652	48.9888	46.9476	59.8752	55.7928	68.04	63.2772	72.8028	70.7616	89.8128	86.4108	97.2972	93.8952	97.9776	
Connection Size	Inch	3"		3"		3"		4"		4"		5"		5"		5"	
<b>EVAPORATOR</b>																	
Evaporator	Type	Shell and Tube															
Chilled Water	CBM/HR	40.41576	38.57868	44.08992	42.25284	53.88768	50.21352	61.236	56.94948	65.52252	63.68544	80.83152	77.76972	87.56748	84.50568	88.17984	
Connection Size	Inch	3"		3"		3"		4"		4"		5"		5"		5"	
<b>SIZE</b>																	
Weight	Kg	1580		1730		1820		2460		2540		2710		2810		2940	
L	cm	2500		2500		2900		3100		3100		3100		3100		3100	
W	cm	1000		1000		1500		1000		1000		1000		1100		1100	
H	cm	1300		1300		1400		1250		1250		1250		1350		1350	

WCH		175D2		200D2		226D2		249D2		273D2		308D2		342D2		2260D2	
Power Supply	V/ph/Hz	380/3/50 - 450/3/50															
<b>PERFORMANCE</b>																	
Refrigerant		R22	R407c	R22	R407c	R22	R407c	R22	R407c	R22	R407c	R22	R407c	R22	R407c	R22	R407c
Cooling capacity	KW	615	580	703	657	794	749	875	822	960	914	1,083	1,037	1,202	1,128	1,322	1,241
Cooling capacity	Tons	175	165.0	200.0	187.0	226.0	213.0	249.0	234.0	273.0	260.0	308.0	295.0	342.0	321.0	376.0	353.0
Input Power	KW	124	116.0	141.0	132.0	159.0	150.0	172.0	163.0	185.0	177.0	215.0	202.0	241.0	227.0	258.0	246.0
<b>COMPRESSOR</b>																	
Compressor Type		BITZER SCREW COMPRESSOR															
Compressor QTY	Unit	2		2		2		2		2		2		2		2	
Variable Speed	Steps	0%, 37.5%, 50, 62.5%, 75%, 87.5%, 100%															
<b>CONDENSER</b>																	
Condensor	Type	Shell and Tube															
Cooling Flowrate	CBM/HR	119.07	112.266	136.08	127.2348	153.7704	144.9252	169.4196	159.2136	185.7492	176.904	209.5632	200.718	232.6968	218.4084	255.8304	240.1812
Connection Size	Inch	3"x2		4"x2		4"x2		4"x2		5"x2		5"x2		5"x2		5"x2	
<b>EVAPORATOR</b>																	
Evaporator	Type	Shell and Tube															
Chilled Water	CBM/HR	95.256	89.8128	108.864	101.7878	123.0163	115.9401	135.5356	127.3708	148.5993	141.5232	167.6505	160.5744	186.1574	174.7267	204.6643	192.1449
Connection Size	Inch	5"		5"		6"		6"		6"		6"		8"		8"	
<b>SIZE</b>																	
Weight		3060		3290		3540		3740		4020		4300		4340		4540	
L	cm	3800		3800		3800		3800		3800		3800		4200		4200	
W	cm	1200		1200		1200		1200		1200		1200		1200		1200	
H	cm	1500		1500		1500		1500		1500		1500		1850		1850	



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