

**Specification of ANGES (China) Water-Cooled Screw Type Single-compressor Chiller all type**

PARAMETER		MODEL	UNIT	AGS-130WSH	AGS-170WSH	AGS-180WSH	AGS-210WSH
<b>Nominal Cooling Capacity</b> <b>(Outlet Water Temp. = 7°C)</b>			kcal/h	92,880	117,820	129,000	149,640
			kW	108	137	150	174
<b>Total Input Power</b>			kW	33.84	42.12	45.6	52.8
<b>Max. Running Current</b>			A	80	90	96	124
<b>Power</b>				3PH-380V-50Hz (220V/415V - 50Hz/60Hz)			
<b>Refrigerant</b>	<b>Type</b>			R407c			
	<b>Refrigerant Charge</b>		kg	20	25	28	32
	<b>Control Method</b>			THERMOSTATIC EXPANSION VALVE			
<b>Compressor</b>	<b>Type</b>			SEMI-HERMATIC SCREW			
	<b>Power</b>		kW	28.2	35.1	38	44
	<b>Brand</b>			ITALY REFCOMP			
	<b>Start-up Model</b>			Y-Δ			
	<b>Capacity Control</b>		%	0-33-66-100		0-25-50-75-100	
<b>Evaporator</b>	<b>Type</b>			SHELL & TUBE			
	<b>Chilled Fluid Flow</b>		m <sup>3</sup> /h	22.7	28.7	31.3	36.3
	<b>Inlet/Outlet Pipe ø</b>		Inch	3"	3"	3"	3"
<b>Condenser</b>	<b>Type</b>			SHELL & TUBE			
	<b>Cooling Water Flow</b>		m <sup>3</sup> /h	29	36	39	45
	<b>Inlet/Outlet Pipe ø</b>		Inch	3"	3"	3"	3"
<b>Safety Protection</b>			Compressor Over Temp., Over Current, High & Low Pressure, Over Temp., Flow Switch, Phase Sequence, Phase-Missing, Exhaust Overheating, Anti-Freezing				
<b>Dimension</b>		mm	1960x855x1540	2130x855x1540	2130x855x1540	2750x985x1600	
<b>Net Weight</b>		kg	820	950	1120	1300	
<b>Running Weight</b>		kg	902	1045	1232	1430	

PARAMETER		MODEL	UNIT	AGS-240WSH	AGS-300WSH	AGS-330WSH	AGS-360WSH
<b>Nominal Cooling Capacity</b> <b>(Outlet Water Temp. = 7°C)</b>			kcal/h	173,720	213,280	237,360	257,140
			kW	202	248	276	299
<b>Total Input Power</b>			kW	60.6	73.08	81.24	88.08
<b>Max. Running Current</b>			A	140	168	192	196
<b>Power</b>				3PH-380V-50Hz (220V/415V - 50Hz/60Hz)			
<b>Refrigerant</b>	<b>Type</b>			R407c			
	<b>Refrigerant Charge</b>		kg	37	45	51	55
	<b>Control Method</b>			THERMOSTATIC EXPANSION VALVE			
<b>Compressor</b>	<b>Type</b>			SEMI-HERMATIC SCREW			
	<b>Power</b>		kW	50.5	60.9	67.7	73.4
	<b>Brand</b>			ITALY REFCOMP			
	<b>Start-up Model</b>			Y-Δ			
	<b>Capacity Control</b>		%	0-25-50-75-100			
<b>Evaporator</b>	<b>Type</b>			SHELL & TUBE			
	<b>Chilled Fluid Flow</b>		m <sup>3</sup> /h	42	51.6	57.4	62.3
	<b>Inlet/Outlet Pipe ø</b>		Inch	4"	4"	4"	4"
<b>Condenser</b>	<b>Type</b>			SHELL & TUBE			
	<b>Cooling Water Flow</b>		m <sup>3</sup> /h	52	64	71	77
	<b>Inlet/Outlet Pipe ø</b>		Inch	4"	4"	4"	4"
<b>Safety Protection</b>			Compressor Over Temp., Over Current, High & Low Pressure, Over Temp., Flow Switch, Phase Sequence, Phase-Missing, Exhaust Overheating, Anti-Freezing				
<b>Dimension</b>		mm	2750x985x1600	3100x1050x1600	3500x1050x1600	3500x1050x1600	
<b>Net Weight</b>		kg	1560	1620	1650	1850	
<b>Running Weight</b>		kg	1716	1782	1815	2035	

PARAMETER		MODEL	UNIT	AGS-430WSH	AGS-480WSH	AGS-530WSH	AGS-590WSH
<b>Nominal Cooling Capacity</b> <b>(Outlet Water Temp. = 7°C)</b>			kcal/h	306,160	342,280	374,100	412,800
			kW	356	398	435	480
<b>Total Input Power</b>			kW	103.56	114.72	125.28	138
<b>Max. Running Current</b>			A	225	245	270	300
<b>Power</b>				3PH-380V-50Hz (220V/415V - 50Hz/60Hz)			
<b>Refrigerant</b>	<b>Type</b>			R407c			
	<b>Refrigerant Charge</b>		kg	65	73	80	88
	<b>Control Method</b>			THERMOSTATIC EXPANSION VALVE			
<b>Compressor</b>	<b>Type</b>			SEMI-HERMATIC SCREW			
	<b>Power</b>		kW	86.3	95.6	104.4	115
	<b>Brand</b>			ITALY REFCOMP			
	<b>Start-up Model</b>			Y-Δ			
	<b>Capacity Control</b>		%	0-25-50-75-100			
<b>Evaporator</b>	<b>Type</b>			SHELL & TUBE			
	<b>Chilled Fluid Flow</b>		m <sup>3</sup> /h	74.1	82.7	92	101.5
	<b>Inlet/Outlet Pipe ø</b>		Inch	5"	5"	5"	5"
<b>Condenser</b>	<b>Type</b>			SHELL & TUBE			
	<b>Cooling Water Flow</b>		m <sup>3</sup> /h	92	102	114	125
	<b>Inlet/Outlet Pipe ø</b>		Inch	5"	5"	5"	5"
<b>Safety Protection</b>			Compressor Over Temp., Over Current, High & Low Pressure, Over Temp., Flow Switch, Phase Sequence, Phase-Missing, Exhaust Overheating, Anti-Freezing				
<b>Dimension</b>		mm	3750x1050x1730	4100x1250x1760	4100x1250x1760	4200x1250x1760	
<b>Net Weight</b>		kg	2030	2200	2300	2500	
<b>Running Weight</b>		kg	2233	2420	2530	2750	

PARAMETER		MODEL	UNIT	AGS-630WSH	AGS-750WSH
<b>Nominal Cooling Capacity</b> <b>(Outlet Water Temp. = 7°C)</b>			kcal/h	440,320	540,080
			kW	512	628
<b>Total Input Power</b>			kW	147.36	188.88
<b>Max. Running Current</b>			A	334	400
<b>Power</b>				3PH-380V-50Hz (220V/415V - 50Hz/60Hz)	
<b>Refrigerant</b>	<b>Type</b>			R407c	
	<b>Refrigerant Charge</b>		kg	94	115
	<b>Control Method</b>			THERMOSTATIC EXPANSION VALVE	
<b>Compressor</b>	<b>Type</b>			SEMI-HERMATIC SCREW	
	<b>Power</b>		kW	122.8	157.4
	<b>Brand</b>			ITALY REFCOMP	
	<b>Start-up Model</b>			Y-Δ	
	<b>Capacity Control</b>		%	0-25-50-75-100	
<b>Evaporator</b>	<b>Type</b>			SHELL & TUBE	
	<b>Chilled Fluid Flow</b>		m <sup>3</sup> /h	108.4	129.2
	<b>Inlet/Outlet Pipe ø</b>		Inch	6"	6"
<b>Condenser</b>	<b>Type</b>			SHELL & TUBE	
	<b>Cooling Water Flow</b>		m <sup>3</sup> /h	134	162
	<b>Inlet/Outlet Pipe ø</b>		Inch	6"	6"
<b>Safety Protection</b>			Compressor Over Temp., Over Current, High & Low Pressure, Over Temp., Flow Switch, Phase Sequence, Phase-Missing, Exhaust Overheating, Anti-Freezing		
<b>Dimension</b>		mm	4250x1350x1850		4300x1400x1950
<b>Net Weight</b>		kg	2850		3200
<b>Running Weight</b>		kg	3135		3520