



Condensing unit  
Voltage Code : XG

# AWT4538ZHR-XG

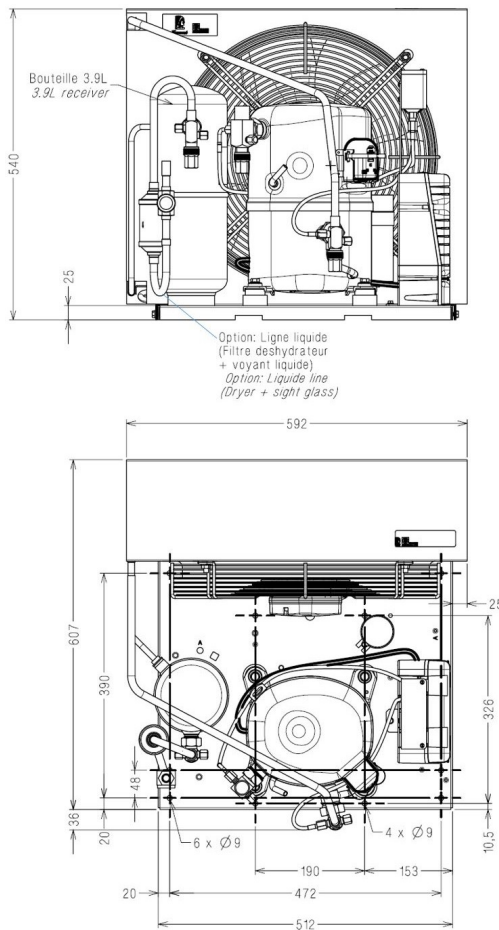
High Temp. Commercial (HP)

380-420V 3~ 50Hz / 460V 3~ 60 Hz

R452A / R404A

AWT4538ZHR-XG

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz / 60 Hz	8291 / 9002	28272 / 30696	81 dBA
EN13215 / R404A	50 Hz / 60 Hz	8479 / 9231	28912 / 31479	81 dBA



\* EN13215 : T°Ambient 32.0°C / T°Evap. 5.0°C / T°Return gas temp.. 20.0°C  
T°Subcooling. 3.0K

<b>Net Weight (Kg)</b>	67.0
<b>Expansion device</b>	Expansion_Valve
<b>Air Flow (m³/h)</b>	3300
<b>Compo Data Sheet</b>	2590
<b>Elec Comp Type</b>	TRI
<b>Current (Amp)</b>	
Load Rated Amp	6.9
Max Cont Current	9.7
Lock Rotor Amp	46
<b>Fan</b>	
Speed (rpm)	1360
Power (W)	280.0
Diameter (mm)	450
Protection	Overload
IP Level	IP54
<b>Condenser</b>	M420/24000
<b>Liquid Receiver</b>	
Capacity (L)	3.9
Maximum Pressure (Bars)	32.0
<b>Suction Line</b>	
Suction Type	Vanne Orientable
For Tubing Out Diam	22.2 (7/8")
Suction Connection Type	Brased
<b>Liquid Line</b>	
Liquid Line Type	Vanne Orientable
For Tubing Out Diam	12.7 (1/2")
Liquid Connecton Type	Brased
<b>Connection Type</b>	VR
<b>Fan Guard</b>	maille < à 8mm

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<b>AWT4538ZHR-XG</b>	<b>Tension XG : 380-420V 3~ 50Hz / 460V 3~ 60 Hz</b>
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Les performances sont données dans les <b>conditions EN13215</b> :	Gaz aspirés :	20.0 °C
Condition Dew	Sous refroidissement :	3.0 K
The performance data are in <b>EN13215 conditions</b> :	Return gas :	20.0 °C
Dew Condition	Subcooling :	3.0 K

<b>50 Hz R452A</b>											
											<b>N°6673</b>
5   T ambience	6   T évaporation	(°C)	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>	<b>-5</b>	<b>0</b>	<b>5</b>	<b>10</b>	<b>15</b>
<b>25</b>	1   P frigorifique	(Watt)	2830	3703	4664	5706	6821	7994	9219	10495	11840
	2   P absorbée	(W)	1627	1851	2079	2316	2567	2833	3116	3418	3736
	3   I absorbée	(A)	4.73	4.95	5.20	5.48	5.79	6.15	6.55	6.99	7.47
	4   Tc	(°C)	27.7	29.1	31.0	33.2	35.7	38.4	41.2	44.1	46.9
<b>32</b>	1   P frigorifique	(Watt)		3222	4128	5095	6115	7182	8291	9450	10684
	2   P absorbée	(W)		1904	2158	2419	2691	2976	3277	3595	3927
	3   I absorbée	(A)		5.02	5.31	5.62	5.97	6.35	6.78	7.24	7.74
	4   Tc	(°C)		35.4	37.1	39.1	41.4	43.8	46.4	49.1	51.6
<b>43</b>	1   P frigorifique	(Watt)			3257	4106	4983	5891	6835	7838	8946
	2   P absorbée	(W)			2257	2560	2869	3189	3521	3865	4221
	3   I absorbée	(A)			5.50	5.86	6.26	6.69	7.15	7.64	8.16
	4   Tc	(°C)			46.7	48.4	50.3	52.4	54.6	56.8	59.0

<b>60 Hz R452A</b>											
											<b>N°6673</b>
5   T ambience	6   T évaporation	(°C)	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>	<b>-5</b>	<b>0</b>	<b>5</b>	<b>10</b>	<b>15</b>
<b>25</b>	1   P frigorifique	(Watt)		4109	5146	6280	7499	8792	10152	11584	13114
	2   P absorbée	(W)		2289	2562	2849	3155	3482	3832	4207	4604
	3   I absorbée	(A)		5.34	5.62	5.93	6.26	6.63	7.02	7.44	7.90
	4   Tc	(°C)		32.2	34.0	36.1	38.5	41.1	43.8	46.6	49.3
<b>32</b>	1   P frigorifique	(Watt)		3538	4500	5534	6632	7788	9002	10288	11685
	2   P absorbée	(W)		2323	2622	2931	3256	3601	3966	4354	4763
	3   I absorbée	(A)		5.35	5.67	6.01	6.37	6.75	7.17	7.61	8.08
	4   Tc	(°C)		38.7	40.3	42.2	44.4	46.8	49.3	51.8	54.3
<b>43</b>	1   P frigorifique	(Watt)			3431	4309	5223	6179	7190	8293	
	2   P absorbée	(W)			2665	3017	3379	3756	4150	4562	
	3   I absorbée	(A)			5.71	6.10	6.50	6.93	7.37	7.84	
	4   Tc	(°C)			50.3	51.8	53.7	55.7	57.8	60.0	

**1 = cooling capacity 2 = power input 3 = current 4 = condensing temperature 5 = ambient temperature 6 = evaporating temperature**

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<b>AWT4538ZHR-XG</b>	<b>Tension XG : 380-420V 3~ 50Hz / 460V 3~ 60 Hz</b>
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Les performances sont données dans les <b>conditions EN13215</b> :	Gaz aspirés :	20.0 °C
Condition Dew	Sous refroidissement :	3.0 K
The performance data are in <b>EN13215 conditions</b> :	Return gas :	20.0 °C
Dew Condition	Subcooling :	3.0 K

<b>50 Hz R404A</b>											
											<b>N°6662</b>
5   T ambience	6   T évaporation	(°C)	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>	<b>-5</b>	<b>0</b>	<b>5</b>	<b>10</b>	<b>15</b>
<b>25</b>	1   P frigorifique	(Watt)	3150	4013	4973	6018	7133	8299	9497	10714	11942
	2   P absorbée	(W)	1769	1996	2228	2466	2711	2962	3220	3485	3758
	3   I absorbée	(A)	4.81	5.09	5.38	5.68	6.00	6.33	6.70	7.09	7.52
	4   Tc	(°C)	30.1	31.8	33.7	36.0	38.4	41.0	43.7	46.6	49.5
<b>32</b>	1   P frigorifique	(Watt)	2685	3505	4397	5352	6360	7406	8479	9571	10686
	2   P absorbée	(W)	1799	2049	2306	2568	2836	3110	3389	3672	3959
	3   I absorbée	(A)	4.79	5.13	5.47	5.82	6.18	6.56	6.95	7.37	7.82
	4   Tc	(°C)	36.2	37.9	39.7	41.8	44.1	46.5	49.0	51.6	54.2
<b>43</b>	1   P frigorifique	(Watt)			3461	4278	5122	5986	6869	7779	8737
	2   P absorbée	(W)			2405	2704	3009	3318	3631	3944	4256
	3   I absorbée	(A)			5.58	6.01	6.44	6.88	7.34	7.80	8.28
	4   Tc	(°C)			49.1	51.0	53.0	55.1	57.3	59.5	61.7

<b>60 Hz R404A</b>											
											<b>N°6662</b>
5   T ambience	6   T évaporation	(°C)	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>	<b>-5</b>	<b>0</b>	<b>5</b>	<b>10</b>	<b>15</b>
<b>25</b>	1   P frigorifique	(Watt)	3428	4461	5564	6729	7944	9193	10459	11730	13003
	2   P absorbée	(W)	2167	2480	2785	3086	3387	3693	4007	4330	4664
	3   I absorbée	(A)	5.25	5.55	5.85	6.16	6.49	6.83	7.19	7.58	7.98
	4   Tc	(°C)	33.2	34.8	36.7	38.8	41.1	43.6	46.3	49.0	51.8
<b>32</b>	1   P frigorifique	(Watt)		3800	4832	5900	6996	8109	9231	10359	11503
	2   P absorbée	(W)		2491	2831	3165	3496	3827	4162	4502	4848
	3   I absorbée	(A)		5.56	5.91	6.26	6.62	6.99	7.38	7.79	8.21
	4   Tc	(°C)		41.1	42.8	44.8	47.0	49.3	51.7	54.2	56.7
<b>43</b>	1   P frigorifique	(Watt)			3673	4588	5499	6405	7312	8233	
	2   P absorbée	(W)			2882	3267	3645	4018	4388	4756	
	3   I absorbée	(A)			5.96	6.37	6.79	7.22	7.65	8.09	
	4   Tc	(°C)			52.5	54.3	56.2	58.2	60.3	62.4	

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