



Condensing unit
Voltage Code : XG

AWT4538ZHR-XG

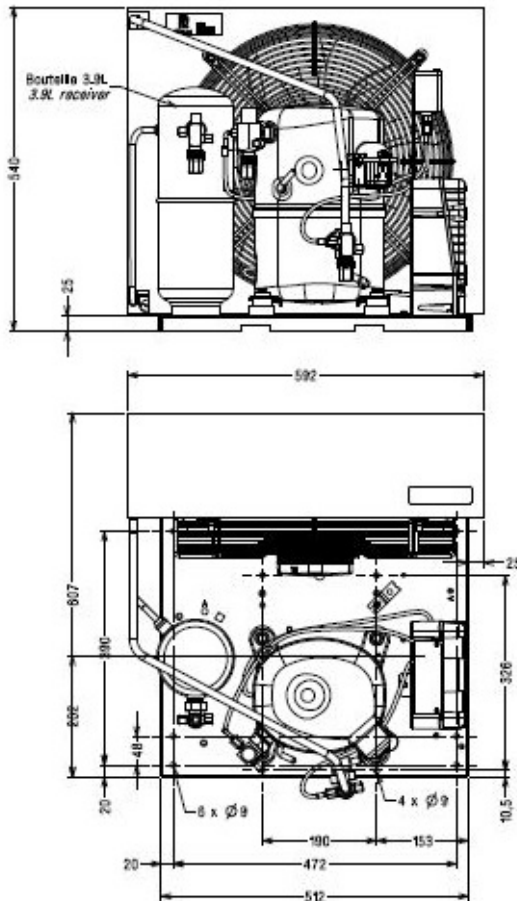
High Temp. Commercial (HP)

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	5095 / 5534	17374 / 18870	81 dBA
EN13215 / R404A	50 Hz / 60 Hz	5352 / 5900	18251 / 20119	81 dBA



* EN13215 : T°Ambient 32.0°C / T°Evap. -10.0°C / T°Return gas temp.. 20.0°C
T°Subcooling. 3.0K

Net Weight (Kg)	67.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	3300
Compo Data Sheet	2590
Elec Comp Type	TRI
Current (Amp)	
Load Rated Amp	6.9
Max Cont Current	9.7
Lock Rotor Amp	46
Fan	
Speed (rpm)	1360
Power (W)	280.0
Diameter (mm)	420
Protection	Overload
IP Level	IP54
Condenser	M420/24000
Liquid Receiver	
Capacity (L)	3.9
Maximum Pressure (Bars)	32.0
Suction Line	
Suction Type	Vanne Orientable
For Tubing Out Diam	22.2 (7/8")
Suction Connection Type	Brased
Liquid Line	
Liquid Line Type	Vanne Orientable
For Tubing Out Diam	12.7 (1/2")
Liquid Connecton Type	Brased
Connection Type	VR
Fan Guard	maille < à 8mm

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

50 Hz R452A											
N°6673											
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	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
32	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
43	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

60 Hz R452A											
N°6673											
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	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
32	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
43	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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Les performances sont données dans les conditions EN13215 :	Gaz aspirés :	20.0 °C
Condition Dew	Sous refroidissement :	3.0 K
The performance data are in EN13215 conditions :	Return gas :	20.0 °C
Dew Condition	Subcooling :	3.0 K

50 Hz R404A											
											N°6662
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	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
32	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
43	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

60 Hz R404A											
											N°6662
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	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
32	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
43	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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