

Condensing unit

Voltage Code : TZ

TAGDT4614ZHR-TZ

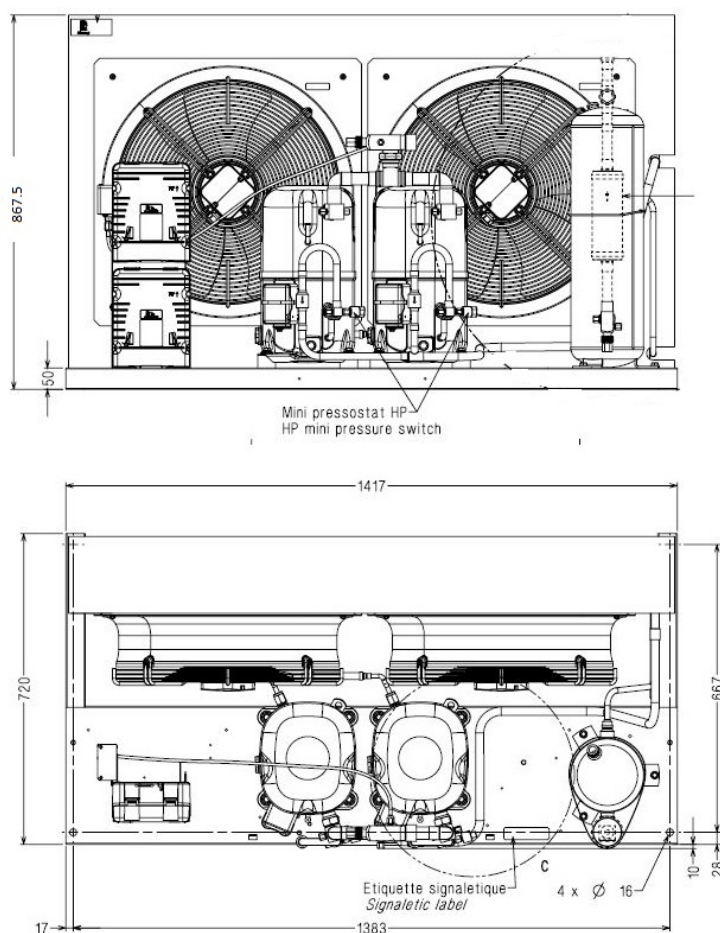
High Temp. Commercial (HP)

400V 3~ 50Hz / 440V 3~ 60 Hz

R452A / R404A

TAGDT4614ZHR-TZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz	30297	103314	90 dBA
EN13215 / R404A	50 Hz	30899	105366	90 dBA



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

Net Weight (Kg)	209.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	14600 / 16500
Compo Data Sheet	227JU-T
Elec Comp Type	TRI
Current (Amp)	
Load Rated Amp	23.1 24.6
Max Cont Current	38.3 38.2
Lock Rotor Amp	116 102
Fan	
Speed (rpm)	1365 / 1540
Power (W)	620.0
Diameter (mm)	500
Protection	Thermostat
IP Level	IP54
Condenser	B500/75000
Liquid Receiver	
Capacity (L)	12.0
Maximum Pressure (Bars)	32.0
Suction Line	
Suction Type	Vanne Orientable
For Tubing Out Diam	34.9 (1"3/8)
Suction Connection Type	Brased
Liquid Line	
Liquid Line Type	Vanne Orientable
For Tubing Out Diam	22.2 (7/8")
Liquid Connection Type	Brased
Connection Type	VR
Fan Guard	maille < à 8mm

Note : Tecumseh reserves the right to change information contained in this document without notification.

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Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 Hz

Les performances sont données dans les **conditions EN13215** :

Condition Dew

Gaz aspirés : 20.0 °C

Sous refroidissement : 3.0 K

The performance data are in **EN13215 conditions** :

Dew Condition

Return gas : 20.0 °C

Subcooling : 3.0 K

50 Hz R452A

N°6092

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	10149	13055	16422	20220	24387	28822	33378	37865	42120
	2 P absorbée	(W)	6424	7265	8126	9036	10027	11140	12423	13931	15739
	3 I absorbée	(A)	12.0	13.1	14.3	15.6	17.0	18.6	20.4	22.5	24.8
	4 Tc	(°C)	26.9	28.7	30.6	32.7	34.9	37.6	40.6	44.1	48.3
32	1 P frigorifique	(Watt)		11318	14447	17962	21825	25970	30297	34686	39078
	2 P absorbée	(W)		7292	8258	9258	10324	11494	12816	14345	16151
	3 I absorbée	(A)		13.1	14.4	15.8	17.4	19.0	20.9	23.0	25.3
	4 Tc	(°C)		34.8	36.7	38.7	40.8	43.1	45.7	48.7	52.2
43	1 P frigorifique	(Watt)			11313	14372	17754	21453	25451	29748	34491
	2 P absorbée	(W)			8299	9503	10741	12046	13459	15035	16836
	3 I absorbée	(A)			14.5	16.1	17.8	19.6	21.6	23.7	26.0
	4 Tc	(°C)			46.4	48.3	50.0	51.8	53.8	55.9	58.4

50 Hz R404A

N°5123

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	11044	14007	17421	21238	25385	29743	34145	38380	42256
	2 P absorbée	(W)	6737	7593	8467	9385	10381	11492	12761	14243	16005
	3 I absorbée	(A)	12.6	13.7	14.9	16.2	17.6	19.2	21.0	23.0	25.3
	4 Tc	(°C)	29.8	31.6	33.5	35.5	37.7	40.2	43.2	46.6	50.6
32	1 P frigorifique	(Watt)	9399	12176	15340	18860	22687	26739	30899	35024	39022
	2 P absorbée	(W)	6685	7651	8627	9632	10698	11860	13164	14662	16418
	3 I absorbée	(A)	12.5	13.7	15.1	16.5	18.0	19.7	21.5	23.5	25.8
	4 Tc	(°C)	35.6	37.6	39.4	41.3	43.4	45.6	48.1	51.0	54.3
43	1 P frigorifique	(Watt)			12052	15098	18420	21999	25800	29798	34084
	2 P absorbée	(W)			8725	9928	11158	12445	13831	15366	17110
	3 I absorbée	(A)			15.2	16.8	18.5	20.3	22.2	24.2	26.5
	4 Tc	(°C)			48.8	50.6	52.3	54.0	55.8	57.8	60.2

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

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