



Tecumseh

Compressor
Voltage Code : TZ

TAGD4612Z

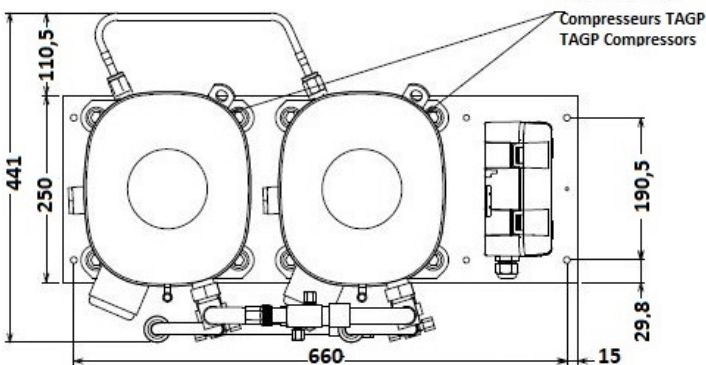
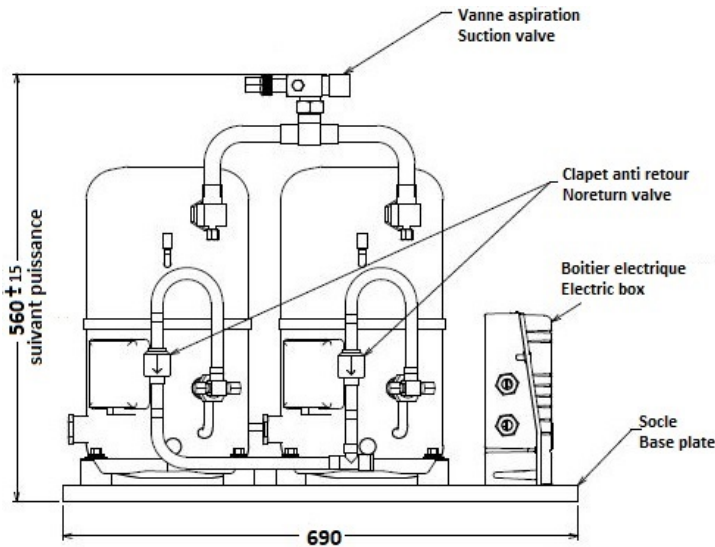
High Temp. Commercial (HP)

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

R452A / R404A / R448A / R449A

TAGD4612ZTZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN12900_HP / R452A	50 Hz / 60 Hz	24655 / 30551	84075 / 104179	86 dBA
EN12900_HP / R404A	50 Hz / 60 Hz	24595 / 30478	83867 / 103930	
EN12900_HP / R448A	50 Hz / 60 Hz	24680 / 30578	84158 / 104271	
EN12900_HP / R449A	50 Hz / 60 Hz	24680 / 30578	84158 / 104271	



Displacement (cc)	225
Net Weight (Kg)	100.0
Oil Quantity (cc)	3520.0
Oil Type	Polyolester
Expansion Device	Capillary_Tube/Expansion_Valve
Cooling	Fan
Main Winding (Ohm)	3.3
Current	
RLA (A)	18.4 19.2
MCC (A)	30.6 29.4
LRA (A)	100 104
Electrical Equipment	TRI
Overload	Interne
Refrigerating connection for	
Suction Tube	34.9 (1"3/8)
Discharge Tube	15.9 (5/8")
Process Tube	6.35 (1/4")

* EN12900_HP : T°Cond. 50.0°C / T°Evap. 5.0°C / T°Return gas temp.. 20.0°C
T°Subcooling. 0.0K

Certificates :



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TAGD4612Z	Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 Hz
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Les performances sont données dans les **conditions EN12900_HP** :
 Condition Dew
 The performance data are in **EN12900_HP conditions** :
 Dew Condition

Gaz aspirés : 20.0 °C
 Sous refroidissement : 0.0 K
 Return gas : 20.0 °C
 Subcooling : 0.0 K

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50 Hz R452A

N°2148

4 T condensation	5 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	1 P frigorifique	(Watt)	8322	11363	15025	19409	24621	30763	37940	46254	55809
	2 P absorbée	(W)	4513	5272	6000	6728	7488	8311	9226	10265	11458
	3 I absorbée	(A)	8.35	9.22	10.1	11.1	12.1	13.2	14.3	15.5	16.7
40	1 P frigorifique	(Watt)		8721	11928	15675	20065	25201	31188	38128	46126
	2 P absorbée	(W)		5307	6215	7084	7947	8834	9775	10802	11945
	3 I absorbée	(A)		9.19	10.3	11.4	12.7	13.9	15.2	16.6	18.0
50	1 P frigorifique	(Watt)			8785	11960	15595	19792	24655	30289	36795
	2 P absorbée	(W)			6169	7252	8290	9314	10354	11442	12608
	3 I absorbée	(A)			10.3	11.6	13.0	14.5	16.0	17.5	19.1
60	1 P frigorifique	(Watt)				8188	11134	14458	18265	22658	27741
	2 P absorbée	(W)				7114	8400	9633	10845	12066	13327
	3 I absorbée	(A)				11.7	13.2	14.9	16.6	18.3	20.1

60 Hz R452A

N°2148

4 T condensation	5 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	1 P frigorifique	(Watt)	10593	14378	18998	24384	30470	37190	44476	52263	60483
	2 P absorbée	(W)	5655	6685	7705	8744	9828	10986	12243	13629	15170
	3 I absorbée	(A)	9.09	10.5	11.9	13.5	15.1	16.8	18.6	20.4	22.4
40	1 P frigorifique	(Watt)		11101	15036	19710	25056	31006	37495	44455	51821
	2 P absorbée	(W)		6647	7860	9045	10231	11445	12714	14066	15529
	3 I absorbée	(A)		10.5	12.1	13.7	15.5	17.3	19.2	21.2	23.3
50	1 P frigorifique	(Watt)			11248	15175	19746	24894	30551	36652	43129
	2 P absorbée	(W)			7725	9154	10539	11907	13285	14701	16183
	3 I absorbée	(A)			12.0	13.8	15.7	17.7	19.7	21.9	24.1
60	1 P frigorifique	(Watt)				10331	14094	18405	23197	28404	33959
	2 P absorbée	(W)				8856	10537	12157	13741	15319	16916
	3 I absorbée	(A)				13.7	15.7	17.8	20.0	22.3	24.7

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

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Tecumseh

TAGD4612Z	Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 Hz
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Les performances sont données dans les conditions EN12900_HP :	Gaz aspirés :	20.0 °C
Condition Dew	Sous refroidissement :	0.0 K
The performance data are in EN12900_HP conditions :	Return gas :	20.0 °C
Dew Condition	Subcooling :	0.0 K

50 Hz R404A											
											N°227GX-T
4 T condensation	5 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	1 P frigorifique	(Watt)	8874	11979	15694	20114	25339	31464	38589	46810	56225
	2 P absorbée	(W)	4782	5562	6308	7051	7821	8649	9565	10599	11783
	3 I absorbée	(A)	8.84	9.73	10.7	11.6	12.7	13.7	14.8	16.0	17.2
40	1 P frigorifique	(Watt)	6370	9187	12420	16166	20522	25586	31456	38229	46003
	2 P absorbée	(W)	4625	5625	6552	7435	8305	9193	10129	11143	12267
	3 I absorbée	(A)	8.67	9.74	10.9	12.0	13.2	14.5	15.8	17.1	18.5
50	1 P frigorifique	(Watt)		6295	9120	12266	15828	19905	24595	29994	36200
	2 P absorbée	(W)		5358	6537	7633	8676	9696	10725	11791	12927
	3 I absorbée	(A)		9.61	10.9	12.2	13.6	15.1	16.5	18.1	19.6
60	1 P frigorifique	(Watt)			5727	8346	11189	14354	17937	22037	26751
	2 P absorbée	(W)			6150	7531	8818	10044	11237	12428	13649
	3 I absorbée	(A)			10.8	12.3	13.9	15.5	17.2	18.9	20.6

60 Hz R404A											
											N°227GX-T
4 T condensation	5 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	1 P frigorifique	(Watt)	11289	15163	19847	25269	31357	38039	45243	52896	60928
	2 P absorbée	(W)	5992	7053	8101	9163	10265	11433	12693	14073	15599
	3 I absorbée	(A)	9.64	11.1	12.6	14.1	15.8	17.5	19.3	21.1	23.0
40	1 P frigorifique	(Watt)	8499	11692	15659	20327	25625	31480	37821	44576	51673
	2 P absorbée	(W)	5745	7045	8286	9492	10692	11910	13175	14511	15946
	3 I absorbée	(A)	9.53	11.1	12.7	14.4	16.2	18.0	19.9	21.9	24.0
50	1 P frigorifique	(Watt)		8469	11684	15564	20038	25033	30478	36300	42428
	2 P absorbée	(W)		6656	8186	9635	11029	12396	13761	15151	16592
	3 I absorbée	(A)		10.9	12.7	14.5	16.4	18.4	20.4	22.5	24.7
60	1 P frigorifique	(Watt)			7483	10542	14158	18259	22773	27628	32753
	2 P absorbée	(W)			7587	9376	11063	12674	14237	15778	17323
	3 I absorbée	(A)			12.5	14.5	16.5	18.6	20.7	23.0	25.3

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TAGD4612Z	Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 Hz
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Les performances sont données dans les conditions EN12900_HP :	Gaz aspirés :	20.0 °C
Condition Dew	Sous refroidissement :	0.0 K
The performance data are in EN12900_HP conditions :	Return gas :	20.0 °C
Dew Condition	Subcooling :	0.0 K

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50 Hz R448A (*)

N°2871

4 T condensation	5 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	1 P frigorifique	(Watt)	7332	10264	13819	18110	23251	29355	36537	44910	54588
	2 P absorbée	(W)	4209	4905	5588	6282	7012	7803	8680	9666	10788
	3 I absorbée	(A)	7.78	8.58	9.45	10.4	11.4	12.4	13.5	14.6	15.7
40	1 P frigorifique	(Watt)		7916	11058	14769	19164	24357	30461	37590	45858
	2 P absorbée	(W)		4985	5831	6653	7475	8321	9217	10188	11257
	3 I absorbée	(A)		8.63	9.66	10.8	11.9	13.1	14.3	15.6	17.0
50	1 P frigorifique	(Watt)			8266	11479	15210	19572	24680	30646	37586
	2 P absorbée	(W)			5827	6865	7867	8857	9861	10903	12008
	3 I absorbée	(A)			9.73	11.0	12.4	13.8	15.2	16.7	18.2
60	1 P frigorifique	(Watt)				8207	11355	14968	19160	24045	29737
	2 P absorbée	(W)				6754	8024	9246	10447	11649	12878
	3 I absorbée	(A)				11.1	12.6	14.3	16.0	17.7	19.5

60 Hz R448A (*)

N°2871

4 T condensation	5 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	1 P frigorifique	(Watt)	9342	12979	17468	22754	28779	35489	42826	50736	59162
	2 P absorbée	(W)	5274	6218	7175	8163	9203	10315	11520	12836	14285
	3 I absorbée	(A)	8.48	9.75	11.1	12.6	14.1	15.8	17.5	19.3	21.1
40	1 P frigorifique	(Watt)		10077	13934	18572	23936	29970	36618	43823	51529
	2 P absorbée	(W)		6244	7374	8494	9623	10781	11988	13266	14632
	3 I absorbée	(A)		9.83	11.3	12.9	14.6	16.3	18.1	20.0	22.0
50	1 P frigorifique	(Watt)			10569	14561	19263	24621	30578	37078	44065
	2 P absorbée	(W)			7298	8666	10002	11324	12653	14009	15412
	3 I absorbée	(A)			11.3	13.1	14.9	16.8	18.8	20.8	23.0
60	1 P frigorifique	(Watt)				10346	14387	19069	24335	30130	36397
	2 P absorbée	(W)				8404	10064	11669	13237	14790	16347
	3 I absorbée	(A)				13.0	15.0	17.1	19.3	21.5	23.9

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

(*) Veuillez vous référer strictement aux Recommandations d'Utilisation et Bulletins Marketing Tecumseh du fait de la température de refoulement élevée pour les applications LBP.

(*) Due to very high discharge temperature especially on LBP conditions, please strictly refer to Tecumseh Guidelines & Marketing Bulletin when using this refrigerant.

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Tecumseh

TAGD4612Z	Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 Hz
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Les performances sont données dans les **conditions EN12900_HP** :
 Condition Dew
 The performance data are in **EN12900_HP conditions** :
 Dew Condition

Gaz aspirés : 20.0 °C
 Sous refroidissement : 0.0 K
 Return gas : 20.0 °C
 Subcooling : 0.0 K

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50 Hz R449A (*)

N°2264

4 T condensation	5 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	1 P frigorifique	(Watt)	7332	10264	13819	18110	23251	29355	36537	44910	54588
	2 P absorbée	(W)	4209	4905	5588	6282	7012	7803	8680	9666	10788
	3 I absorbée	(A)	7.78	8.58	9.45	10.4	11.4	12.4	13.5	14.6	15.7
40	1 P frigorifique	(Watt)		7916	11058	14769	19164	24357	30461	37590	45858
	2 P absorbée	(W)		4985	5831	6653	7475	8321	9217	10188	11257
	3 I absorbée	(A)		8.63	9.66	10.8	11.9	13.1	14.3	15.6	17.0
50	1 P frigorifique	(Watt)			8266	11479	15210	19572	24680	30646	37586
	2 P absorbée	(W)			5827	6865	7867	8857	9861	10903	12008
	3 I absorbée	(A)			9.73	11.0	12.4	13.8	15.2	16.7	18.2
60	1 P frigorifique	(Watt)				8207	11355	14968	19160	24045	29737
	2 P absorbée	(W)				6754	8024	9246	10447	11649	12878
	3 I absorbée	(A)				11.1	12.6	14.3	16.0	17.7	19.5

60 Hz R449A (*)

N°2264

4 T condensation	5 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	1 P frigorifique	(Watt)	9342	12979	17468	22754	28779	35489	42826	50736	59162
	2 P absorbée	(W)	5274	6218	7175	8163	9203	10315	11520	12836	14285
	3 I absorbée	(A)	8.48	9.75	11.1	12.6	14.1	15.8	17.5	19.3	21.1
40	1 P frigorifique	(Watt)		10077	13934	18572	23936	29970	36618	43823	51529
	2 P absorbée	(W)		6244	7374	8494	9623	10781	11988	13266	14632
	3 I absorbée	(A)		9.83	11.3	12.9	14.6	16.3	18.1	20.0	22.0
50	1 P frigorifique	(Watt)			10569	14561	19263	24621	30578	37078	44065
	2 P absorbée	(W)			7298	8666	10002	11324	12653	14009	15412
	3 I absorbée	(A)			11.3	13.1	14.9	16.8	18.8	20.8	23.0
60	1 P frigorifique	(Watt)				10346	14387	19069	24335	30130	36397
	2 P absorbée	(W)				8404	10064	11669	13237	14790	16347
	3 I absorbée	(A)				13.0	15.0	17.1	19.3	21.5	23.9

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

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(*) Due to very high discharge temperature especially on LBP conditions, please strictly refer to Tecumseh Guidelines & Marketing Bulletin when using this refrigerant.

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