

Condensing unit
Voltage Code : TZ

TAGT4561ZHR-TZ

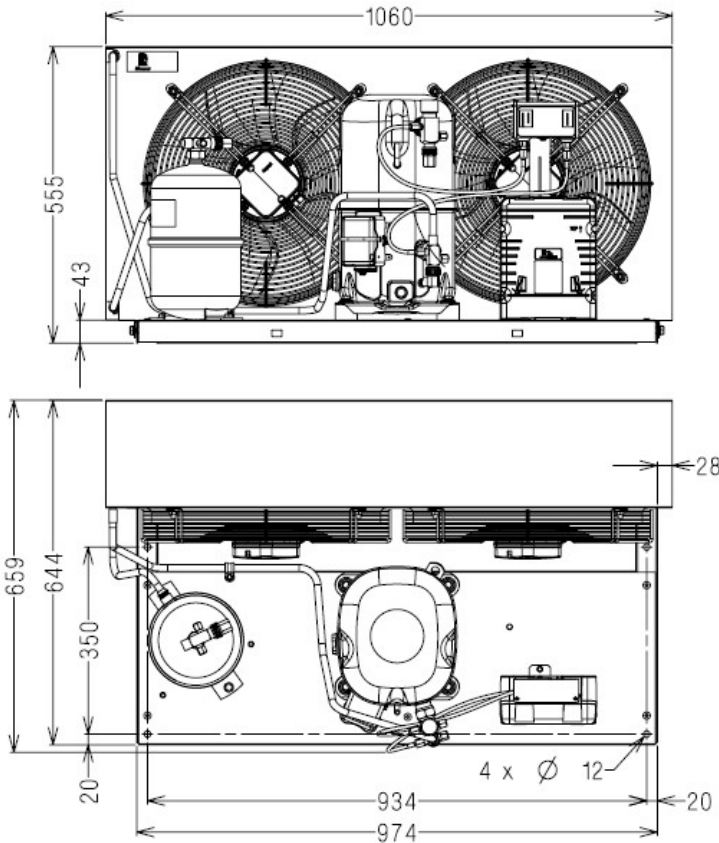
High Temp. Commercial HTA (HP)

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

R452A / R404A / R448A / R449A

TAGT4561ZHR-TZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz / 60 Hz	7988 / 9368	27238 / 31944	86 dBA
EN13215 / R404A	50 Hz / 60 Hz	8221 / 9629	28033 / 32833	86 dBA
EN13215 / R448A	50 Hz	7104	24224	86 dBA
EN13215 / R449A	50 Hz	7108	24237	86 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)	102.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	7000 / 7900
Compo Data Sheet	227GU-T
Elec Comp Type	TRI
Current (Amp)	
Load Rated Amp	11.8 12.6
Max Cont Current	17.6 17.7
Lock Rotor Amp	56 58
Fan	
Speed (rpm)	1360 / 1520
Power (W)	280.0
Diameter (mm)	420
Protection	Overload
IP Level	IP54
Condenser	B420P/36000
Liquid Receiver	
Capacity (L)	6.0
Maximum Pressure (Bars)	32.0
Suction Line	
Suction Type	Vanne Orientable
For Tubing Out Diam	28.6 (1"1/8)
Suction Connection Type	Brased
Liquid Line	
Liquid Line Type	Vanne Orientable
For Tubing Out Diam	15.9 (5/8")
Liquid Connecton Type	Brased
Heat recovery pipes	
Component/ Type of connexion	NA
For tube Outside diameter :	NA

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TAGT4561ZHR-TZ	Tension TZ : 400V 3~ 50Hz / 440V 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°6107
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
32	1 P frigorifique	(Watt)		4798	6327	7988	9765	11637	13588	15620	17765
	2 P absorbée	(W)		3102	3543	3995	4478	5002	5580	6217	6918
	3 I absorbée	(A)		7.11	7.64	8.24	8.89	9.63	10.4	11.3	12.3
	4 Tc	(°C)		33.9	35.0	36.6	38.7	41.1	43.7	46.5	49.2
38	1 P frigorifique	(Watt)		4044	5496	7043	8679	10390	12167	14019	15991
	2 P absorbée	(W)		3063	3557	4048	4559	5105	5699	6349	7061
	3 I absorbée	(A)		7.07	7.66	8.29	8.98	9.74	10.6	11.5	12.5
	4 Tc	(°C)		39.5	40.4	41.8	43.7	45.9	48.4	51.0	53.6
46	1 P frigorifique	(Watt)			4361	5774	7239	8751	10316	11959	13757
	2 P absorbée	(W)			3505	4065	4628	5214	5839	6514	7245
	3 I absorbée	(A)			7.64	8.33	9.07	9.88	10.8	11.7	12.8
	4 Tc	(°C)			47.7	48.8	50.4	52.4	54.6	57.0	59.3

60 Hz R452A											
											N°6107
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
32	1 P frigorifique	(Watt)		5573	7376	9368	11476	13642	15820	17990	20168
	2 P absorbée	(W)		3991	4611	5242	5902	6605	7360	8171	9043
	3 I absorbée	(A)		8.59	9.39	10.3	11.2	12.2	13.2	14.4	15.6
	4 Tc	(°C)		37.2	38.2	39.7	41.7	44.0	46.5	49.2	51.9
38	1 P frigorifique	(Watt)			6342	8179	10135	12150	14183	16221	18299
	2 P absorbée	(W)			4576	5259	5959	6692	7471	8302	9188
	3 I absorbée	(A)			9.37	10.3	11.2	12.2	13.3	14.5	15.7
	4 Tc	(°C)			43.8	45.1	46.9	49.0	51.4	53.9	56.4
46	1 P frigorifique	(Watt)				6526	8271	10083	11933	13834	
	2 P absorbée	(W)				5197	5968	6757	7579	8444	
	3 I absorbée	(A)				10.2	11.2	12.3	13.4	14.6	
	4 Tc	(°C)				52.4	53.9	55.8	57.9	60.2	

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

Nota : Tecumseh se réserve le droit de modifier les informations contenues dans ce document sans préavis.

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TAGT4561ZHR-TZ	Tension TZ : 400V 3~ 50Hz / 440V 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

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50 Hz R404A

N°5137

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
32	1 P frigorifique	(Watt)	3917	5203	6642	8221	9917	11703	13548	15420	17296
	2 P absorbée	(W)	2811	3258	3709	4175	4668	5196	5770	6397	7085
	3 I absorbée	(A)	6.89	7.38	7.92	8.53	9.19	9.93	10.7	11.6	12.6
	4 Tc	(°C)	34.7	36.4	38.2	40.2	42.4	44.8	47.3	50.0	52.8
38	1 P frigorifique	(Watt)		4465	5799	7239	8768	10368	12015	13690	15387
	2 P absorbée	(W)		3239	3732	4233	4753	5304	5894	6533	7227
	3 I absorbée	(A)		7.36	7.95	8.59	9.29	10.1	10.9	11.8	12.8
	4 Tc	(°C)		41.6	43.4	45.3	47.4	49.7	52.0	54.5	57.1
46	1 P frigorifique	(Watt)			4662	5931	7252	8615	10012	11442	
	2 P absorbée	(W)			3701	4260	4829	5419	6040	6702	
	3 I absorbée	(A)			7.95	8.64	9.39	10.2	11.1	12.0	
	4 Tc	(°C)			50.3	52.1	54.1	56.1	58.3	60.6	

60 Hz R404A

N°5137

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
32	1 P frigorifique	(Watt)		6045	7743	9629	11634	13691	15735	17706	19562
	2 P absorbée	(W)		4200	4828	5474	6147	6855	7605	8402	9253
	3 I absorbée	(A)		8.91	9.73	10.6	11.5	12.5	13.6	14.7	15.9
	4 Tc	(°C)		39.6	41.3	43.2	45.3	47.6	50.0	52.6	55.3
38	1 P frigorifique	(Watt)		5179	6695	8395	10213	12085	13953	15768	17504
	2 P absorbée	(W)		4125	4806	5498	6208	6947	7720	8535	9397
	3 I absorbée	(A)		8.88	9.72	10.6	11.6	12.6	13.7	14.8	16.0
	4 Tc	(°C)		45.0	46.6	48.5	50.5	52.6	54.9	57.3	59.8
46	1 P frigorifique	(Watt)			5269	6699	8249	9863	11494		
	2 P absorbée	(W)			4683	5450	6225	7017	7834		
	3 I absorbée	(A)			9.68	10.6	11.6	12.6	13.8		
	4 Tc	(°C)			53.7	55.5	57.3	59.3	61.4		

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TAGT4561ZHR-TZ	Tension TZ : 400V 3~ 50Hz / 440V 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

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50 Hz R448A (*)

N°6967

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
32	1 P frigorifique	(Watt)		4193	5564	7104	8812	10680	12697	14849	17127
	2 P absorbée	(W)		2934	3362	3813	4296	4821	5399	6038	6749
	3 I absorbée	(A)		6.82	7.34	7.93	8.58	9.32	10.1	11.0	12.1
	4 Tc	(°C)		33.9	35.8	37.9	40.2	42.7	45.4	48.2	51.1
38	1 P frigorifique	(Watt)		3562	4848	6276	7850	9567	11425	13418	15546
	2 P absorbée	(W)		2904	3374	3862	4378	4932	5535	6194	6921
	3 I absorbée	(A)		6.80	7.36	7.99	8.69	9.46	10.3	11.3	12.3
	4 Tc	(°C)		39.4	41.2	43.2	45.4	47.8	50.3	52.9	55.7
46	1 P frigorifique	(Watt)			3881	5176	6585	8114	9771		
	2 P absorbée	(W)			3320	3872	4444	5048	5692		
	3 I absorbée	(A)			7.35	8.04	8.79	9.61	10.5		
	4 Tc	(°C)			48.4	50.4	52.4	54.6	56.9		

50 Hz R449A (*)

N°5732

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
32	1 P frigorifique	(Watt)		4195	5566	7108	8817	10687	12705	14859	17139
	2 P absorbée	(W)		2934	3362	3813	4296	4821	5399	6038	6749
	3 I absorbée	(A)		6.82	7.34	7.93	8.58	9.32	10.1	11.0	12.1
	4 Tc	(°C)		34.0	35.8	37.9	40.2	42.7	45.3	48.1	51.1
38	1 P frigorifique	(Watt)		3563	4850	6279	7854	9573	11431	13426	15555
	2 P absorbée	(W)		2904	3374	3862	4378	4932	5535	6194	6921
	3 I absorbée	(A)		6.80	7.36	7.99	8.69	9.46	10.3	11.3	12.3
	4 Tc	(°C)		39.4	41.2	43.2	45.4	47.8	50.2	52.9	55.6
46	1 P frigorifique	(Watt)			3883	5178	6588	8118	9776		
	2 P absorbée	(W)			3320	3872	4444	5048	5692		
	3 I absorbée	(A)			7.35	8.04	8.79	9.61	10.5		
	4 Tc	(°C)			48.4	50.3	52.4	54.6	56.8		

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

(*) Veuillez vous référer strictement aux Recommandations d'Utilisation et Bulletins Marketing Tecumseh du fait de la température de reflux 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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