



Compressor
Voltage Code : FZ

AE4450Y-FZ1C

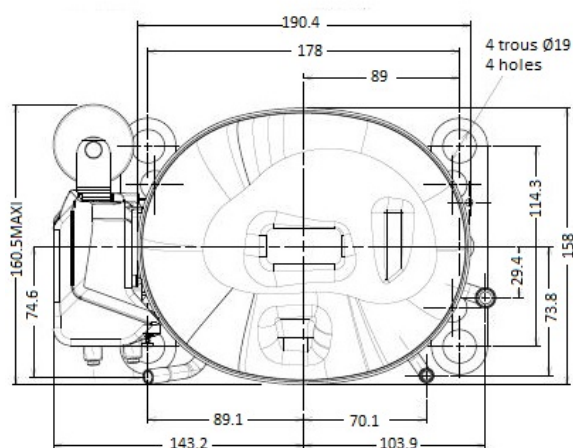
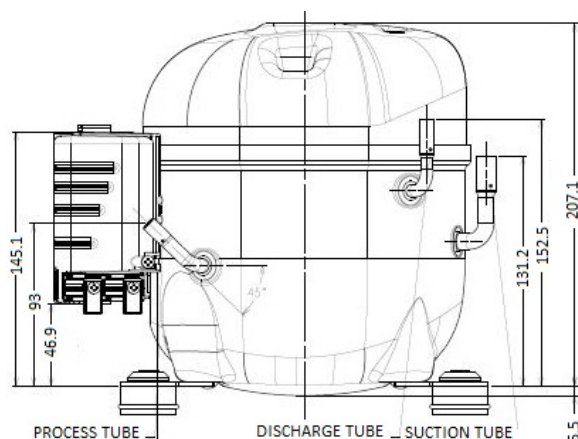
High Temp. Commercial (HP)

220 - 240V 1~ 50 Hz

R134a

AE4450Y-FZ1C_BR

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN12900 / R134a	50 Hz	1180	4022	



* EN12900 : T°Cond. 50.0°C / T°Evap. 5.0°C / T°Return gas temp.. 20.0°C
T°Subcooling. 0.0K

Certificates :



Displacement (cc)	13.24
Net Weight (Kg)	11.7
Oil Quantity (cc)	380.0
Oil Type	Polyolester
Expansion Device	Capillary_Tube/Expansion_Valve
Cooling	Fan
Main Winding (Ohm)	4.8
Start Winding (Ohm)	18.2
Current	
RLA (A)	3.2
LRA (A)	17
Electrical Equipment	CSIR
Overload	T0616
Time Check	2.8s - 5.2s / 18 A
Open Temp	130° C
Close Temp	61° C
Start Capacitor	88 µF / 250 V
Current Relay	MTRP0012
Pick Up	8,5A
Drop Out	7,15A
Refrigerating connection for OD	
Suction Tube	9.5 (3/8")
Discharge Tube	6.35 (1/4")
Process Tube	6.35 (1/4")

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

AE4450Y-FZ1C	Tension FZ : 220 - 240V 1~ 50 Hz
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Les performances sont données dans les **conditions EN12900** :
Condition Dew

Gaz aspirés : 20.0 °C
Sous refroidissement : 0.0 K

The performance data are in **EN12900 conditions** :
Dew Condition

Return gas : 20.0 °C
Subcooling : 0.0 K

50 Hz R134a

N°3079

4 T condensation	5 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	1 P frigorifique	(Watt)	386	510	656	828	1032	1269	1546	1864	2229
	2 P absorbée	(W)	241	271	299	326	353	381	412	447	487
	3 I absorbée	(A)	2.19	2.26	2.33	2.41	2.49	2.59	2.68	2.79	2.90
40	1 P frigorifique	(Watt)	322	437	569	725	907	1119	1365	1650	1976
	2 P absorbée	(W)	244	285	322	356	390	424	459	497	538
	3 I absorbée	(A)	2.16	2.26	2.37	2.49	2.61	2.74	2.88	3.02	3.17
50	1 P frigorifique	(Watt)		364	482	619	779	964	1180	1429	1716
	2 P absorbée	(W)		288	337	382	426	468	510	554	600
	3 I absorbée	(A)		2.26	2.41	2.57	2.73	2.90	3.07	3.25	3.44
60	1 P frigorifique	(Watt)			398	516	652	810	993	1206	1453
	2 P absorbée	(W)			341	401	457	510	563	616	670
	3 I absorbée	(A)			2.45	2.65	2.85	3.05	3.27	3.48	3.71

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

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