



Compressor
Voltage Code : FZ

AE4440U-FZ1A

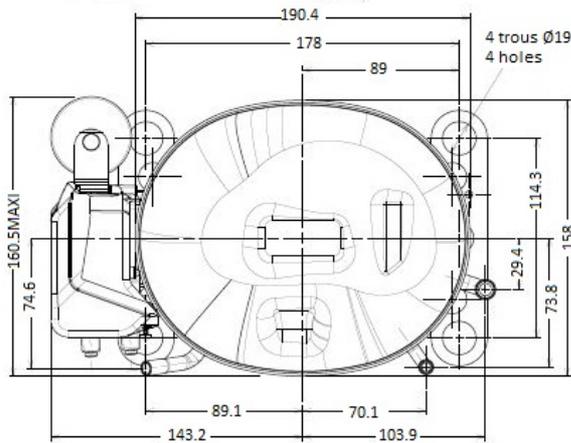
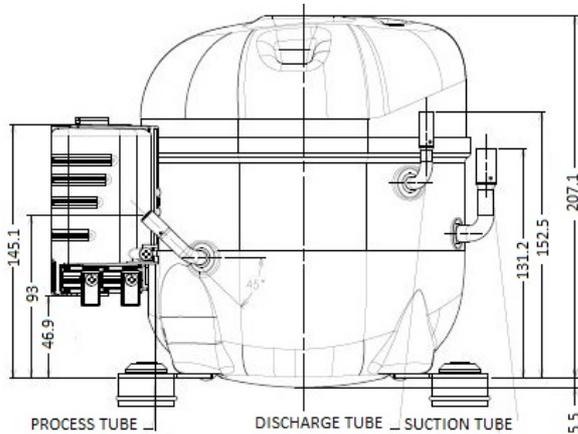
High Temp. Commercial (HP)

220 - 240V 1~ 50 Hz

R290

AE4440U-FZ1A

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
Standard TE / R290	50 Hz	968	3300	59 dBA



* Standard TE : T°Cond. 54.5°C / T°Evap. 7.2°C / T°Superheat. 11.0°C
T°Subcooling. 8.3K

Certificates :



Displacement (cc)	8,02
Net Weight (Kg)	10.3
Oil Quantity (cc)	280.0
Oil Type	Polyolester
Expansion Device	Capillary_Tube/Expansion_Valve
Cooling	Fan
Main Winding (Ohm)	8.24
Start Winding (Ohm)	24.11
Current	
RLA (A)	2.4
MCC (A)	2,9
LRA (A)	12.5
Electrical Equipment	
	CSIR
Overload	
	MRA6000
Time Check	6.5s - 16s / 09.2 A
Open Temp	120° C
Close Temp	52° C
Start Capacitor	
	64 µF / 250 V
Current Relay	
	9660D***-143
Pick Up	6.80A
Drop Out	5.75A
Refrigerating connection for	
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.



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AE4440U-FZ1A	Tension FZ : 220 - 240V 1~ 50 Hz
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Les performances sont données dans les conditions Standard TE :	Surchauffe :	11.0 K
Condition Dew	Sous refroidissement :	8.3 K
The performance data are in Standard TE conditions :	Superheat :	11.0 K
Dew Condition	Subcooling :	8.3 K

50 Hz R290

N°3059

4 T condensation	5 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	1 P frigorifique	(Watt)	334	433	552	694	862	1061	1293	1563	1874
	2 P absorbée	(W)	220	236	250	262	271	275	275	269	257
	3 I absorbée	(A)	1.73	1.79	1.83	1.86	1.89	1.90	1.90	1.89	1.87
40	1 P frigorifique	(Watt)		373	478	602	749	922	1125	1362	1637
	2 P absorbée	(W)		256	275	293	309	321	330	334	333
	3 I absorbée	(A)		1.82	1.89	1.95	2.00	2.04	2.07	2.09	2.10
50	1 P frigorifique	(Watt)			407	513	639	786	961	1165	1404
	2 P absorbée	(W)			299	322	344	364	380	393	402
	3 I absorbée	(A)			1.96	2.05	2.13	2.20	2.25	2.30	2.34
60	1 P frigorifique	(Watt)				429	533	656	802	973	1176
	2 P absorbée	(W)				353	379	405	429	450	468
	3 I absorbée	(A)				2.15	2.25	2.35	2.44	2.52	2.58

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

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