



Compressor
Voltage Code : FZ

AE2425Z-FZ3C

Low Temp. Commercial (BP)

220 - 240V 1~ 50 Hz

R404A

AE2425Z-FZ3C

Operating conditions : Tropical... / 50 Hz / Dew

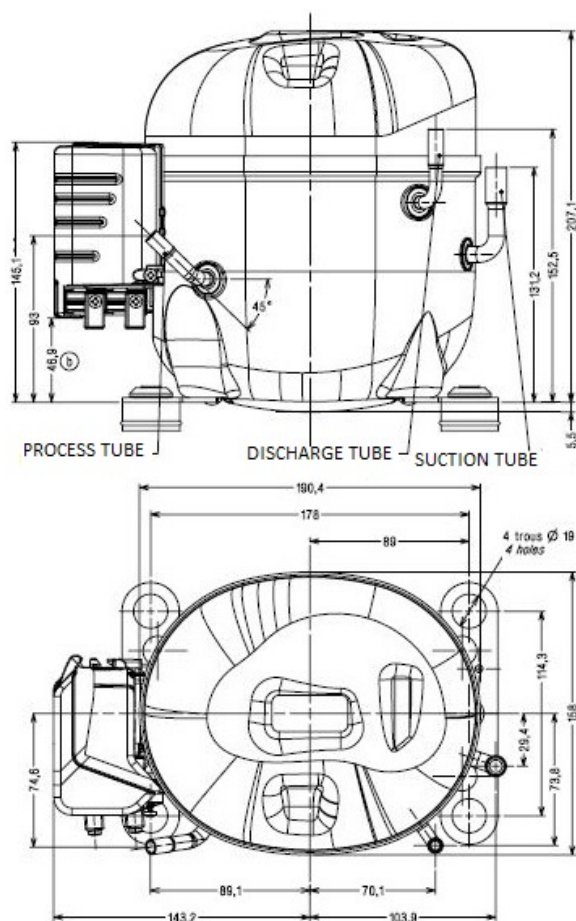
Sound Power
ISO3745 / ISO 3743-1

Evaporating Temp. : -25.0 °C
Superheat : 45.0 K
Return gas temp. : 20.0 °C
Condensing Temp. : 50.0 °C
Subcooling : 0.00 K
Liquid : 49.7 °C

Refrig. Capacity : 461 Watt

Power Input : 439 Watt
Amps : 2.23 A
C.O.P : 1.05 Watt/W

53 dBA



Displacement (cc) 12
Net Weight (Kg) 11.3
Oil Quantity (cc) 380.0
Oil Type Polyolester
Expansion Device Capillary_Tube or Expansion_Valve
Cooling Fan
Main Winding (Ohm) 4.2
Start Winding (Ohm) 11.7

Current
RLA (A) 2.1
MCC (A) 4
LRA (A) 18.5

Electrical Equipment CSR

Overload T1435
Time Check 6.5s - 16s / 10.0 A
Open Temp 140° C
Close Temp 52° C

Start Capacitor 88 µF / 250 V
Run Capacitor 10 µF / 400 V

Potential Relay RVA4Q**
Pick Up 318/347V
Drop Out 60/121V

Refrigerating connection for
Suction Tube 9.5 (3/8")
Discharge Tube 6.35 (1/4")
Process Tube 6.35 (1/4")

Certificates :

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

Selection program - V4.6_2024205 - 08/08/2024

AE2425Z-FZ3C	Tension FZ : 220 - 240V 1~ 50 Hz
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Les performances sont données dans les conditions EN12900 :	Gaz aspirés : 20.0 °C
Condition Dew	Sous refroidissement : 0.0 K
The performance data are in EN12900 conditions :	Return gas : 20.0 °C
Dew Condition	Subcooling : 0.0 K

50 Hz R404A									
									N°3020
4 T condensation	5 T évaporation	(°C)	-40	-35	-30	-25	-20	-15	-10
30	1 P frigorifique	(Watt)	296	402	530	680	856	1059	1293
	2 P absorbée	(W)	272	311	353	395	437	476	512
	3 I absorbée	(A)	1.55	1.70	1.86	2.02	2.19	2.38	2.57
40	1 P frigorifique	(Watt)	234	329	441	572	723	899	1100
	2 P absorbée	(W)	281	323	369	419	470	522	572
	3 I absorbée	(A)	1.55	1.73	1.93	2.13	2.35	2.57	2.80
50	1 P frigorifique	(Watt)		255	351	461	588	734	902
	2 P absorbée	(W)		334	384	439	498	560	623
	3 I absorbée	(A)		1.76	1.99	2.23	2.49	2.75	3.02
60	1 P frigorifique	(Watt)			259	348	450	566	700
	2 P absorbée	(W)			401	460	525	596	671
	3 I absorbée	(A)			2.04	2.32	2.62	2.91	3.22

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

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