



Compressor
Voltage Code : FZ

AE1420Z-FZ1B

Low Temp. Commercial (BP)

220 - 240V 1~ 50 Hz

R404A

AE1420Z-FZ1B

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

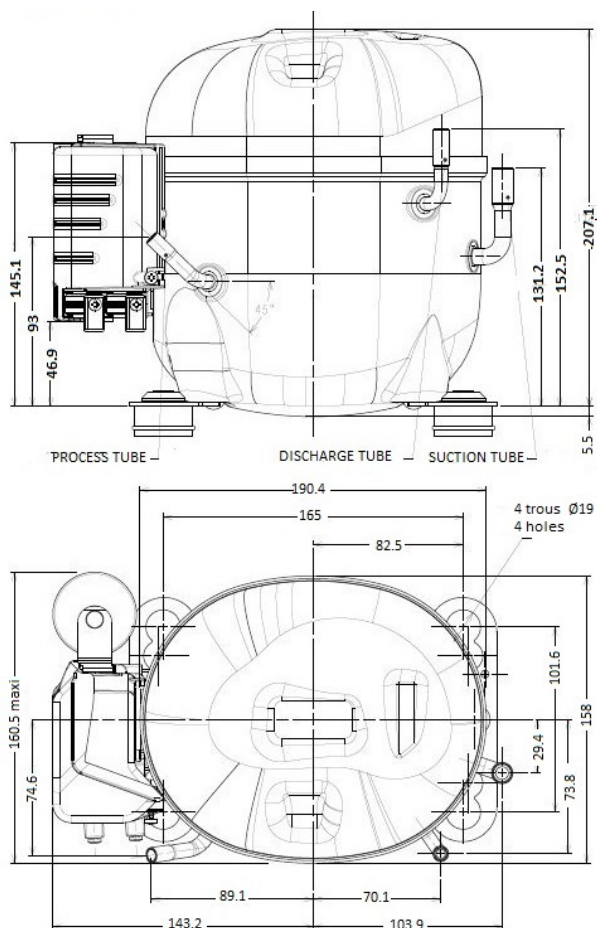
Sound Power
ISO3745 / ISO 3743-1

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 : 345 Watt

Power Input : 346 Watt
Amps : 2.21 A
C.O.P : 1.00 Watt/W

49 dBA



Displacement (cc) 9,3
Net Weight (Kg) 11.2
Oil Quantity (cc) 380.0
Oil Type Polyolester
Expansion Device Capillary_Tube or Expansion_Val
Cooling Fan
Main Winding (Ohm) 3.85
Start Winding (Ohm) 22.47

Current
RLA (A) 2.6
MCC (A) 4,4
LRA (A) 18.5

Electrical Equipment CSIR

Overload T96105
Time Check 6.5s - 16s / 11.5 A
Open Temp 130° C
Close Temp 52° C

Start Capacitor 88 µF / 330 V

Current Relay 9660D***-154
Pick Up 8.40A
Drop Out 7.00A

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

Certificates :

AE1420Z-FZ1B	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°3001
4 T condensation	5 T évaporation	(°C)	-40	-35	-30	-25	-20	-15	-10
30	1 P frigorifique	(Watt)	224	305	404	522	661	824	1012
	2 P absorbée	(W)	214	246	279	312	345	378	411
	3 I absorbée	(A)	1.83	1.89	1.97	2.07	2.19	2.32	2.46
40	1 P frigorifique	(Watt)	175	246	332	434	555	695	858
	2 P absorbée	(W)	215	252	291	331	372	414	456
	3 I absorbée	(A)	1.79	1.89	2.01	2.14	2.29	2.46	2.64
50	1 P frigorifique	(Watt)		188	260	345	445	563	699
	2 P absorbée	(W)		253	299	346	395	446	499
	3 I absorbée	(A)		1.88	2.04	2.21	2.39	2.59	2.81
60	1 P frigorifique	(Watt)			188	255	334	427	537
	2 P absorbée	(W)			303	359	417	478	541
	3 I absorbée	(A)			2.05	2.26	2.48	2.72	2.97

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

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