



Compressor
Voltage Code : XG

FH2511Z-XG

Low Temp. Commercial (BP)

380-420V 3~ 50Hz / 460V 3~ 60 Hz

R404A

FH2511Z-XG1A

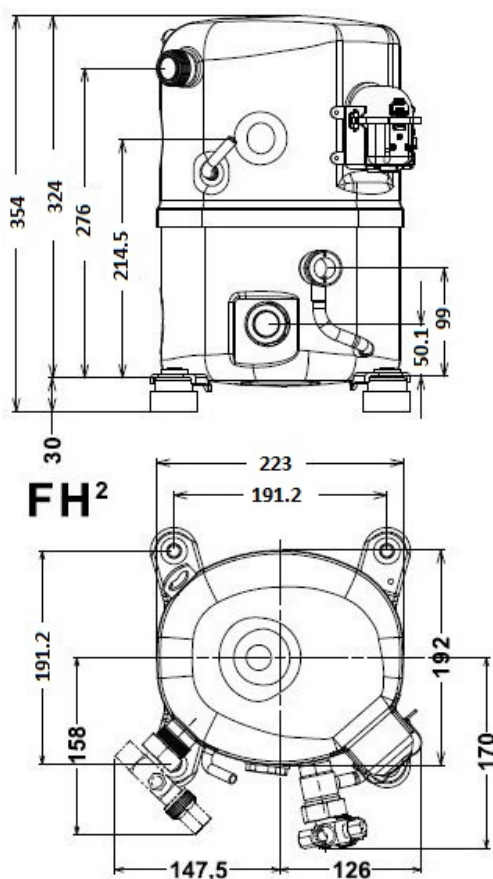
Operating conditions : Tropical... / 50 Hz / Dew

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 : 2512 Watt
Power Input : 2147 Watt
Amps : 3.93 A
C.O.P : 1.17 Watt/W

74 dBA



Displacement (cc) 68
Net Weight (Kg) 31.0
Oil Quantity (cc) 1140.0
Oil Type Polyolester
Expansion Device Capillary_Tube/Expansion_Valve
Cooling Fan
Main Winding (Ohm) 3.8

Current
RLA (A) 4.2 | 4
MCC (A) 8.3
LRA (A) 39

Electrical Equipment TRI

Overload Interne

Refrigerating connection for
Suction Tube 15.9 (5/8")
Discharge Tube 12.7 (1/2")
Process Tube 6.35 (1/4")

Certificates :

FH2511Z-XG	Tension XG : 380-420V 3~ 50Hz / 460V 3~ 60 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°User-217

4 T condensation	5 T évaporation	(°C)	-40	-35	-30	-25	-20	-15	-10
30	1 P frigorifique	(Watt)	1533	2217	3060	4078	5291	6717	8373
	2 P absorbée	(W)	1231	1505	1775	2037	2284	2512	2714
	3 I absorbée	(A)	3.25	3.40	3.57	3.75	3.96	4.18	4.42
40	1 P frigorifique	(Watt)	1065	1671	2410	3301	4363	5612	7068
	2 P absorbée	(W)	1154	1475	1801	2126	2444	2751	3041
	3 I absorbée	(A)	3.19	3.40	3.63	3.88	4.16	4.44	4.75
50	1 P frigorifique	(Watt)		1132	1758	2512	3411	4475	5721
	2 P absorbée	(W)		1376	1758	2147	2537	2924	3301
	3 I absorbée	(A)		3.31	3.61	3.93	4.27	4.62	5.00
60	1 P frigorifique	(Watt)			1128	1733	2461	3328	4353
	2 P absorbée	(W)			1642	2095	2558	3025	3490
	3 I absorbée	(A)			3.50	3.88	4.29	4.71	5.15

60 Hz R404A

N°User-217

4 T condensation	5 T évaporation	(°C)	-40	-35	-30	-25	-20	-15	-10
30	1 P frigorifique	(Watt)	1695	2451	3382	4508	5848	7424	9255
	2 P absorbée	(W)	1340	1638	1932	2216	2485	2733	2954
	3 I absorbée	(A)	2.90	3.03	3.18	3.35	3.53	3.73	3.94
40	1 P frigorifique	(Watt)	1177	1846	2663	3649	4822	6203	7812
	2 P absorbée	(W)	1255	1605	1959	2313	2660	2994	3309
	3 I absorbée	(A)	2.84	3.03	3.24	3.46	3.70	3.96	4.23
50	1 P frigorifique	(Watt)		1252	1943	2776	3770	4946	6323
	2 P absorbée	(W)		1498	1913	2336	2761	3182	3592
	3 I absorbée	(A)		2.95	3.22	3.50	3.80	4.12	4.45
60	1 P frigorifique	(Watt)			1247	1916	2720	3678	4811
	2 P absorbée	(W)			1787	2280	2783	3291	3798
	3 I absorbée	(A)			3.12	3.46	3.82	4.20	4.59

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

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

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