

Compressor
Voltage Code : XC

FH4538Z-XC

High Temp. Commercial (HP)

220 - 240V 1~ 50 Hz

R404A

FH4538Z-XC3A

Operating conditions : **Customized... / 50 Hz / Dew**

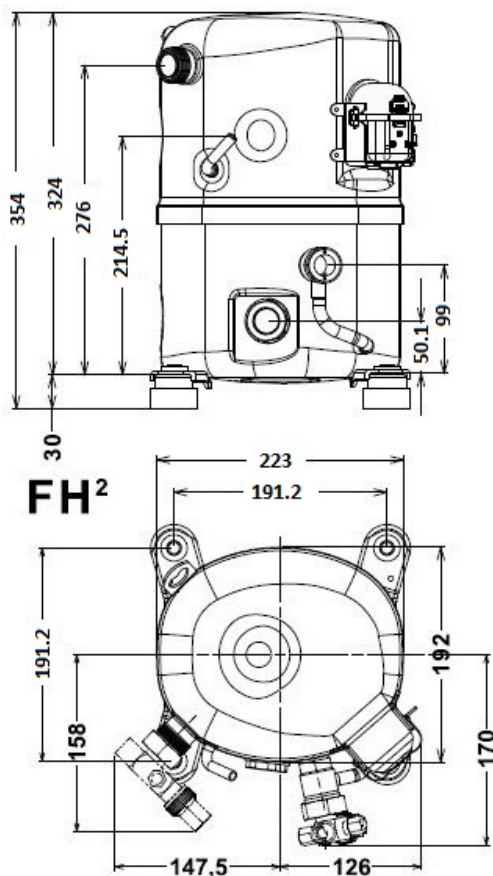
Sound Power
ISO3745 / ISO 3743-1

Evaporating Temp. : 0.00 °C
Superheat : 6.50 K
Return gas temp. : 0.00 °C
Condensing Temp. : 45.0 °C
Subcooling : 20.2 K
Liquid : 24.5 °C

Refrig. Capacity : **9174 Watt**

Power Input : 2854 Watt
Amps : 13.4 A
C.O.P : 3.21 Watt/W

75 dBA



Displacement (cc) 63
Net Weight (Kg) 32.0
Oil Quantity (cc) 1140.0
Oil Type Polyolester
Expansion Device Capillary_Tube/Expansion_Valve
Cooling Fan
Main Winding (Ohm) 0.79
Start Winding (Ohm) 2.71

Current
RLA (A) 16
MCC (A) 26
LRA (A) 78

Electrical Equipment CSR

Overload Interne
Start Capacitor 145 µF / 330 V
Run Capacitor 50 µF / 400 V

Potential Relay RVA4G**
Pick Up 180/195V
Drop Out 40/105V

Refrigerating connection for
Suction Tube 22.2 (7/8")
Discharge Tube 12.7 (1/2")
Process Tube 6.35 (1/4")

Certificates :



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

FH4538Z-XC	Tension XC : 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 R404A

N°User-320

4 T condensation	5 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
30	1 P frigorifique	(Watt)	3111	4068	5186	6490	8002	9748	11751	14035	16624
	2 P absorbée	(W)	1638	1833	2003	2148	2267	2360	2425	2463	2472
	3 I absorbée	(A)	8.17	8.90	9.61	10.3	10.9	11.3	11.7	11.9	11.9
40	1 P frigorifique	(Watt)	2429	3306	4301	5439	6742	8236	9943	11889	14096
	2 P absorbée	(W)	1669	1922	2152	2360	2544	2705	2841	2952	3037
	3 I absorbée	(A)	8.38	9.33	10.3	11.2	12.0	12.7	13.4	13.9	14.2
50	1 P frigorifique	(Watt)		2517	3374	4329	5408	6633	8030	9621	11431
	2 P absorbée	(W)		1960	2248	2516	2764	2991	3196	3378	3538
	3 I absorbée	(A)		9.53	10.7	11.9	13.0	14.1	15.0	15.8	16.5
60	1 P frigorifique	(Watt)			2438	3196	4034	4976	6046	7268	8665
	2 P absorbée	(W)			2310	2637	2946	3237	3508	3760	3992
	3 I absorbée	(A)			10.8	12.3	13.8	15.1	16.4	17.6	18.6

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

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