



Tecumseh

Compressor
Voltage Code : XC

FH2480Z-XC

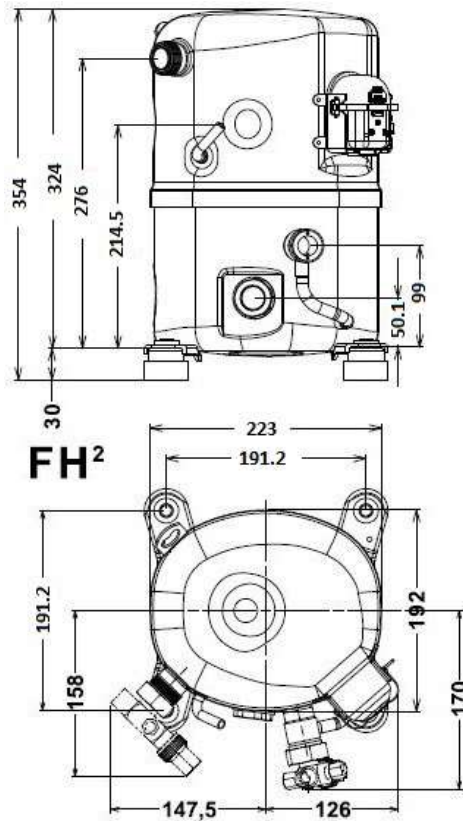
Low Temp. Commercial (BP)

220 - 240V 1~ 50 Hz

R449A

FH2480Z-XC3A

Operating conditions : Customized... / 50 Hz / Mid		Sound Power ISO3745 / ISO 3743-1
Evaporating Temp. : -25.0 °C Superheat : 5.20 K Return gas temp. : -18.0 °C Condensing Temp. : 45.0 °C Subcooling : 22.5 K Liquid : 20.3 °C	Refrig. Capacity : 2346 Watt Power Input : 1491 Watt Amps : 7.25 A C.O.P : 1.57 Watt/W	72 dBA



Displacement (cc)	54,3
Net Weight (Kg)	29.0
Oil Quantity (cc)	1140.0
Oil Type	Polyolester
Expansion Device	Capillary_Tube/Expansion_Valve
Cooling	Fan
Main Winding (Ohm)	0.73
Start Winding (Ohm)	2.07
Current	
RLA (A)	9
MCC (A)	12
LRA (A)	65
Electrical Equipment	CSR
Overload	Interne
Start Capacitor	156 µF / 330 V
Run Capacitor	45 µF / 400 V
Potential Relay	RVA4AL**
Pick Up	223/252V
Drop Out	60/121V
Refrigerating connection for	
Suction Tube	15.9 (5/8")
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.



FH2480Z-XC	Tension XC : 220 - 240V 1~ 50 Hz
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Les performances sont données dans les conditions EN12900 :	Gaz aspirés :	20.0 °C
Condition Mid	Sous refroidissement :	0.0 K
The performance data are in EN12900 conditions :	Return gas :	20.0 °C
Mid Condition	Subcooling :	0.0 K

50 Hz R449A (*)

N°User-195

4 T condensation	5 T évaporation	(°C)	-35	-30	-25	-20	-15	-10
30	1 P frigorifique	(Watt)	1480	2110	2883	3815	4925	6229
	2 P absorbée	(W)	1115	1330	1542	1745	1935	2107
	3 I absorbée	(A)	6.39	6.84	7.33	7.85	8.39	8.98
40	1 P frigorifique	(Watt)	1085	1642	2327	3156	4148	5319
	2 P absorbée	(W)	1064	1324	1586	1848	2103	2346
	3 I absorbée	(A)	6.24	6.85	7.48	8.15	8.85	9.57
50	1 P frigorifique	(Watt)	697	1177	1770	2492	3361	4395
	2 P absorbée	(W)	953	1257	1570	1889	2209	2524
	3 I absorbée	(A)	5.85	6.63	7.42	8.25	9.10	9.98
60	1 P frigorifique	(Watt)			1230	1841	2584	3477
	2 P absorbée	(W)			1487	1864	2248	2634
	3 I absorbée	(A)			7.13	8.12	9.13	10.2

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

(*) Veuillez vous référer strictement aux Recommandations d'Utilisation et Bulletins Marketing Tecumseh du fait de la température de refoulement élevée pour les applications LBP.

(*) Due to very high discharge temperature especially on LBP conditions, please strictly refer to Tecumseh Guidelines & Marketing Bulletin when using this refrigerant.

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