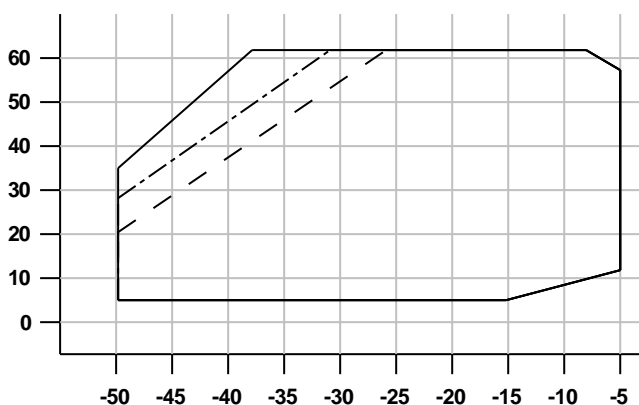


50Hz

4MF-13X

R404A Dew Point



Minimum evaporating temp. with:

- 20K Suction Superheat
- - - 20°C Suction Gas Return
- · - · 0°C Suction Gas Return

Suction Return Temperature 20.0°C

Evaporating Temperature °C

Liquid subcooling 0.0K

Cond °C	Capacity kW									
	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5
5										
10										
20										
30										
40										
50										
55										
60										
62										
	Power Input kW									
	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5
5										
10										
20										
30										
40										
50										
55										
60										
62										
	Current 400V, A									
	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5
5										
10										
20										
30										
40										
50										
55										
60										
62										
	Mass Flow g/s									
	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5
5										
10										
20										
30										
40										
50										
55										
60										
62										

50Hz

4MF-13X

R404A Dew Point

DWM Copeland - Compressor - Stream - Standard

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Number of cylinders	4
Displacement @ 50 Hz, cu.m/h	61.7
Bore/Stroke, mm	63.5/56.0
Length/Width, mm	638/501
Height, mm	452
Net Weight, kg	177
Suction, inch	1 5/8
Discharge, inch	1 1/8
Oil Quantity, l	3.3
Base mounting (hole dia), mm	381 x 305 (18.0)
Sound Pressure @ 1m (LT), dBA	70
Sound Pressure @ 1m (MT), dBA	68
Sound Power (LT), dBA	81
Sound Power (MT), dBA	79
Sound Power with Sound Shell (LT), dBA	69
Sound Power with Sound Shell (MT), dBA	67
High Side PS, bar(g)	32.5
Low Side PS, bar(g)	22.5

COMPRESSOR ELECTRICAL DATA (380/420V - 3~ - 50Hz)

Maximum Operating Current, A	30.8
Locked Rotor Current, A	105
Default Enclosure Class	IP 54 (IEC 34)

ACCESSORIES INCLUDED

Mounting Parts	Spring
CoreSense Diagnostics (-D)	Oil pressure, motor and discharge line temperature protection; adv
CoreSense Protection (-P)	Motor protection
Oil Pressure Switch (-P)	OPS2 Sensor

ACCESSORIES OPTIONAL

Additional Cooling	70 W Vertical Air Flow Fan
Capacity Control	Capacity Steps 50 %
Crankcase Heater	100 W Internal
Oil Pressure Switch	OPS2 Electronic Switch
Adapter Kit	For Parallel Operation
Check Valve (NRV)	For unloaded start operation
Sound Attenuation	Sound Shell
Inverter	Emerson Industrial Automation, Unidrive M200 06 400 420
Mounting Parts	Rubber

MOTOR OPTIONS

Power Supply	Nominal Voltage	Motor Code	Start Connection	DOL Connection	Amps Factor
380-420 V/3~/50H	400	AWM	YY/Y	Y	1.00
220-240 V/3~/50H	230	EWL	Y/DELTA	DELTA	1.73
380-420 V/3~/50H	400	EWL		Y	1.00
380-420 V/3~/50H	400	EWM	Y/DELTA	DELTA	1.00
220-240 V/3~/50H	230	AWR	YY/Y	Y	1.73
500-550 V/3~/50H	525	AWY	YY/Y	Y	0.76
220-240 V/3~/60H	230	EWK	Y/DELTA	DELTA	2.10
380-420 V/3~/60H	380	EWK		Y	1.20
440-480 V/3~/60H	460	EWD	Y/DELTA	DELTA	1.00
208-230 V/3~/60H	230	AWC	YY/Y	Y	2.19
380 V/3~/60Hz	380	AWX	YY/Y	Y	1.20
440-480 V/3~/60H	460	AWD	YY/Y	Y	1.00