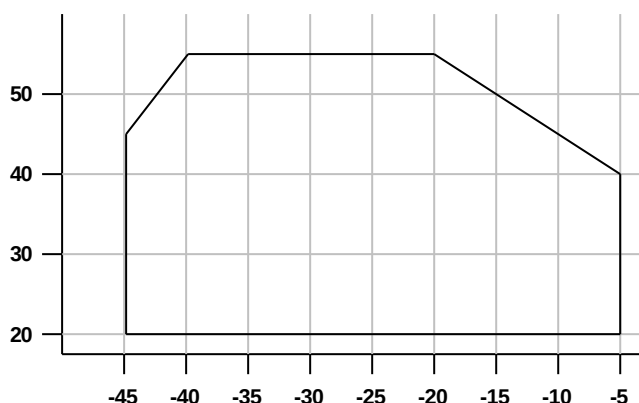


50Hz

DLHA-50X

R404A



Suction Return Temperature 20.0°C

Evaporating Temperature °C

Liquid subcooling 0.0K

Cond °C	Capacity kW								
	-45	-40	-35	-30	-25	-20	-15	-10	-5
20	3.78	5.10	6.71	8.65	10.95	13.60	16.70	20.20	24.20
25	3.40	4.65	6.17	7.99	10.15	12.65	15.55	18.85	22.60
30	3.04	4.21	5.64	7.35	9.36	11.70	14.45	17.55	21.10
35	2.69	3.79	5.12	6.71	8.58	10.80	13.30	16.20	19.50
40	2.34	3.37	4.60	6.08	7.82	9.85	12.20	14.90	18.00
45	2.01	2.96	4.10	5.45	7.06	8.94	11.10	13.60	
50		2.55	3.60	4.84	6.31	8.03	10.05		
55		2.16	3.11	4.23	5.57	7.13			
	Power Input kW								
	-45	-40	-35	-30	-25	-20	-15	-10	-5
20	2.66	3.07	3.48	3.87	4.23	4.57	4.87	5.12	5.33
25	2.67	3.13	3.59	4.04	4.46	4.87	5.24	5.57	5.86
30	2.66	3.16	3.67	4.17	4.65	5.12	5.56	5.96	6.33
35	2.63	3.17	3.71	4.26	4.80	5.33	5.83	6.31	6.76
40	2.57	3.15	3.73	4.33	4.92	5.50	6.07	6.62	7.13
45	2.50	3.11	3.73	4.37	5.01	5.64	6.27	6.88	
50		3.06	3.71	4.39	5.07	5.76	6.44		
55		2.99	3.68	4.39	5.11	5.84			
	Current 400V, A								
	-45	-40	-35	-30	-25	-20	-15	-10	-5
20	7.02	7.39	7.81	8.23	8.64	8.99	9.27	9.43	9.46
25	6.96	7.37	7.84	8.33	8.83	9.29	9.69	9.99	10.18
30	6.93	7.37	7.88	8.44	9.02	9.58	10.09	10.53	10.87
35	6.91	7.37	7.93	8.54	9.19	9.85	10.48	11.05	11.53
40	6.90	7.37	7.96	8.63	9.35	10.09	10.83	11.52	12.15
45	6.88	7.36	7.98	8.69	9.47	10.30	11.13	11.94	
50		7.33	7.96	8.72	9.56	10.46	11.38		
55		7.26	7.91	8.70	9.59	10.56			
	Mass Flow g/s								
	-45	-40	-35	-30	-25	-20	-15	-10	-5
20	22.90	31.00	41.00	53.00	67.30	84.00	104.00	126.50	153.00
25	21.60	29.70	39.50	51.30	65.50	82.00	101.50	124.00	150.00
30	20.30	28.30	38.00	49.60	63.60	80.00	99.50	121.50	147.50
35	19.00	26.80	36.40	47.90	61.60	78.00	97.00	119.00	145.00
40	17.60	25.30	34.70	46.10	59.60	75.50	94.50	116.50	142.00
45	16.00	23.70	33.00	44.20	57.60	73.40	92.00	114.00	
50		22.10	31.30	42.30	55.40	71.10	89.50		
55		20.30	29.40	40.30	53.30	68.90			

50Hz**DLHA-50X****R404A****DWM Copeland - Compressor - Refrigeration - Previous Gen.****COMPRESSOR MECHANICAL AND PHYSICAL DATA**

Number of cylinders	2
Displacement @ 50 Hz, cu.m/h	26.6
Bore/Stroke, mm	61.9/50.8
Length/Width, mm	515/330
Height, mm	385
Net Weight, kg	95
Gross Weight, kg	101
Suction, inch	1 1/8
Discharge, inch	7/8
Oil Quantity, l	1.6
Frequency Range, Hz	25 - 60
Base mounting (hole dia), mm	295 x 279 (14.0)
High Side PS, bar(g)	28
Low Side PS, bar(g)	22.5

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

Maximum Operating Current, A	12.4
Locked Rotor Current, A	85.3
Default Enclosure Class	IP 54 (IEC 34)

ACCESSORIES INCLUDED

Oil Pressure Switch	OPS2 Sensor
Mounting Springs	4

ACCESSORIES OPTIONAL

Additional Cooling	70W Vertical Air Flow Fan
Crankcase Heater	70W Internal
Oil Pressure Switch	OPS2 Electronic Switch
Unloaded start	Available
Adapter Kit	For Parallel Operation
Check Valve (NRV)	For unloaded start operation

MOTOR OPTIONS

Power Supply	Nominal Voltage	Motor Code	Start Connection	DOL Connection	Amps Factor
380-420 V/3~/50H	400	EWL		Y	1.00
220-240 V/3~/50H	230	EWL	Y/DELTA	DELTA	1.73
380-420 V/3~/50H	400	EWM	Y/DELTA	DELTA	1.00
220-240 V/3~/60H	230	EWK	Y/DELTA	DELTA	2.09
380-420 V/3~/60H	380	EWK		Y	1.26
440-480 V/3~/60H	460	EWD	Y/DELTA	DELTA	1.00