

Model: H8-LL-40X

Data

Type: Condensing units with air cooled condenser and semi-hermetic piston compressor
Producer: Copeland
Series: DL

Model: H8-LL-40X

Condensing unit technical data

Compressor:	DLL-40 X
Liquid receiver capacity [dm³]:	7,5
Weight [kg]:	127
Housing Type:	H

Condenser technical data

Model:	H8
Air flow [m³/s]:	0,91
Fan type:	271
Fan current [A]:	1,35

Connections

	<u>milimeters</u>	<u>inches</u>
Suction line:		1 1/8"
Liquid line:		1/2"

Model: H8-LL-40X

Capacity

R22

Cooling capacity [kW]

$t_a \setminus t_e$	-40	-35	-30	-25	-20	-15	-10	-5	0	5
27	2.16	2.90	3.85	5.00	6.25	7.65	9.20	10.80	12.55	14.30
32	1.93	2.65	3.55	4.60	5.80	7.15	8.60	10.15	11.80	-
38	-	2.35	3.20	4.20	5.30	6.55	7.95	9.40	10.90	-
43	-	2.11	2.90	3.85	4.90	6.10	7.40	8.75	-	-
46	-	1.98	2.74	3.65	4.70	5.85	7.10	-	-	-
49	-	1.85	2.59	3.45	4.45	5.55	-	-	-	-

Power input [kW]

$t_a \setminus t_e$	-40	-35	-30	-25	-20	-15	-10	-5	0	5
27	2.01	2.29	2.61	2.95	3.32	3.71	4.12	4.55	5.00	5.45
32	2.01	2.31	2.65	3.01	3.41	3.82	4.27	4.73	5.20	-
38	-	2.33	2.69	3.08	3.50	3.96	4.44	4.94	5.45	-
43	-	2.34	2.72	3.13	3.58	4.06	4.57	5.10	-	-
46	-	2.34	2.73	3.16	3.63	4.13	4.66	-	-	-
49	-	2.35	2.75	3.19	3.67	4.19	-	-	-	-

Test conditions: 20 °C Suction gas return

t_e - Evaporating temperature [°C]

t_a - Ambient temperature [°C]

Model: H8-LL-40X

Capacity

R404A/R507

Cooling capacity [kW]

$t_a \setminus t_e$	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
27	1.64	2.34	3.15	4.10	5.20	6.40	7.70	9.15	10.70	12.30
32	1.39	2.04	2.80	3.70	4.70	5.80	7.05	8.40	9.80	-
38	1.09	1.69	2.39	3.20	4.10	5.10	6.25	7.45	-	-
43	-	1.40	2.04	2.78	3.60	4.55	-	-	-	-
46	-	1.23	1.84	2.53	3.30	-	-	-	-	-
49	-	1.06	1.63	2.29	-	-	-	-	-	-

Power input [kW]

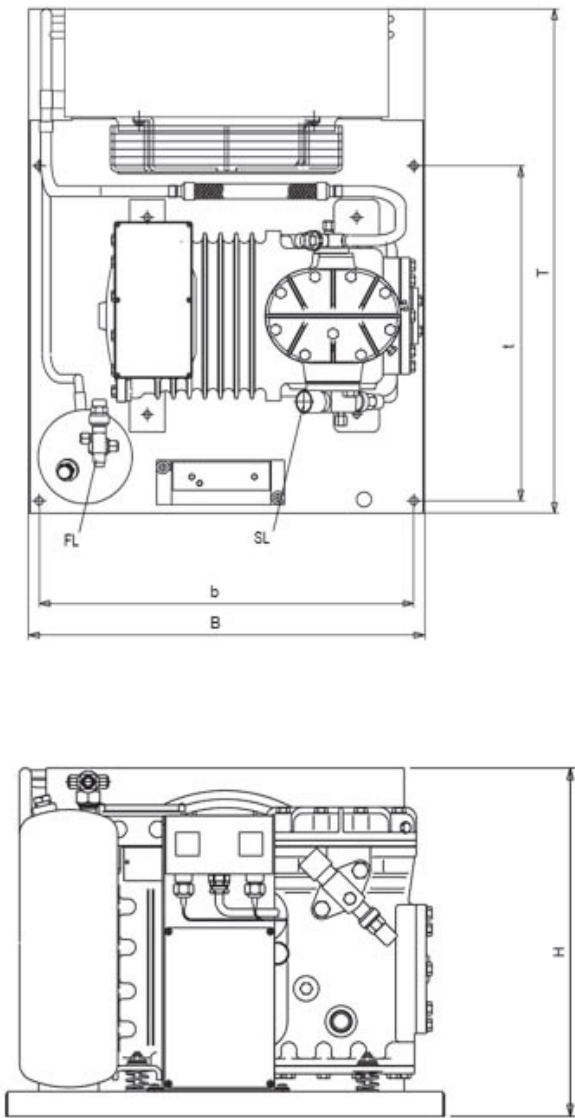
$t_a \setminus t_e$	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
27	1.85	2.14	2.46	2.81	3.20	3.61	4.06	4.56	5.10	5.70
32	1.79	2.11	2.47	2.85	3.26	3.71	4.20	4.73	5.30	-
38	1.68	2.04	2.43	2.85	3.30	3.79	4.32	4.89	-	-
43	-	1.92	2.35	2.80	3.29	3.82	-	-	-	-
46	-	1.82	2.27	2.75	3.26	-	-	-	-	-
49	-	1.70	2.17	2.67	-	-	-	-	-	-

Test conditions: 20 °C Suction gas return

t_e - Evaporating temperature [°C]

t_a - Ambient temperature [°C]

Model: H8-LL-40X
Dimensions



T	680 mm
B	735 mm
H	533 mm
t	700 mm
b	370 mm
Ø	14 mm

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Image

