

Helpman LEX 14-7

Specifications

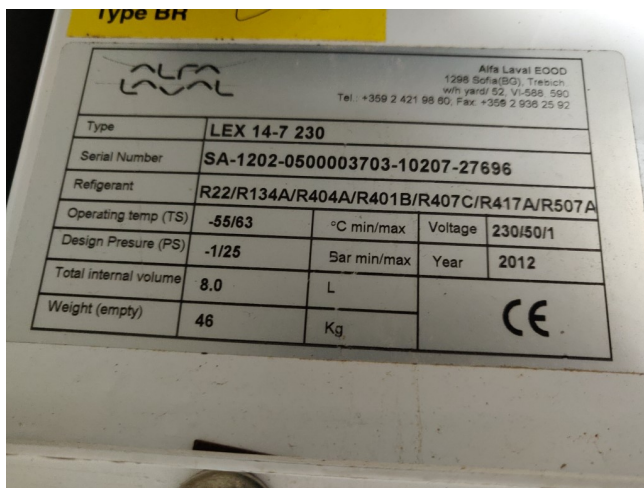
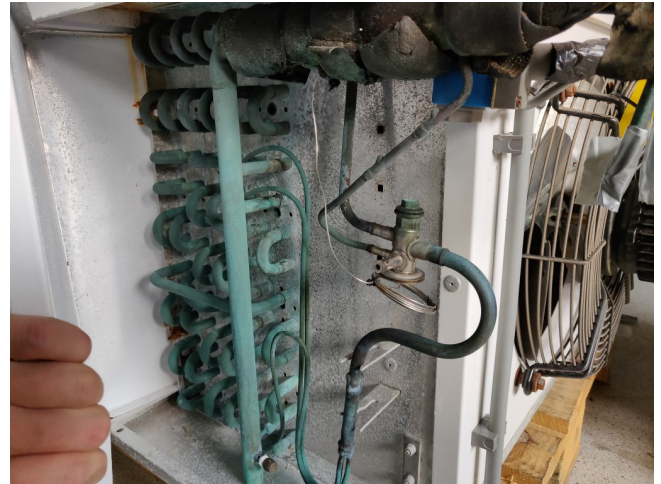
Brand	Helpman
Type	LEX 14-7
kW	6
Refrigerant	Freon
Number of Fans	1
Fin Space in mm	7
Defrosting	None
m ³ /h	3.540
Sizes	970x692x710mm
Remarks	6kW at 8K // based on R404A // YOB 2012
Volume	8 dm ³
Weight	46kg
Stock	1



Description

Used Helpman LEX 14-7

Used helpman LEX 14-7 · Size 970x692x710mm (LxWxH) · Weight: 46Kg · Fin space: 7 · m³/h: 3.540 · Fans: 1 · Hertz fans: 50Hz · refrigerant R404A · **All components of this used evaporator will be tested on good working, leak free condition (electro engines), coils, bearings) Choosing HOSBV means buying with warranty. We perform a industrial cleaning and rust spots will be covered. Also, we can arrange your shipment.



Blow Through Unit Coolers 1.5 - 40 kW

Dimensions / Connections												
Cooler type	Dimensions mm							Shipp. vol.		Cooler weight		Refrig. conn.
	A	B	D	F	G	H	K	m ³	kg	kg	m ²	inlet / outlet
LEX 2-*	598	412	485	385	-	360	380	0.3	18	17	7.7	1/2" 1/2"
LEX 4-*	698	472	495	395	-	430	440	0.3	22	21	11.2	3/8" 3/8"
LEX 6-*	698	472	605	503	-	430	440	0.3	27	25	16.8	1/2" 1/2"
LEX 8-*	798	602	640	503	-	505	570	0.6	38	35	26.1	1/2" 22 mm
LEX 10-*	1105	820	495	395	-	430	880	0.5	38	32	22.4	1/2" 22 mm
LEX 12-*	1105	820	605	503	-	430	880	0.5	42	38	33.6	1/2" 28 mm
LEX 14-*	1105	820	712	503	-	430	880	0.6	50	46	35.2	1/2" 28 mm
LEX 16-*	1110	792	750	520	35	675	750	0.7	55	51	36.4	1/2" 28 mm
LEX 18-*	1480	1180	590	520	35	520	1140	1.0	71	65	52.2	3/4" 35 mm
LEX 20-*	1540	1360	710	520	35	600	1320	1.3	95	88	70.5	3/4" 35 mm
LEX 22-*	1880	1560	750	520	35	675	1520	1.7	120	111	92.8	3/4" 42 mm
LEX 24-*	1880	1560	950	520	110	825	1520	2.2	139	128	116.0	3/4" 42 mm
LEX 26-*	2650	2328	750	520	35	675	2290	2.3	172	159	139.8	3/4" 54 mm
LEX 28-*	2650	2328	825	520	110	825	2290	3.0	202	186	174.7	3/4" 54 mm
LEX 30-*	3420	3098	825	520	110	825	3050	3.8	278	256	232.7	3/4" 54 mm

Fans / Electric Defrost												
Cooler type	Fans 50 Hz							Electric defrost		defrost power ³		
	num-ber	dia-meter	air volume	air spacing	air ² throw	sound level	fan power	nominal	number of elements	coil	dispay	reduced
LEX 2-*	1	254	1020	1060	10	48	30/80	30/85	1	1	1.28	-
LEX 4-*	1	305	1490	1570	12	50	30/100	30/100	1	1	1.76	-
LEX 6-*	1	305	1420	1590	12	50	30/100	30/100	2	1	2.64	-
LEX 8-*	1	356	2490	2620	15	53	70/150	90/145	2	1	3.2	-
LEX 10-*	2	305	2070	2130	15	53	30/100	30/100	1	1	3.2	-
LEX 12-*	2	356	2960	3010	15	53	30/100	30/100	2	1	4.8	-
LEX 14-*	4	406	3240	3540	15	57	70/230	90/215	5	1	4.5	3.4
LEX 16-*	1	457	4430	4650	20	60	220/260	250/240	5	1	6.0	4.5
LEX 18-*	2	356	4980	5240	20	56	70/160	90/145	2	1	5.4	-
LEX 20-*	2	406	6730	7080	20	60	70/230	90/215	5	1	8.4	6.3
LEX 22-*	2	457	8600	9200	20	63	220/260	250/240	5	1	13.2	9.9
LEX 24-*	2	508	11000	11600	20	66	220/260	250/240	5	1	13.2	9.9
LEX 26-*	3	457	13000	14000	20	66	220/260	250/240	5	1	19.2	14.4
LEX 28-*	3	508	16600	17500	20	68	220/260	250/240	5	1	19.2	14.4
LEX 30-*	4	508	22200	23400	20	69	220/260	250/240	10	2	24.0	18.0

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Blow Through Unit Coolers 1.5 - 40 kW **LEX**



Nominal Capacities (kW)

Cooler type	R 22 frost DT ₁	R 134a frost DT ₁	R 404A frost DT ₁	For reference only dry conditions DT ₁		
				R 22	R 134a	R 404A
Fin spacing 4 mm						
LEX 2-4	1.5	1.3	1.5	1.3	1.1	1.3
LEX 4-4	1.9	1.5	1.8	1.7	1.3	1.6
LEX 6-4	2.8	2.4	2.8	2.4	2.1	2.5
LEX 8-4	4.7	4.1	4.7	4.1	3.5	4.1
LEX 10-4	4.7	4.4	4.8	4.1	3.8	4.2
LEX 12-4	5.9	5.6	6.2	5.1	4.9	5.4
LEX 14-4	6.5	6.4	7.1	5.7	5.6	6.2
LEX 16-4	8.7	8.4	9.3	7.5	7.3	8.1
LEX 18-4	9.7	8.7	9.9	8.5	7.6	8.6
LEX 20-4	12.8	10.8	12.7	11.2	9.4	11.0
LEX 22-4	16.1	13.0	15.4	14.0	11.3	13.4
LEX 24-4	20.0	16.1	19.2	17.4	14.0	16.7
LEX 26-4	25.0	23.0	26.0	22.6	20.0	22.6
LEX 28-4	32.8	29.0	33.2	28.5	25.2	28.9
LEX 30-4	40.3	35.5	38.5	35.0	28.3	33.4
Fin spacing 7 mm						
LEX 2-7	1.3	1.2	1.3	1.1	1.0	1.2
LEX 4-7	1.7	1.4	1.7	1.5	1.2	1.4
LEX 6-7	2.5	2.2	2.5	2.2	1.9	2.2
LEX 8-7	4.1	3.7	4.3	3.6	3.3	3.7
LEX 10-7	3.7	3.6	4.0	3.2	3.2	3.5
LEX 12-7	5.0	4.9	5.3	4.4	4.3	4.6
LEX 14-7	5.5	5.5	6.0	4.6	4.4	5.2
LEX 16-7	7.4	7.3	8.0	6.4	6.3	7.0
LEX 18-7	8.5	7.8	8.8	7.4	6.8	7.6
LEX 20-7	11.4	10.0	11.4	9.8	8.7	9.9
LEX 22-7	14.5	12.4	14.3	12.6	10.7	12.4
LEX 24-7	18.1	15.6	17.8	15.7	13.5	15.5
LEX 26-7	22.8	21.2	23.4	19.8	16.4	20.4
LEX 28-7	28.5	26.5	29.3	24.8	23.0	25.3
LEX 30-7	36.5	31.0	35.9	31.7	27.0	31.2

Correction Factors R 404A / DT₁

DT ₁	Evaporating Temperature (t ₀) °C
K	+5 0 -5 -8 -10 -15 -20 -25 -30 -35

Capacities

Frosted Conditions

- Lightly frosted coil
- Relative humidity 85 %
- Suction gas superheating 62 % of the temperature difference (DT₁), with a minimum of 3.5 K
- Refrigerant liquid temperature 30 °C (for t₀ = -20 °C and below liquid temperature

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