



LHV6/2DC-3.F1Y

Version 5.3.2

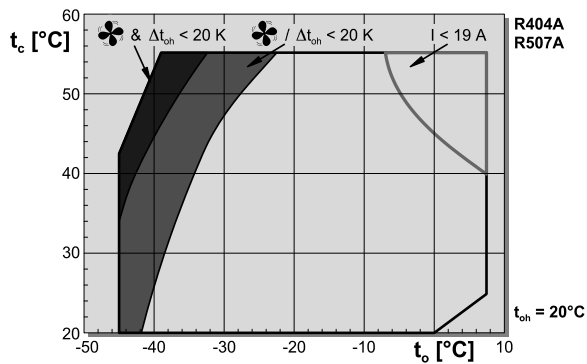
2016.06.29. / All data subject to change.

**Performance table: Condensing Units**

Unit type	<b>LHV6/2DC-3.F1Y</b>	ECOSTAR mode	Economy
Series	ECOSTAR	Power supply	400V-3-50Hz
Refrigerant	R404A	Frequency compressor	87 Hz
Reference temperature	Dew point temp.		
Suct. gas superheat	10K		
Useful superheat	100%		

tamb [°C]	to [°C]	10	5	0	-5	-10	-15	-20
27	Qo[W]	--	20871	17746	14931	12341	10024	8010
	P*[kW]		6.83	6.37	5.91	5.46	5.00	4.52
	I [A]		10.85	10.18	9.51	8.86	8.19	7.48
	m [kg/h]		620	526	443	369	304	247
	tc [°C]		41.3	39.5	37.8	36.6	35.8	35.1
	dteu [K]		3.00	3.00	3.00	3.00	3.00	3.00
32	Qo[W]	--	19210	16293	13652	11215	9055	7183
	P*[kW]		7.31	6.78	6.25	5.74	5.21	4.66
	I [A]		11.54	10.78	10.02	9.27	8.50	7.69
	m [kg/h]		607	514	431	358	293	237
	tc [°C]		45.7	43.9	42.4	41.3	40.6	40.0
	dteu [K]		3.00	3.00	3.00	3.00	3.00	3.00
43	Qo[W]	--	--	13110	10912	8958	7214	5603
	P*[kW]			7.57	6.89	6.21	5.53	4.84
	I [A]			11.91	10.93	9.95	8.96	7.96
	m [kg/h]			486	405	334	272	216
	tc [°C]			53.7	52.2	50.8	49.7	49.2
	dteu [K]			3.00	3.00	3.00	2.96	2.90

**Application Limits**



**Legend**

- to [°C] Evaporating SST
- tamb [°C] Ambient temp.
- Qo[W] Cooling capacity
- P\*[kW] Power input
- I [A] Current
- m [kg/h] Mass flow
- tc [°C] Condensing SDT
- dteu [K] subcooling

-- No calculation possible (see message in single point selection)