



LHV6/2DC-3.F1Y

Version 5.3.2

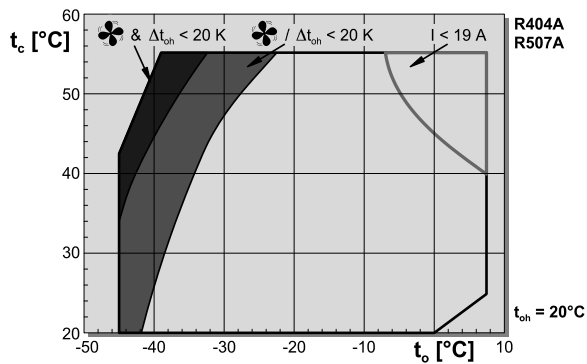
2016.06.29. / All data subject to change.

Performance table: Condensing Units

Unit type	LHV6/2DC-3.F1Y	ECOSTAR mode	Economy
Series	ECOSTAR	Power supply	400V-3-50Hz
Refrigerant	R404A	Frequency compressor	62 Hz
Reference temperature	Dew point temp.		
Suction gas temperature	20°C		
Useful superheat	100%		

tamb [°C]	to [°C]	10	5	0	-5	-10	-15	-20
27	Qo[W]	--	16551	14101	11863	9864	8100	6558
	P*[kW]		4.43	4.21	3.97	3.72	3.44	3.13
	I [A]		7.34	7.01	6.66	6.27	5.84	5.35
	m [kg/h]		452	374	308	252	204	163.2
	tc [°C]		37.8	36.8	36.0	35.4	34.9	34.4
	dteu [K]		3.00	3.00	3.00	3.00	3.00	3.00
32	Qo[W]	--	15300	13007	10923	9063	7422	5986
	P*[kW]		4.79	4.53	4.24	3.93	3.60	3.24
	I [A]		7.88	7.49	7.07	6.60	6.09	5.53
	m [kg/h]		443	366	301	245	197.7	157.5
	tc [°C]		42.4	41.5	40.8	40.2	39.8	39.3
	dteu [K]		3.00	3.00	3.00	3.00	3.00	3.00
43	Qo[W]	--	12605	10774	9107	7539	6112	4861
	P*[kW]		5.50	5.11	4.69	4.28	3.85	3.40
	I [A]		8.93	8.35	7.74	7.12	6.47	5.78
	m [kg/h]		423	349	285	231	184.8	145.2
	tc [°C]		52.4	51.2	50.1	49.5	49.1	48.9
	dteu [K]		3.00	3.00	3.00	2.93	2.89	2.86

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)