



LHV6/2DC-3.F1Y

Version 5.3.2

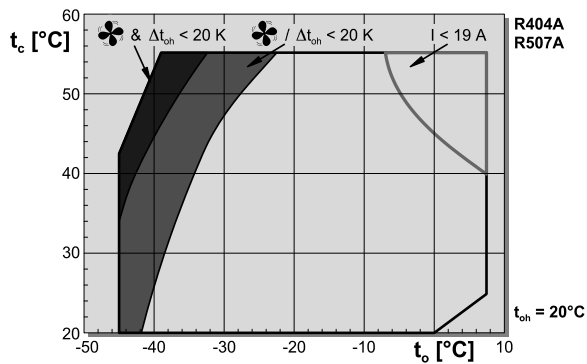
2016.06.29. / All data subject to change.

Performance table: Condensing Units

Unit type	LHV6/2DC-3.F1Y	ECOSTAR mode	Economy
Series	ECOSTAR	Power supply	400V-3-50Hz
Refrigerant	R404A	Frequency compressor	70 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]	--	17957	15186	12633	10362	8385	6686
	P*[kW]		5.15	4.85	4.56	4.25	3.92	3.56
	I [A]		8.42	7.97	7.54	7.08	6.57	6.02
	m [kg/h]		517	438	368	306	252	204
	tc [°C]		38.9	37.4	36.4	35.7	35.1	34.6
	dteu [K]		3.00	3.00	3.00	3.00	3.00	3.00
32	Qo[W]	--	16558	13940	11539	9418	7577	5999
	P*[kW]		5.55	5.20	4.85	4.49	4.10	3.68
	I [A]		9.00	8.49	7.98	7.43	6.85	6.21
	m [kg/h]		506	428	358	297	243	196.5
	tc [°C]		43.4	42.1	41.2	40.5	39.9	39.4
	dteu [K]		3.00	3.00	3.00	3.00	3.00	3.00
43	Qo[W]	--	13486	11302	9365	7620	6024	4658
	P*[kW]		6.34	5.86	5.36	4.87	4.37	3.85
	I [A]		10.14	9.44	8.72	7.99	7.25	6.47
	m [kg/h]		483	405	338	278	225	179.0
	tc [°C]		53.2	51.9	50.6	49.6	49.2	48.9
	dteu [K]		3.00	3.00	3.00	2.95	2.90	2.87

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)