



LHV6/2DC-3.F1Y

Version 5.3.2

2016.06.29. / All data subject to change.

Performance table: Condensing Units

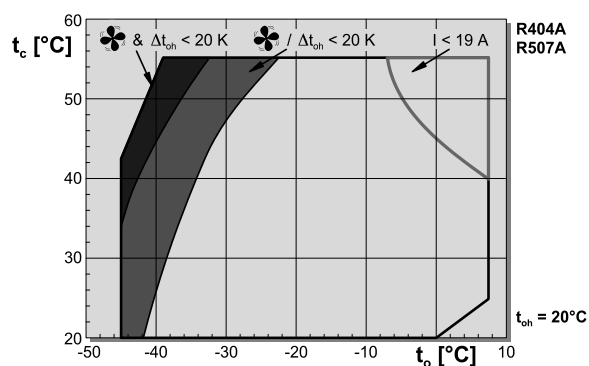
Unit type	LHV6/2DC-3.F1Y	ECOSTAR mode	Economy
Series	ECOSTAR	Power supply	400V-3-50Hz
Refrigerant	R404A	Frequency compressor	30 Hz
Reference temperature	Dew point temp.		
Suct. gas superheat	10K		
Useful superheat	100%		

tamb [°C]	to [°C]	10	5	0	-5	-10	-15	-20
27	Qo[W]	--	8060	6692	5507	4487	3616	2876
	P*[kW]		1.84	1.79	1.73	1.65	1.55	1.43
	I [A]		3.27	3.20	3.09	2.95	2.78	2.58
	m [kg/h]		219	185.2	155.2	129.0	106.1	86.2
	tc [°C]		34.5	34.1	33.8	33.5	33.2	33.0
	dteu [K]		3.00	3.00	2.98	2.94	2.91	2.87

32	Qo[W]	--	7423	6143	5035	4084	3273	2586
	P*[kW]		2.03	1.96	1.87	1.76	1.64	1.50
	I [A]		3.59	3.47	3.32	3.14	2.93	2.70
	m [kg/h]		215	181.0	151.3	125.3	102.6	82.9
	tc [°C]		39.4	39.1	38.7	38.5	38.2	37.9
	dteu [K]		3.00	3.00	2.97	2.93	2.90	2.86

43	Qo[W]	--	6166	5041	4077	3256	2560	1975
	P*[kW]		2.37	2.26	2.12	1.97	1.81	1.63
	I [A]		4.15	3.97	3.74	3.50	3.22	2.92
	m [kg/h]		205	171.9	142.6	116.9	94.5	75.1
	tc [°C]		48.9	48.8	48.6	48.5	48.4	48.3
	dteu [K]		2.87	2.85	2.83	2.81	2.80	2.78

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)