

Model : FL500DL - 90D7C

Refrigerant	R404A
Power Supply	3PH/400V/50Hz
Sub Cooling	5 K
Return Gas Temp.	18 °C
Cooling	Liquid Injection

Cooling Capacity [kW]

Condensing Temp. °C	Evaporating Temp. °C							
	-40	-35	-30	-25	-20	-15	-10	-5
35	3.14	3.98	4.98	6.16	7.54	9.15	11.03	13.18
40	2.92	3.71	4.65	5.76	7.06	8.58	10.33	12.36
45	2.69	3.43	4.31	5.35	6.56	7.97	9.60	11.48
50	-	3.15	3.96	4.92	6.04	7.34	8.85	10.58
55	-	-	3.59	4.47	5.49	6.67	8.05	9.62

Motor Input [kW]

Condensing Temp. °C	Evaporating Temp. °C							
	-40	-35	-30	-25	-20	-15	-10	-5
35	3.38	3.42	3.43	3.52	3.67	3.81	3.82	3.99
40	3.76	3.81	3.84	3.92	4.02	4.15	4.30	4.44
45	4.17	4.20	4.27	4.35	4.43	4.56	4.75	4.90
50	-	4.74	4.75	4.79	4.87	5.01	5.19	5.40
55	-	-	5.37	5.35	5.38	5.50	5.68	5.88

Current [A]

Condensing Temp. °C	Evaporating Temp. °C							
	-40	-35	-30	-25	-20	-15	-10	-5
35	6.7	6.8	6.8	6.9	7.1	7.2	7.2	7.4
40	7.2	7.2	7.3	7.4	7.5	7.6	7.8	8.0
45	7.7	7.7	7.8	7.9	8.0	8.2	8.4	8.6
50	-	8.4	8.4	8.5	8.6	8.8	9.0	9.3
55	-	-	9.3	9.3	9.3	9.5	9.7	10.0