

4. PERFORMANCE DATA

Model : DS1529V1

Refrigerant	R404A
Power Supply	3PH/400V/50Hz
Sub Cooling	0 K
Return Gas Temp.	18 °C
Cooling	Fan Cooling+Liquid Injection

Cooling capacity[W]

Condensing Temp. °C	Power Supply	Evaporating Temp. °C											
		-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10
35	400V-50Hz	765	965	1,222	1,535	1,904	2,330	2,812	3,350	3,944	4,594	5,301	6,064
40	400V-50Hz	711	893	1,129	1,418	1,762	2,160	2,612	3,118	3,679	4,293	4,961	5,683
45	400V-50Hz	658	821	1,035	1,302	1,620	1,991	2,413	2,887	3,413	3,991	4,621	5,303
50	400V-50Hz	597	746	942	1,186	1,478	1,816	2,203	2,637	3,118	3,647	4,223	4,847
55	400V-50Hz	536	671	849	1,071	1,335	1,642	1,992	2,386	2,822	3,302	3,825	4,391

Motor Input[W]

Condensing Temp. °C	Power Supply	Evaporating Temp. °C											
		-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10
35	400V-50Hz	984	1,020	1,055	1,090	1,126	1,161	1,196	1,232	1,267	1,303	1,338	1,373
40	400V-50Hz	1,078	1,114	1,150	1,186	1,222	1,258	1,294	1,330	1,366	1,402	1,438	1,474
45	400V-50Hz	1,172	1,209	1,245	1,282	1,319	1,355	1,392	1,429	1,465	1,502	1,538	1,575
50	400V-50Hz	1,295	1,333	1,370	1,408	1,445	1,483	1,521	1,558	1,596	1,633	1,671	1,708
55	400V-50Hz	1,418	1,457	1,495	1,534	1,572	1,611	1,649	1,688	1,726	1,765	1,803	1,841

Current[A]

Condensing Temp. °C	Power Supply	Evaporating Temp. °C											
		-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10
35	400V-50Hz	2.2	2.2	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5	2.6	2.6
40	400V-50Hz	2.3	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.6	2.7	2.7
45	400V-50Hz	2.4	2.4	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.8	2.8	2.9
50	400V-50Hz	2.5	2.6	2.6	2.7	2.7	2.8	2.8	2.8	2.9	2.9	3.0	3.0
55	400V-50Hz	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.1	3.1	3.2