

MODELS: FR-E800

TITLE: COOLING FANS FOR THE FR-E800 SERIES

1. Type and number of fans used

Capa city	FR-E820 Cooling Fans			FR-E840 Cooling Fans		
	FR-E820-	Type	Qty	FR-E840-	Type	Qty
0.1K	0008	Self-cooling	-			
0.2K	0015	Self-cooling	-			
0.4K	0030	Self-cooling	-	0016	Self-cooling	-
0.75K	0050	Self-cooling	-	0026	Self-cooling	-
1.5K	0080	AFB0524VHDEVV BKO-CA2785H01	1	0040	AFB0524VHDEVV BKO-CA2785H01	1
2.2K	0110	AFB0524VHDEVV BKO-CA2785H01	1	0060	AFB0524VHDEVV BKO-CA2785H01	1
3.7K	0175	AFB0524VHDEVV BKO-CA2785H01	1	0095	AFB0524VHDEVV BKO-CA2785H01	1
5.5K	0240	QFR0824UHESS BKO-CA2795H01	1	0120	QFR0624UHET7 BKO-CA2790H01	1
7.5K	0330	QFR0824UHESS BKO-CA2795H01	1	0170	QFR0624UHET7 BKO-CA2790H01	1
11K	0470	QFR0824UHESS BKO-CA2795H01	2	0230	QFR0824UHESS BKO-CA2795H01	2
15K	0600	QFR0824UHESS BKO-CA2795H01	2	0300	QFR0824UHESS BKO-CA2795H01	2
18.5K	0760	QFR0824SHEGH8 BKO-CA2882H01	2	0380	QFR0824UHESS BKO-CA2795H01	2
22K	0900	QFR0824SHEGH8 BKO-CA2882H01	2	0440	QFR0824UHESS BKO-CA2795H01	2

Capa city	FR-E810W Cooling Fans			FR-E820S Cooling Fans		
	FR-E810W-	Type	Qty	FR-E820S-	Type	Qty
0.1K	0008	Self-cooling	-	0008	Self-cooling	-
0.2K	0015	Self-cooling	-	0015	Self-cooling	-
0.4K	0030	Self-cooling	-	0030	Self-cooling	-
0.75K	0050	Self-cooling	-	0050	Self-cooling	-
1.5K				0080	AFB0524VHDEVV BKO-CA2785H01	1
2.2K				0110	AFB0524VHDEVV BKO-CA2785H01	1

MODELS: FR-E800

Capacity	FR-E860 Cooling Fans		
	FR-E860-	Type	Qty
0.75K	0017	Self-cooling	-
1.5K	0027	AFB0524VHDEVV BKO-CA2785H01	1
2.2K	0040	AFB0524VHDEVV BKO-CA2785H01	1
3.7K	0061	QFR0624UHET7 BKO-CA2790H01	1
5.5K	0090	QFR0624UHET7 BKO-CA2790H01	1
7.5K	0120	QFR0624UHET7 BKO-CA2790H01	1

2. Fan performance table

Name	Type	Size	Voltage rating	Current rating	Input rating	Max airflow(m3/min)*	
						MIN	TYP
DC Fan	AFB0524VHDEVV BKO-CA2785H01	50 [□]	24V	0.1A	1.9W	0.5	0.6
DC Fan	QFR0624UHET7 BKO-CA2790H01	60 [□]		0.2A	5.5W	1.0	1.2
DC Fan	QFR0824UHESH BKO-CA2795H01	80 [□]		0.3A	6.2W	1.7	1.9
DC Fan	QFR0824SHEGH8 BKO-CA2882H01	80 [□]		0.2A	4.8W	1.7	1.9

* At static pressure = 0 Pa

3. Lifespan

Lifespan is approximately 100,000 hours of continuous operation at rated voltage in a 60°C environment.