

TYPE 3R filter fans

Protecting enclosures in outdoor applications



Fandis
north america

viridis
filter fans

TYPE 3R fi

The need for temperature control

In today's control cabinets, thermal management takes on a greater importance to ensure reliable performance. Filters fans placement is a forced-air solution to maintain an optimum climate in enclosures, avoiding costly downtime and system failures.



Shielded outdoor installation

Fandis Type 3R filter fans are specifically designed to meet the outdoor location needs and provide a degree of protection for the enclosure and the internal electrical control components from falling dirt, dust, rain, sleet and from damage caused by the formation of ice.

The application rated 3R design includes durable plastic construction that allows direct sunlight or water exposure without the risk of premature aging.



Operation and aesthetics insured

The FF series of filter fans is suitable to preserve the integrity of components inside an electrical cabinet for outdoor use, and ensure greater resistance to degradation due to environmental factors.

The main **benefits of the FF filter fans** are:



waterproof



UV-resistant



IP54 and IP55 protection



quick tool-less mounting system with clips for 0.039 to 0.146in thick plates



plastics construction against atmospheric deterioration

Filter fans

**OTHER
OUTDOOR
SOLUTION
(IP56)**

Stainless Steel Cover

SSC cover protects against powerful water jets and solid foreign objects and it is easily washable.

- AISI 304 stainless steel cover of 0.04in with bayonet joint on support
- Stainless steel support of .002in to apply between base and clips



Model	Dimensions (in)	Cut-out (in)	Working Temperature (°F)
FF08N3	4.19x4.19x 0.91	3.60x 3.60	14 ÷ 140
FF12N53	5.91x5.91x 1.15	4.92x 4.92	14 ÷ 140
FF13N53	8.03x8.03x 1.16	6.97x 6.97	14 ÷ 140
FF15N53	9.84x 9.8x 1.33	8.78x 8.78	14 ÷ 140
FF20N53	12.80x 12.80x 1.34	11.46x 11.46	14 ÷ 140

Model	Dimensions (in)	Cut-out (in)	Voltage V	Rated Power W	Air Flow CFM	Static Pressure inH ₂ O	Noise [dB(A)]	Working Temperature (°F)
FF08A115NN3	4.19x4.19x2.64	3.60x3.60	115 V a.c.	9.0/7.0	7.06/8.82	0.09/0.13	33.0/38.0	14 ÷ 131
FF08A230NN3	4.19x4.19x2.64	3.60x3.60	230 V a.c.	10/8.0	7.06/8.82	0.09/0.13	33.0/38.0	14 ÷ 131
FF08D12NN3	4.19x4.19x2.13	3.60x3.60	12 V d.c.	2.0	9.41	0.11	30.0	14 ÷ 131
FF08D24NN3	4.19x4.19x2.13	3.60x3.60	24 V d.c.	2.0	9.41	0.11	30.0	14 ÷ 131
FF08GA115NF3	4.19x4.19x3.14	3.64x3.64	115 V a.c.	12/10	12.35/15.29	0.16/0.22	37.0/42.0	14 ÷ 131
FF08GA230NF3	4.19x4.19x3.14	3.64x3.64	230 V a.c.	12/11	12.35/15.29	0.16/0.22	37.0/42.0	14 ÷ 131
FF08GD24NN3	4.19x4.19x3.05	3.64x3.64	24 V d.c.	15	29.41	0.64	59.0	14 ÷ 131
FF12A115NN53	5.91x5.91x2.88	4.92x4.92	115 V a.c.	19/17	29.41/34.71	0.27/0.33	40.0/44.0	14 ÷ 131
FF12A230NN53	5.91x5.91x2.88	4.92x4.92	230 V a.c.	18/16	29.41/34.71	0.27/0.33	40.0/44.0	14 ÷ 131
FF12D24NN53	5.91x5.91x2.87	4.92x4.92	24 V d.c.	7.4	20.59	0.21	42.5	14 ÷ 131
FF13PA115NN53	8.03x8.03x3.76	6.97x6.97	115 V a.c.	16/15	52.94/64.71	0.30/0.38	40.0/44.0	14 ÷ 131
FF13PA230NN53	8.03x8.03x3.78	6.97x6.97	230 V a.c.	19/17	52.94/64.71	0.30/0.38	40.0/44.0	14 ÷ 131
FF13PD24NN53	8.03x8.03x3.75	6.97x6.97	24 V d.c.	8.2	50	0.21	42.0	14 ÷ 131
FF15A115NF53	9.84x9.84x4.89	8.78x8.78	115 V a.c.	31/31	94.12/114.71	0.39/0.52	50.0/55.0	14 ÷ 131
FF15A230NF53	9.84x9.84x4.89	8.78x8.78	230 V a.c.	32/36	94.12/114.71	0.39/0.52	50.0/55.0	14 ÷ 131
FF15D24NF53	9.84x9.84x4.94	8.78x8.78	24 V d.c.	31	135.29	0.60	59.0	14 ÷ 131
FF20A115NE531	12.80x12.80x6.31	11.46x11.46	115 V a.c.	74/83	198.82/222.35	0.39/0.43	58.0/60.0	14 ÷ 131
FF20A230NE531	12.80x12.80x6.31	11.46x11.46	230 V a.c.	70/85	211.77/235.29	0.45/0.51	58.0/60.0	14 ÷ 131
FF20GA115NE31	12.80x12.80x6.25	11.46x11.46	115 V a.c.	124/146	397.06/434.12	0.73/0.68	67.0/71.0	14 ÷ 131
FF20GA230NE31	12.80x12.80x6.25	11.46x11.46	230 V a.c.	120/158	400/450	0.80/0.84	67.0/71.0	14 ÷ 131



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