



FF series Type 3R exhaust filters

- Suitable for outdoor applications
- Weather resistant plastics
- UV resistant
- Colour RAL 9005
- IP55 protection degree (IP54 for FF08 series)



Model	Dimensions mm	Cut-Out mm	Approvals
FF08N3	107x107x23	91,5x91,5	cURus; cULus
FF12N53	150x150x29	125x125	cURus; cULus
FF13N53	204x204x30	177x177	cURus; cULus
FF15N53	250x250x34	223x223	cURus; cULus
FF20N53	325x325x34	291x291	cURus; cULus



FF series filter fans

- Tool-less assembly system with clips
- Plate thickness: FF08 from 1 to 2mm; FF12, FF13 from 1.3 to 3.2mm; FF15, FF20 from 1.3 to 3.7mm (up to 4mm with cut-out max tolerance)
- Quick electrical connection by screwless terminal block
- Standard colour RAL 7035, other colours available on request, subject to quantity
- Standard protection ratings: IP54 and Type 12. Optional versions: IP55, Type 1, 3R and EMC on request
- R version (airflow from inside to outside the enclosure)
- Frequency: 50/60Hz



Model	Dimensions mm	Cut-Out mm	Rated Voltage V	Rated Power W	Max Airflow m³/h	Airflow with Exhaust Filter m³/h	Approvals
FF08A							
FF08A115UN	107x107x67	91,5x91,5	115 V a.c.	9/7	12/15	9/11.5	cURus; cULus; cCSAus
FF08A115UNR	107x107x67	91,5x91,5	115 V a.c.	9/7,5	16/21	13/17	cURus; cULus; cCSAus
FF08A230UN	107x107x67	91,5x91,5	230 V a.c.	10/8	12/15	9/11.5	cURus; cULus; cCSAus
FF08A230UNR	107x107x67	91,5x91,5	230 V a.c.	10/8	16/21	13/17	cURus; cULus; cCSAus
FF08D							
FF08D12UN	107x107x54	91,5x91,5	12 V d.c.	2	16	11	cURus; cULus; cCSAus
FF08D24UN	107x107x54	91,5x91,5	24 V d.c.	2	16	11	cURus; cULus; cCSAus
FF08D24UNR	107x107x54	91,5x91,5	24 V d.c.	2,2	23	16	cURus; cULus; cCSAus
FF08GA							
FF08GA115UF	107x107x80	92,5x92,5	115 V a.c.	12/10	21/26	15/19	cURus; cULus; cCSAus
FF08GA230UF	107x107x80	92,5x92,5	230 V a.c.	12/11	21/26	15/19	cURus; cULus; cCSAus
FF08GD							
FF08GD24UN	107x107x77	92,5x92,5	24 V d.c.	15	50	36	cURus; cULus; cCSAus
FF08GD24UNR	107x107x77	92,5x92,5	24 V d.c.	17	60	44	cURus; cULus; cCSAus
FF12A							
FF12A115UF	150x150x73	124x124	115 V a.c.	16/15	45/50	33/36	cURus; cULus; cCSAus
FF12A115UFR	150x150x74	124x124	115 V a.c.	16/15	47/52	37/41	cURus; cULus; cCSAus
FF12A115UN	150x150x73	124x124	115 V a.c.	19/17	67/79	48/54	cURus; cULus; cCSAus
FF12A115UNR	150x150x73	124x124	115 V a.c.	19/17	60/70	45/52	cURus; cULus; cCSAus
FF12A230UF	150x150x73	124x124	230 V a.c.	18/17	45/50	33/36	cURus; cULus; cCSAus