

7F Series

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# REPORT



## 7F Series - Filter Fans for control panels and enclosures

Air Flow Volume (24...500) m<sup>3</sup>/h (14.1...294.3) CFM

Finder has expanded its range of products for temperature control by adding the 7F Series. This full line-up of filter fans and exhaust filters ensure adequate ventilation in control panels and enclosures. High reliability and efficiency with quick "click-in" installation and easy electrical connections.

**FINDER** products have a wide range of quality approvals with great switching performance. Compliant with the CE directive, IEC standards and the RoHS directive.



ISO 9001:2008



ISO 14001:2004



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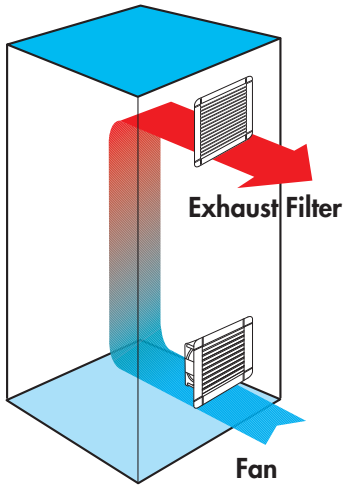


## 7F Series Filter Fans

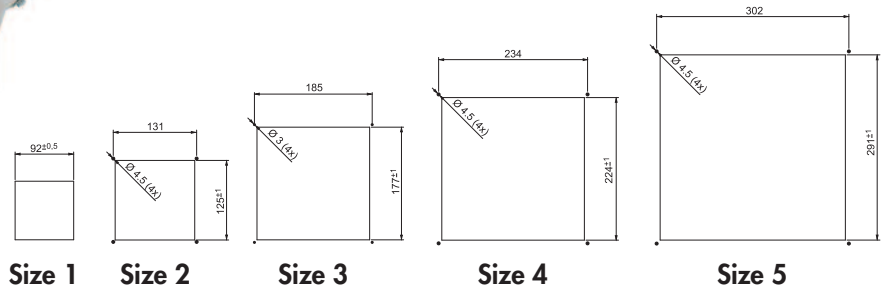
**Filter Fans for control panels and enclosures**  
**120V AC, 230V AC & 24V DC supply versions**

- Very low acoustic noise
- Minimal depth within enclosure
- Air volume (14...370) m<sup>3</sup>/h / (8.2...217.8) CFM (with Exhaust Filter installed in enclosure)
- Air volume (24...500) m<sup>3</sup>/h (free flow) (14.1...294.3) CFM (free flow)
- Power consumption (4...70) W
- Operating voltage: 120V AC, 230V AC (50/60Hz) & 24V DC
- Time-saving "click-in" installation and maintenance
- Aluminium ball-bearing axial fan housing
- Protection category: IP54 (NEMA 12)
- Plastics according to UL94 V-0
- Filter mats are included - EU3 (all types of dust from a particle size of 10 µm) - filtering degree (80...90%)
- Filter Fan supplied in Reverse flow mode (7F.80)

Mounting arrangement of Filter Fans and Exhaust Filters "Draw-In"



**UL** <sup>®</sup> **US**  
**UL File E343945**



Filter Fans - All versions

Standard Versions "Draw-In"	Reverse Flow Versions "Exhaust"	Filter Fan Size	Air Flow Volume Free Flow / with Exhaust filter	Supply Voltage	Power	Exhaust Filter	Filter Mat
7F.50.8.120.1020	7F.80.8.120.1020	Size 1	14.1 CFM / 8.2 CFM	120V AC	13W	7F.05.0.000.1000	07F.15
7F.50.8.120.2055	7F.80.8.120.2055	Size 2	32.4 CFM / 23.5 CFM	120V AC	22W	7F.05.0.000.2000	07F.25
7F.50.8.120.3100	7F.80.8.120.3100	Size 3	58.9 CFM / 44.1 CFM	120V AC	22W	7F.05.0.000.3000	07F.35
7F.50.8.120.4230	7F.80.8.120.4230	Size 4	135.4 CFM / 105.9 CFM	120V AC	40W	7F.05.0.000.4000	07F.45
7F.50.8.120.4370	7F.80.8.120.4370	Size 4	217.8 CFM / 147.1 CFM	120V AC	70W	7F.05.0.000.4000	07F.45
7F.50.8.120.5500	7F.80.8.120.5500	Size 5	294.3 CFM / 217.8 CFM	120V AC	70W	7F.05.0.000.5000	07F.55
7F.50.8.230.1020	7F.80.8.230.1020	Size 1	14.1 CFM / 8.2 CFM	230V AC	13W	7F.05.0.000.1000	07F.15
7F.50.8.230.2055	7F.80.8.230.2055	Size 2	32.4 CFM / 23.5 CFM	230V AC	22W	7F.05.0.000.2000	07F.25
7F.50.8.230.3100	7F.80.8.230.3100	Size 3	58.9 CFM / 44.1 CFM	230V AC	22W	7F.05.0.000.3000	07F.35
7F.50.8.230.4230	7F.80.8.230.4230	Size 4	135.4 CFM / 105.9 CFM	230V AC	40W	7F.05.0.000.4000	07F.45
7F.50.8.230.4370	7F.80.8.230.4370	Size 4	217.8 CFM / 147.1 CFM	230V AC	70W	7F.05.0.000.4000	07F.45
7F.50.8.230.5500	7F.80.8.230.5500	Size 5	294.3 CFM / 217.8 CFM	230V AC	70W	7F.05.0.000.5000	07F.55
7F.50.9.024.1020	7F.80.9.024.1020	Size 1	14.1 CFM / 8.2 CFM	24V DC	4W	7F.05.0.000.1000	07F.15
7F.50.9.024.2055	7F.80.9.024.2055	Size 2	32.4 CFM / 23.5 CFM	24V DC	9W	7F.05.0.000.2000	07F.25
7F.50.9.024.3100	7F.80.9.024.3100	Size 3	58.9 CFM / 44.1 CFM	24V DC	9W	7F.05.0.000.3000	07F.35
7F.50.9.024.4230	7F.80.9.024.4230	Size 4	135.4 CFM / 105.9 CFM	24V DC	26W	7F.05.0.000.4000	07F.45

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