

FF145 series fan-and-filter

145x145mm | 56-70 m³/h



Colour	RAI7035 color can be customized
Protection category	NEMA 12-standard filter, IP54 standard, IP55 plus precision filter mat.



Dimensions

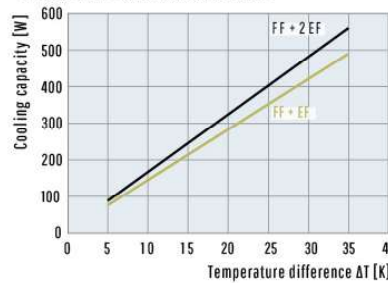
Exit filter EF 145.300



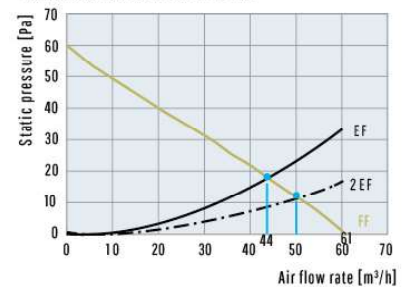
mm	FF145		EF 145
	AC	DC	
X	145	145	145
Y	145	145	145
Z1	5	5	5
Z2	70	70	27
A ¹	125	125	125
B ¹	125	125	125

¹ for material thickness up to 2mm
+1 mm for thickness of material
> 2 mm ≤ 3 mm

Cooling capacity performance curves



Characteristics of static pressure



Model FF	Unit	FF145.230	FF145.115	FF145.012	FF145.024	FF145.048
Rated operating voltage, frequency	V/Hz	AC 230 /115, 50/60			DC 12/24/48, 50/60	
Unimpeded air flow	m ³ /h				IP54-61-70	IP55-56-64
Combined air volume	m ³ /h				IP54-44-52	IP55-40-46
Rated Power	W	19-14	18-15	5	5	5
Rated current max.	A	0.12-0.10	0.24-0.20	0.42	0.21	0.1
Noise level	dB(A)	44			44	
Type of connection		Terminal row				
Filtration efficiency	%	88				
Filter pad performance level		63				
Duty cycle	%	100				
Bearing type		sleeve bearing			ball bearing	
Service life	h	37,500	40,000		62,500	
Operating temperature range	°C	-40~+70				
Design		made of injection-moulded thermoplastic, self-extinguishing UL 94 V0				