

Mini ventiladores

- Mini ventiladores de 60mm, 80mm, 92mm, 120mm, 150mm, 172mm, 180mm e 200mm
- Alimentação 110/220 VCA, 12VCC ou 24VCC
- Acessórios de proteção plástica ou metálica disponíveis



Especificações / Specifications

Modelo / Model	AC / CA	CC / DC
Tensão nominal / Rated voltage	110 / 220 VCA / VAC ±15% ou / or 220VCA / VAC ±15%	12 VCC / VDC ou / or 24 VCC / VDC ±15%
Frequência / Frequency	50 / 60 Hz	-
Temperatura de operação / Operating temperature	-20 ~ 80 °C	
Umidade relativa / Relative humidity	20% ~ 85% RH	
Vida útil a / Life at 25°C	20.000H min. (Bucha / Sleeve) 50.000H min. (Esfera / Ball)	30.000H min. (Bucha / Sleeve) 50.000H min. (Esfera / Ball)
Resistência de isolamento / Insulation resistance	10 MΩ min. (500VDC)	
Rigidez dielétrica / Dielectric strength	1500VCA / VAC - 1min.	

Características / Characteristics									
Modelo Model	Tensão nominal Rated voltage (VCA / VAC)	Corrente nominal Rated current 110 VCA / VAC 220 VCA / VAC	Velocidade nominal Rated speed (RPM*)	Fluxo de ar Air flow (CFM)	Pressão estática Static pressure *	Potência de entrada Input power 110 VCA / VAC 220 VCA / VAC	Nível de ruído Noise level *	Sistemas de rolamentos Bearing system	Peso Weight
8025ABHSL	110 / 220 ±15%	0,15A 0,08A	2300 / 2700 ±10%	17 / 21	3,0 / 4,3 mm H2O	18W	29 / 33 dBA	Bucha Sleeve	250g
8025ABHBL	110 / 220 ±15%	0,15A 0,08A	2400 / 2800 ±10%	18 / 22	3,1 / 4,5 mm H2O	18W	30 / 34 dBA	Esfera Ball	250g
12038ABHSL	110 / 220 ±15%	0,21A 0,10A	2600 / 3000 ±10%	75 / 90	6,3 / 7,3 mm H2O	22W	44 / 46 dBA	Bucha Sleeve	550g
12038ABHBL	110 / 220 ±15%	0,21A 0,10A	2600 / 3000 ±10%	77 / 92	6,4 / 7,6 mm H2O	22W	43 / 46 dBA	Esfera Ball	550g
15050ABHSL	110 / 220 ±15%	0,39A 0,22A	2300 / 2500 ±10%	150 / 190	11 / 13 mm H2O	38W	52 / 53 dBA	Bucha Sleeve	950g
17251ABHSL	110 / 220 ±15%	0,39A 0,22A	2300 / 2500 ±10%	150 / 190	9,6 / 13 mm H2O	38W	47 / 49 dBA	Bucha Sleeve	850g
18060ABHBL	220 ±15%	0,32A 0,22A	2350 / 2500 ±10%	290 / 330	15 / 12 mm H2O	72W	57 / 59 dBA	Esfera Ball	1600g
20060ABHBL	220 ~ 240 ±15%	0,38A 0,32A	2200 / 2400 ±10%	335 / 360	17 / 19 mm H2O	75W	64 / 67 dBA	Esfera Ball	1700g

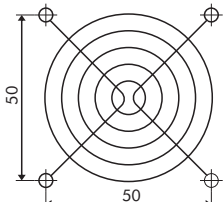
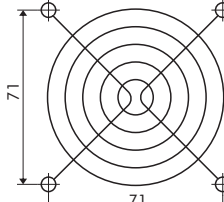
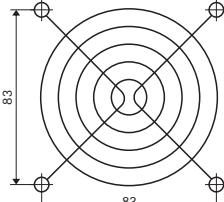
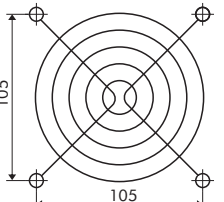
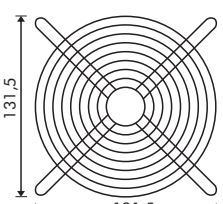
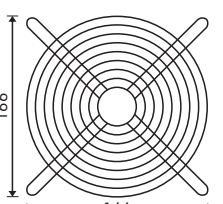
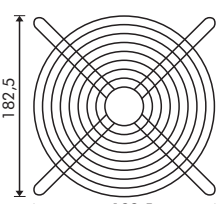
*Dados baseados nas frequências de 50 e 60Hz respectivamente / Data based on 50 and 60Hz respectively

Modelo Model	Tensão nominal Rated voltage (VCC / VDC)	Corrente nominal Rated current	Velocidade nominal Rated speed (RPM*)	Fluxo de ar Air flow (CFM)	Pressão estática Static pressure *	Potência de entrada Input power	Nível de ruído Noise level *	Sistemas de rolamentos Bearing system	Peso Weight
6020D12MS	12 ±15%	0,12A	3400 ±10%	18,5	3,3 mm H2O	1,4W	29 dBA	Bucha Sleeve	50g
6020D24MS	24 ±15%	0,10A	3400 ±10%	18,5	3,3 mm H2O	2,4W	29 dBA	Bucha Sleeve	50g
8025D12MS	12 ±15%	0,16A	2500 ±10%	33,4	2,2 mm H2O	1,9W	28 dBA	Bucha Sleeve	76g
8025D24MB	24 ±15%	0,12A	2800 ±10%	33,4	2,2 mm H2O	2,9W	28 dBA	Esfera Ball	76g
8025D24MS	24 ±15%	0,12A	2700 ±10%	32,3	2,2 mm H2O	2,9W	28 dBA	Bucha Sleeve	76g
9225D24MS	24 ±15%	0,18A	2600 ±10%	48,5	2,6 mm H2O	4,3W	35 dBA	Bucha Sleeve	85g
12038D24MB	24 ±15%	0,40A	1900 ±10%	85,0	7,8 mm H2O	9,6W	44 dBA	Esfera Ball	290g
12038D24MS	24 ±15%	0,40A	2000 ±10%	90,0	7,8 mm H2O	9,6W	44 dBA	Bucha Sleeve	290g
15050D24MB	24 ±15%	0,44A	2600 ±10%	177,5	11,8 mm H2O	10,5W	47,9 dBA	Esfera Ball	800g
15050D24MS	24 ±15%	0,44A	2500 ±10%	174,0	10,4 mm H2O	10,5W	47,0 dBA	Bucha Sleeve	800g
17251D24MB	24 ±15%	0,44A	2600 ±10%	177,5	11,8 mm H2O	10,5W	47,9 dBA	Bucha Sleeve	850g

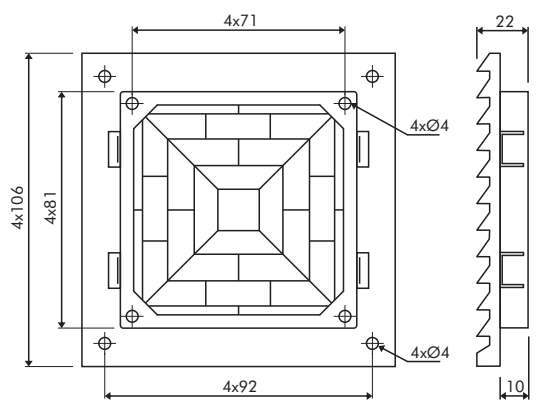
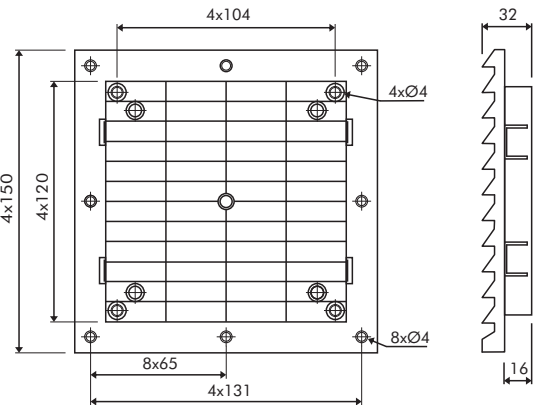
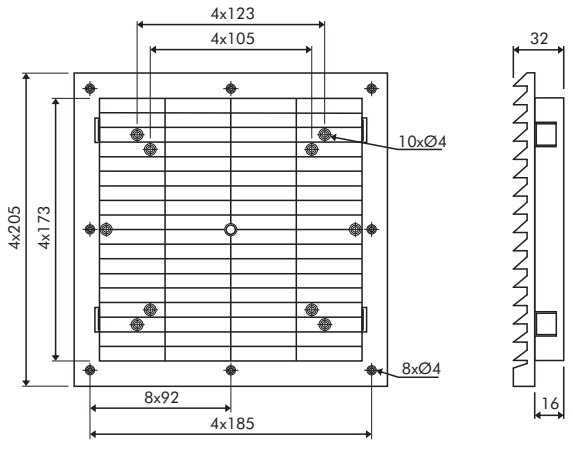
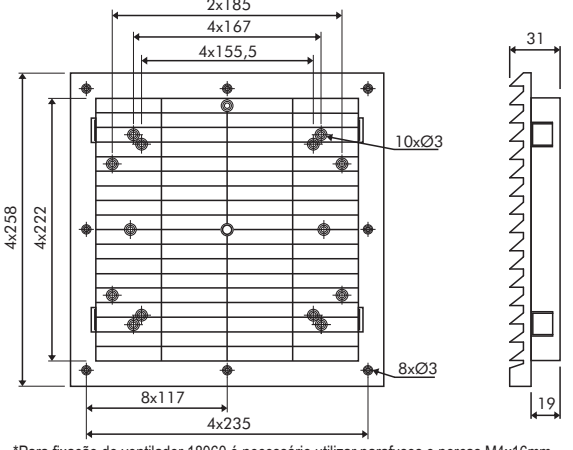
Dimensões

6020 Rotação / Rotation → Fluxo de ar / Air flow →	8025 Rotação / Rotation → Fluxo de ar / Air flow →
9225 Rotação / Rotation → Fluxo de ar / Air flow →	12038 Rotação / Rotation → Fluxo de ar / Air flow →
15050 Rotação / Rotation → Fluxo de ar / Air flow →	17251 Rotação / Rotation → Fluxo de ar / Air flow →
18060 Rotação / Rotation → Fluxo de ar / Air flow →	20060 Rotação / Rotation → Fluxo de ar / Air flow →

Acessórios
Proteção metálica / Metal protection

FG-60 	FG-80 	FG-92 	FG-120 
FG-150 	FG-180 	FG-200 	

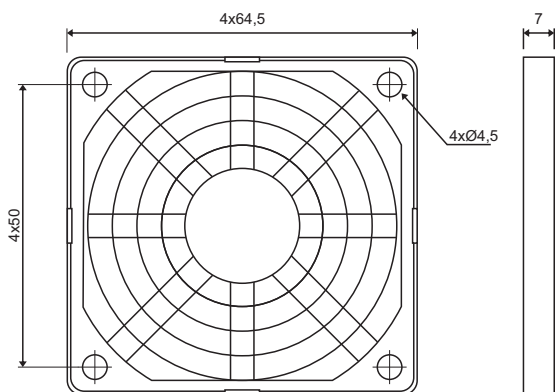
Proteção plástica / Plastic protection

PV801 (para / for 8025)  Furação do painel para fixação por encaixe: 83x83mm Panel cut-out for mounting: 83x83mm	PV803 (para / for 12038)  Furação do painel para fixação por encaixe: 122x122mm Panel cut-out for mounting: 122x122mm
PV804 (para / for 15050)  Furação do painel para fixação por encaixe: 176x176mm Panel cut-out for mounting: 176x176mm	PV805 (para 18060* e 20060 / for 18060* and 20060)  *Para fixação do ventilador 18060 é necessário utilizar parafusos e porcas M4x16mm For 18060 fan fixing it is necessary to use screws and nuts M4x16mm Furação do painel para fixação por encaixe: 224x224mm Panel cut-out for mounting: 224x224mm

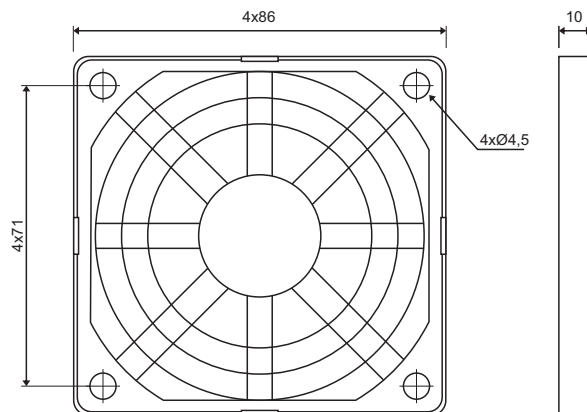
Acessórios

Proteção plástica / Plastic protection

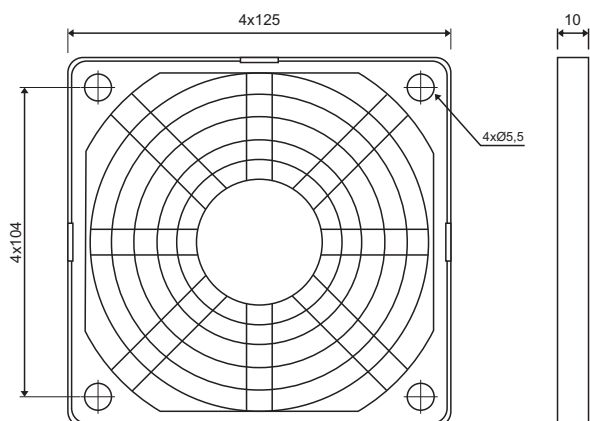
FF-60 (para / for 6020)



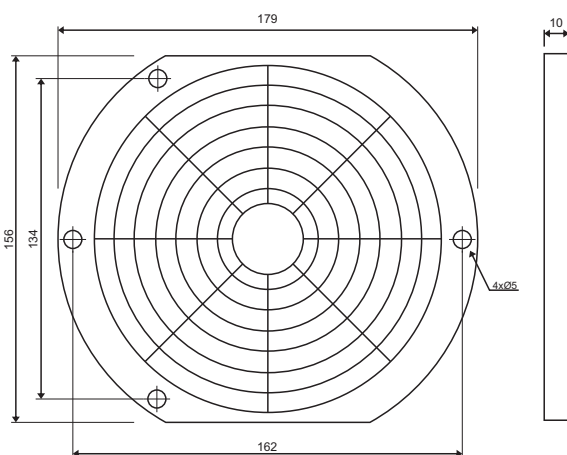
FF-80 (para / for 8025)



FF-120 (para / for 12038)



FF-172 (para / for 17251)



Tolerâncias não indicadas / Not indicated tolerance : $\pm 1\text{mm}$

Esquemas de ligação / Wiring

CC / DC

12VCC / VDC



24VCC / VDC



CA / AC

110VCA / VAC



220VCA / VAC

