



Design

The TB98 series of filter fans have strong adaptability, are aesthetically pleasing, have good functions, are easy to install, and are safe and reliable. They best meet the requirements of today's market, and a single filter can be adapted to multiple models of fans. Flame retardant grade UL94-VO: Protection grade IP54



Non-fiber filter pads are used to prevent dust particleslarger than 10microns

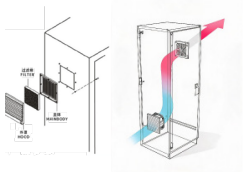


Before installation, insert the screwdriver into the slot at the backand then disassembleit



Product Information

Material: ABS
Flammability Rating: UL94 V-0
Protection Class: IP54
Filter Pad Class: G3

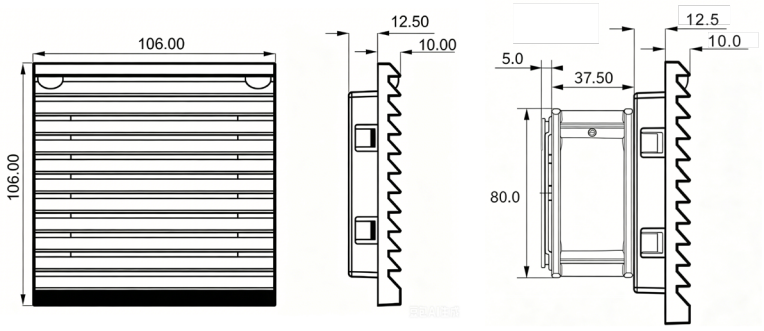


Dimension Drawing

Fan Compatible:80x80



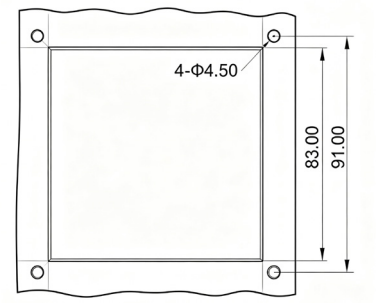
TB9801.230



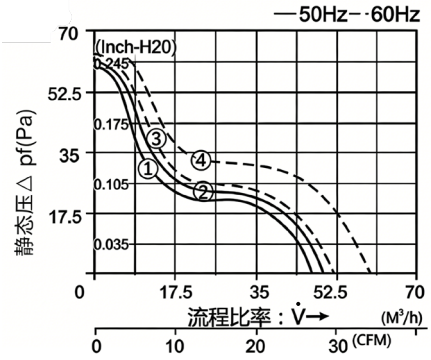


TB9801.300

Cut-out Dimensions



Power Characteristic Curve



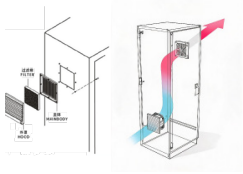
Technical Data	TB9801.230	TB9801.115
Axial Fan	ZR-80B-230	ZR-80B-115
Rated Voltage (V)	AC 230	AC 115
Rated Frequency (Hz)	50/60	
Air-flow, free-blowing	36m³/h	
Air-flow, with outlet filter	1xTB9801.300：22m³/h 2xTB9801.300：27m³/h	
Axial Fan	Shaded-pole Motor	
Rated Current (A)	0.1/0.11	0.13/0.15
Power (W)	18	16
Noise Level (dB)	36	
Operating Temperature Range	-10°C~+60°C	
Order Code	105051	105061
Outlet Filter Model	TB9801.300 (20601060)	

TB9802 | Fan and Filter



Product Information

Material: ABS
Flammability Rating: UL94 V-0
Protection Class: IP54
Filter Pad Class: G3

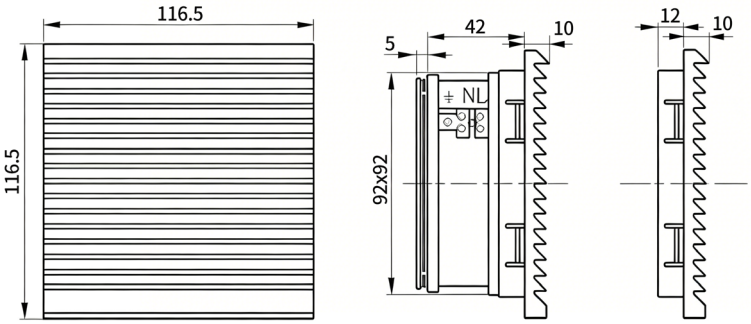


Dimension Drawing

Fan Compatible:92x92



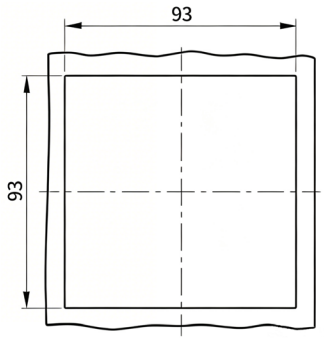
TB9802.230



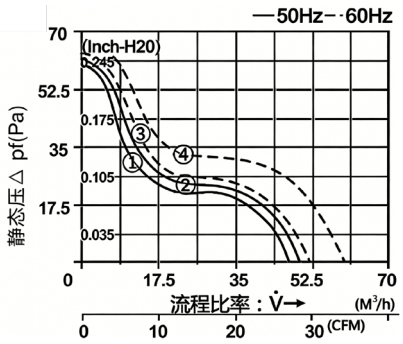


TB9802.300

Cut-out Dimensions



Power Characteristic Curve

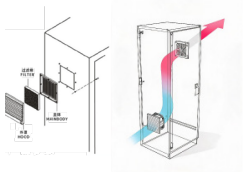


Technical Data	TB9802.230	TB9802.115
Axial Fan	ZR-92B-230	ZR-92B-115
Rated Voltage (V)	AC 230	AC 115
Rated Frequency (Hz)	50/60	
Air-flow, free-blowing	28/38m³/h	
Air-flow, with outlet filter	1xTB9802.300：22/28m³/h	
Axial Fan	Shaded-pole Motor	
Rated Current (A)	0.09/0.08	
Power (W)	13/12	
Noise Level (dB)	28/32	
Operating Temperature Range	-10°C~+60°C	
Order Code	105071	105081
Outlet Filter Model	TB9802.300 (20601061)	



Product Information

Material: ABS
Flammability Rating: UL94 V-0
Protection Class: IP54
Filter Pad Class: G3

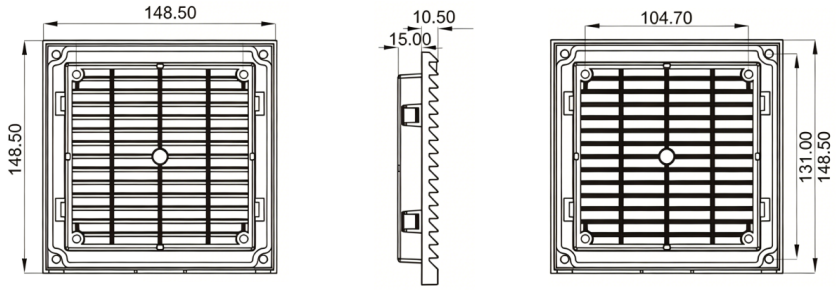


Dimension Drawing

Fan Compatible:120x120



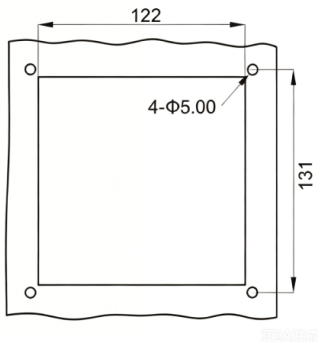
TB9803.230



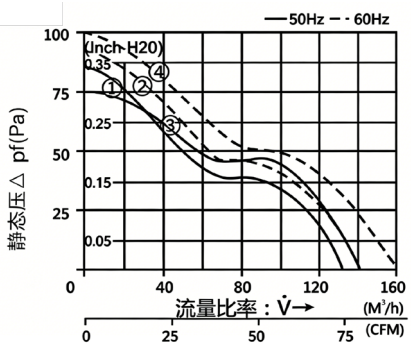


TB9803.300

Cut-out Dimensions



Power Characteristic Curve

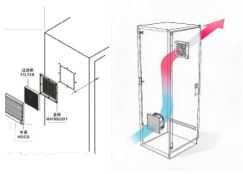


Technical Data	TB9803.230	TB9803.115
Axial Fan	ZR-120B-230	ZR-120B-115
Rated Voltage (V)	AC 230	AC 115
Rated Frequency (Hz)	50/60	
Air-flow, free-blowing	105/120m³/h	
Air-flow, with outlet filter	1xTB9803.300：71/82m³/h	2xTB9803.300：85/98m³/h
Axial Fan	Shaded-pole Motor	
Rated Current (A)	0.12/0.10	0.24/0.23
Power (W)	19/14	18/15
Noise Level (dB)	43/50	
Operating Temperature Range	-10°C~+60°C	
Order Code	105091	105101
Outlet Filter Model	TB9803.300 (20601062)	



Product Information

Material: ABS
Flammability Rating: UL94 V-0
Protection Class: IP54
Filter Pad Class: G3

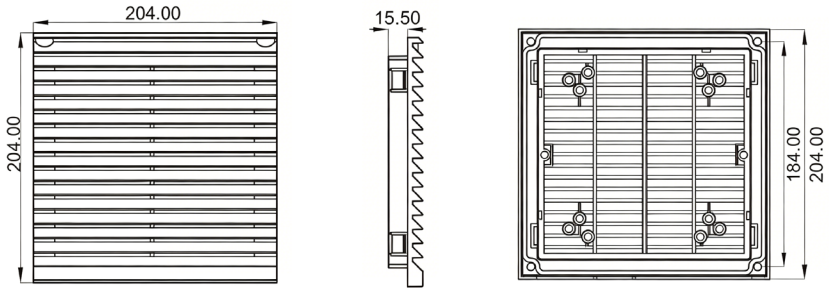


Dimension Drawing

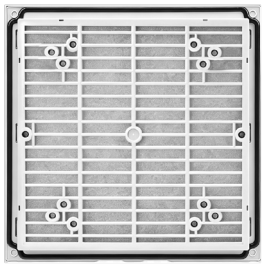
Fan Compatible:120x120/150x150/172x152/172x150



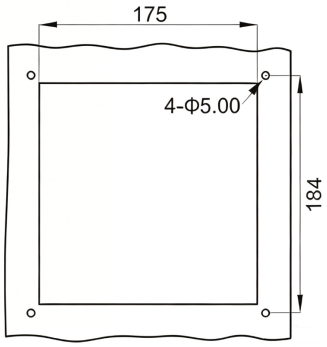
TB9804.230



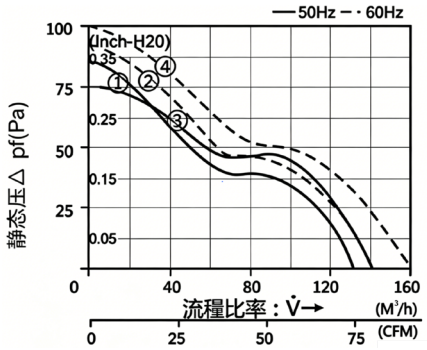
Cut-out Dimensions



TB9804.300



Power Characteristic Curve

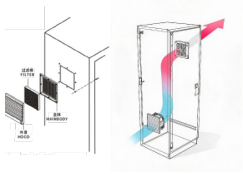


Technical Data	TB9804.230		TB9804.115	
Axial Fan	ZR-120B-230	ZR-150B-230	ZR-120B-115	ZR-150B-115
Rated Voltage (V)	AC 230		AC 115	
Rated Frequency (Hz)	50/60			
Air-flow, free-blowing	120/128m³/h			
Air-flow, with outlet filter	1xTB9804.300:71/82m³/h 2xTB9804.300:85/98m³/h			
Axial Fan	Shaded-pole Motor			
Rated Current (A)	0.12/0.10	0.25	0.24/0.23	0.50
Power (W)	10/14	36	19/15	36
Noise Level (dB)	43/50	58	43/50	58
Operating Temperature Range	-10°C~+60°C			
Order Code	105111	105112	105121	105122
Outlet Filter Model	TB9804.300 (20601063)			



Product Information

Material: ABS
Flammability Rating: UL94 V-0
Protection Class: IP54
Filter Pad Class: G3

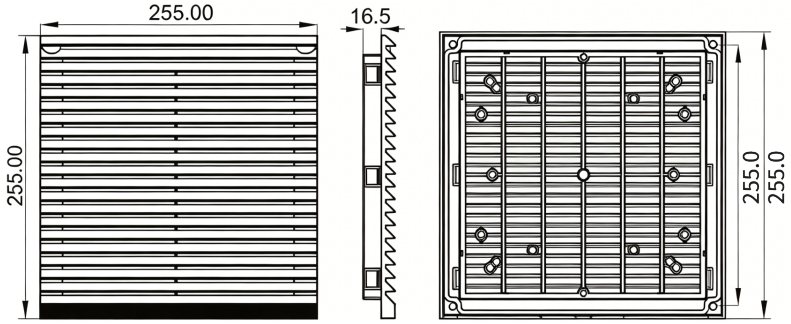


Dimension Drawing

Fan Compatible:150x150/172x150/172x152/180x180/200x200/220x220



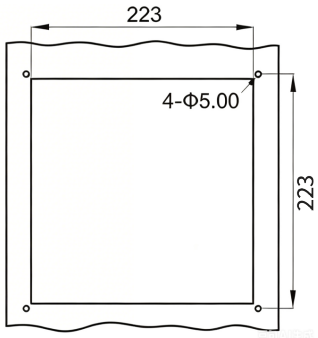
TB9805.230



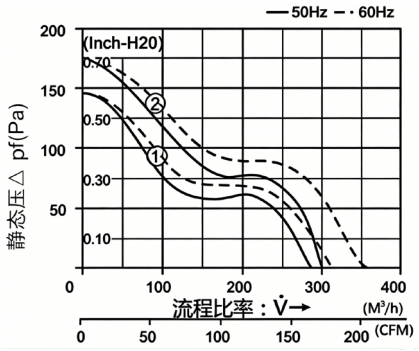
Cut-out Dimensions



TB9805.300



Power Characteristic Curve



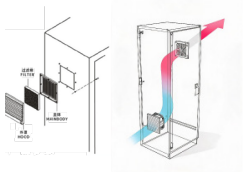
Technical Data	TB9805.230		TB9805.115	
Axial Fan	ZR-150B-230	ZR-220B-230	ZR-150B-115	ZR-220B-115
Rated Voltage (V)	AC 230		AC 115	
Rated Frequency (Hz)	50/60			
Air-flow, free-blowing	190/220m³/h			
Air-flow, with outlet filter	1xTB9805.300：170/205m³/h 2xTB9805.300：210/235m³/h			
Axial Fan	Shaded-pole Motor			
Rated Current (A)	0.25	0.25	0.50	0.90
Power (W)	36	65	36	65
Noise Level (dB)	58/65			
Operating Temperature Range	-10°C~+60°C			
Order Code	105130	105135	105140	105145
Outlet Filter Model	TB9805.300 (20601064)			

TB9806 | Fan and Filter



Product Information

Material: ABS
Flammability Rating: UL94 V-0
Protection Class: IP54
Filter Pad Class: G3

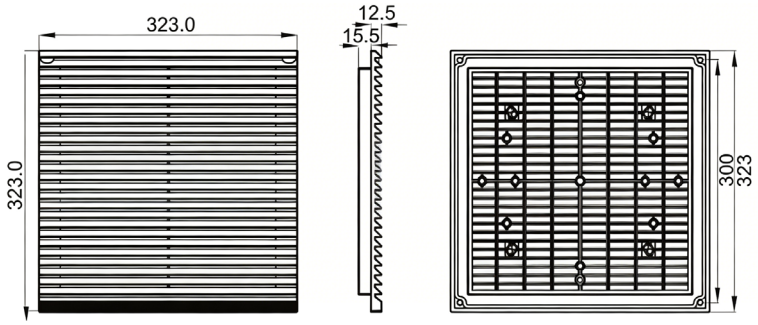


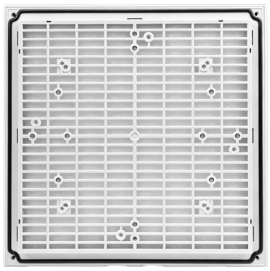
Dimension Drawing

Fan Compatible:172x150/172x152/200x200/220x60/225x225/280x280



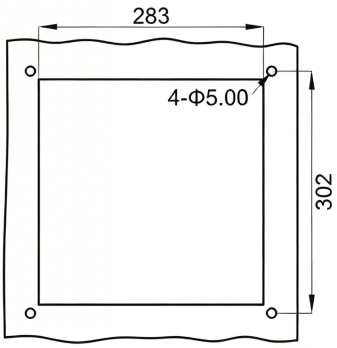
TB9806.230



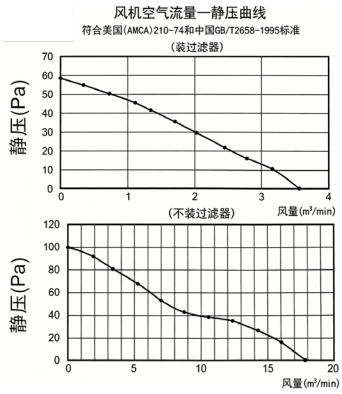


TB9806.300

Cut-out Dimensions



Power Characteristic Curve



Technical Data	TB9806.230		TB9806.115	
Axial Fan	ZR-172B-230	ZR-280B-230	ZR-172B-115	ZR-280B-115
Rated Voltage (V)	AC 230		AC 115	
Rated Frequency (Hz)	50/60			
Air-flow, free-blowing	960/1020m³/h			
Air-flow, with outlet filter	1xTB9806.300:738/784m³/h 2xTB9806.300:856/909m³/h			
Axial Fan	Shaded-pole Motor			
Rated Current (A)	0.25/0.23	0.25	0.50	0.90
Power (W)	35/38	65	36	65
Noise Level (dB)	59/68			
Operating Temperature Range	-10°C~+60°C			
Order Code	105150	105155	105160	105165
Outlet Filter Model	TB9806.300 (20601065)			





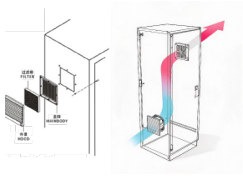
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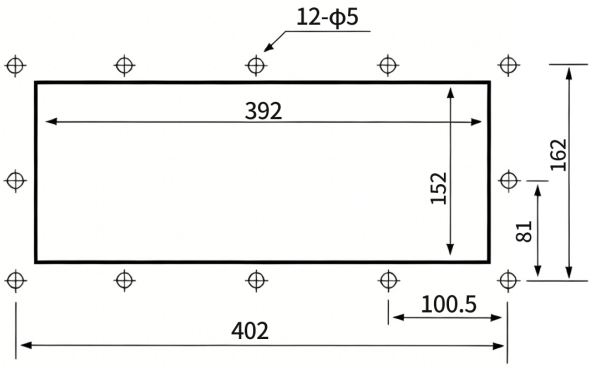
TB9807.300

Product Information

Material: ABS
Flammability Rating: UL94 V-0
Protection Class: IP54
Filter Pad Class: G3

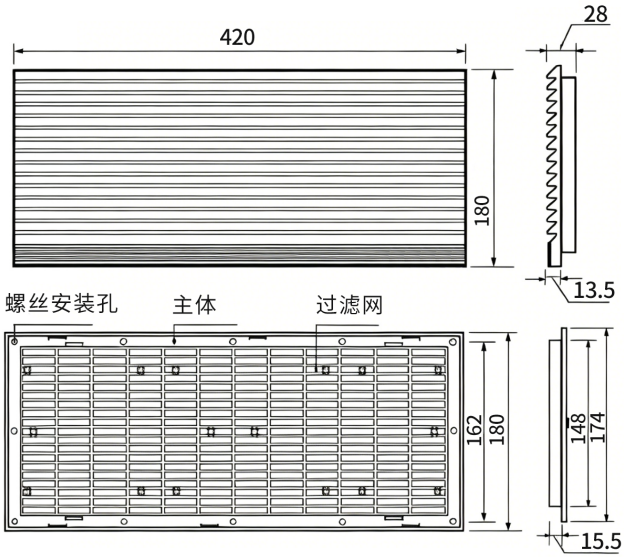


Cut-out Dimensions

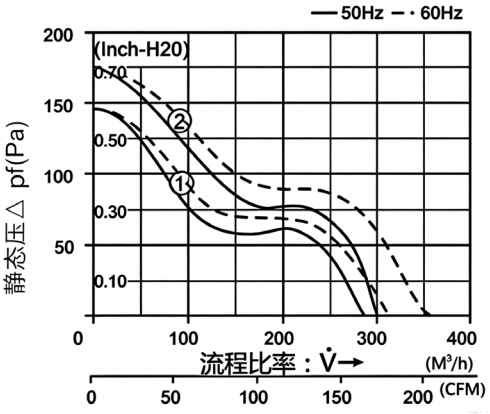


Dimension Drawing

Fan Compatible:3x(120x120)/2x(150x150)



Power Characteristic Curve



Technical Data	TB9807.230	TB9807.115
Order Code	105541	105531
Effective Air-flow	200 m^3/min	
Maximum Air Velocity	2.0m/sec	
Dust Removal Efficiency	80%	
Pressure Loss Range	6.7~20 INCH-H_2O	
Operating Temperature Range	Indoor:-10°C~+85°C	
Outlet Filter Model	TB9807.300 (20601066)	





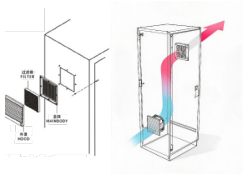
TB9810.230



TB9810.300

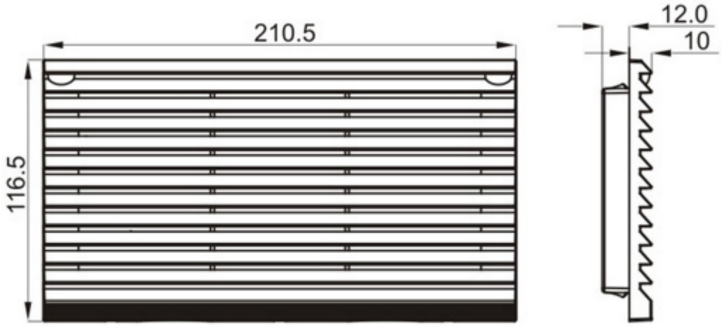
Product Information

Material: ABS
Flammability Rating: UL94 V-0
Protection Class: IP54
Filter Pad Class: G3

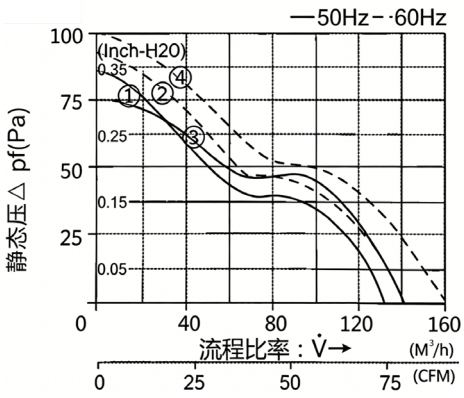


Dimension Drawing

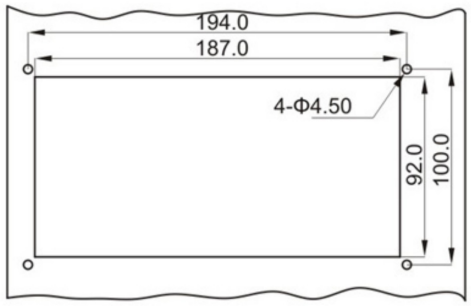
Fan Compatible:2x(92x92)



Power Characteristic Curve



Cut-out Dimensions



Technical Data	TB9810.230	TB9810.115
Order Code	105561	105551
Axial Fan	ZR-92B-230	ZR-92B-115
Rated Voltage / Frequency (V/Hz)	230/50/60	115/50/60
Air-flow, free-blowing	120m³/h	
Rated Current (A)	0.07/0.06	0.12/0.1
Rated Power (W)	5.5/5.3	11/13
Noise Level (dB)	36/38	
Operating Temperature Range	-10°C~+60°C	
Outlet Filter Model	TB98010.300 (20601067)	





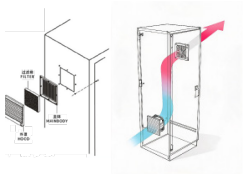
TB9820.230



TB9820.300

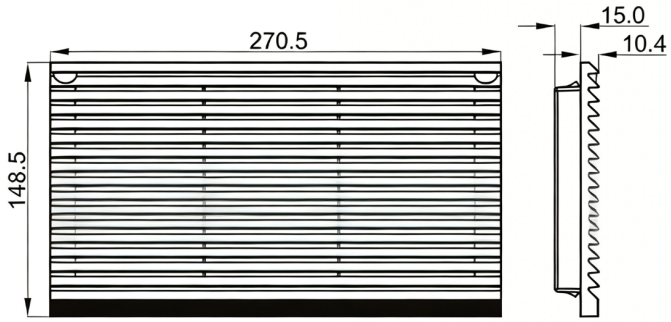
Product Information

Material: ABS
Flammability Rating: UL94 V-0
Protection Class: IP54
Filter Pad Class: G3

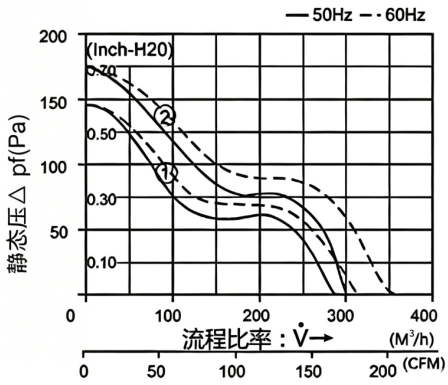


Dimension Drawing

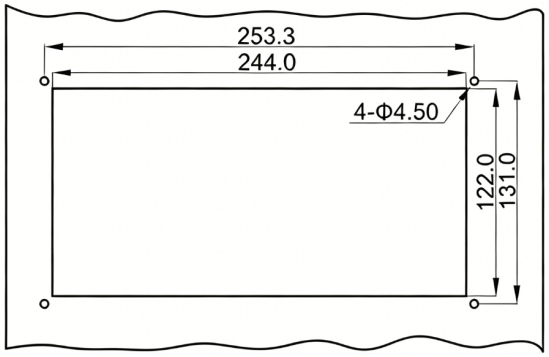
Fan Compatible:2x(120x120)



Power Characteristic Curve



Cut-out Dimensions



Technical Data	TB9820.230	TB9820.115
Order Code	105581	105571
Axial Fan	ZR-120B-230	ZR-120B-115
Rated Voltage / Frequency (V/Hz)	230/50/60	115/50/60
Air-flow, free-blowing	210/220m³/h	
Rated Current (A)	0.12/0.1	0.24/0.23
Rated Power (W)	19/14	18/15
Noise Level (dB)	43/50	
Operating Temperature Range	-10°C~+60°C	
Outlet Filter Model	TB98020.300 (20601068)	