

Low-Noise Half Metal Type Tubular Ventilating Fan
超静音半金属型管道式换气扇



BPT10-13H20-B, BPT10-23H25-B, BPT10-23H30-B
BPT10-23H35-B, BPT15-33H45-B, BPT15-33H55-B

BPT10-13H20-F, BPT10-23H25-F, BPT10-23H30-F
BPT10-23H35-F, BPT15-33H45-F, BPT15-33H55-F
BPT15-44H65-F, BPT15-44H80-F

静革命 Low Noise

大幅降低噪音，静音运行
Noise level dramatically reduced

It is guaranteed by a new motor developed by Nedfon with high-quality ball bearing.

That the upgraded blower perfectly matching the air flue improves the air-tightness.

The resonant coefficient of the metal cabinet is low, which is safe, quite and durable.

通过新型电机-绿岛风NF电机搭配优质滚珠轴承,噪音更小
改进后蜗壳与风道完美融合,减少风声
金属箱体,共震系数小,安全,安静又耐用

低碳革命 Low Carbon

低能耗，长寿命电机
Low energy consumption with a long service life motor

Motor of low-noise half metal type ventilating fan VS Motor of conventional exhaust fan

Nedfon管道式换气扇电机 VS 传统换气扇电机

NF motor developed by Nedfon featuring in low electricity consumption VS Conventional motor resulting in high resistance and high electricity consumption

采用自主研发绿岛风NF电机耗电少 VS 传统电机电阻大,耗电多

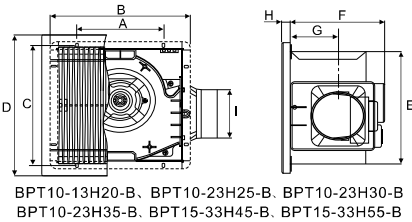
产品革命 Smaller Unit Volume

电机体积小61%
Unit volume is 61% smaller than average

Nedfon NF motor 绿岛风NF电机 VS Conventional motor 传统换气扇电机

直径: 55.5mm VS 直径: 80mm
Dia: 55.5mm VS Dia: 80mm
高度: 55.3mm VS 高度: 65.5mm
Height: 55.3mm VS Height: 65.5mm

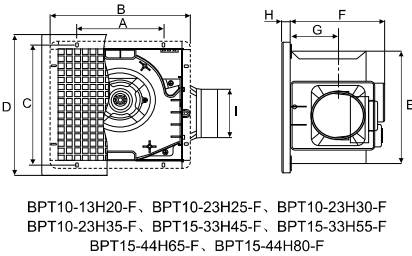
External Dimension 外形尺寸图



Dimension Table 尺寸表

Units 单位:mm									
型号 Model No.	A	B	C	D	E	F	G	H	I
BPT10-13H20-B	110	234	220	260	205	174	88	15	98
BPT10-23H25-B									
BPT10-23H30-B	160	259	245	287	230	174	88	15	
BPT10-23H35-B									
BPT15-33H45-B	140	289	275	320	260	234	117	15	148
BPT15-33H55-B									

External Dimension 外形尺寸图



Dimension Table 尺寸表

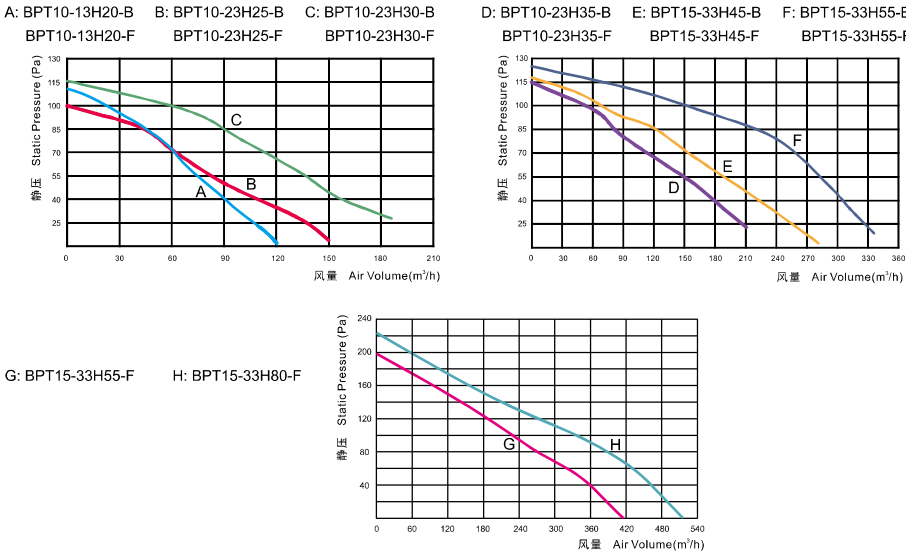
Units 单位:mm									
型号 Model No.	A	B	C	D	E	F	G	H	I
BPT10-13H20-F	110	234	220	260	205	174	88	12	98
BPT10-23H25-F									
BPT10-23H30-F	160	259	245	287	230	174	88	13	
BPT10-23H35-F									
BPT15-33H45-F	140	289	275	320	260	234	117	13	148
BPT15-33H55-F									
BPT15-44H65-F	170	350	335	370	312	241	111	13	
BPT15-44H80-F									

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Electrical Ratings 技术参数

型号 Model No.	额定电压/频率/相数 Rated Voltage/ Frequency/ Phase	风轮直径 Impeller Diameter (mm)	功率 Power (W)	电流 Current (A)	转速 Rotating Speed (R.P.M.)	风量 Air Volume (m³/h)	静压 Static Pressure (Pa)	噪音 Noise (dB(A))	电机绝缘等级 Insulation Class	净重 Net Weight (kg)
BPT10-13H20-B BPT10-13H20-F	220V~ / 50Hz/ 1Ph	120	20	0.09	820	120	114	33	E	2.0
BPT10-23H25-B BPT10-23H25-F		150	16	0.07	630	150	100	34		2.5
BPT10-23H30-B BPT10-23H30-F		150	21	0.10	820	180	115	38		2.5
BPT10-23H35-B BPT10-23H35-F		150	26	0.12	880	210	115	40		2.6
BPT15-33H45-B BPT15-33H45-F		180	27	0.13	510	270	118	36		3.8
BPT15-33H55-B BPT15-33H55-F		180	37	0.17	610	330	125	39		3.8
BPT15-44H65-F		188	48	0.22	770	390	200	43		4.2
BPT15-44H80-F		188	58	0.27	890	480	220	48		4.2

Performance Curve 性能曲线图



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Motor of low-noise half metal type ventilating fan VS Motor of conventional metal type exhaust fan

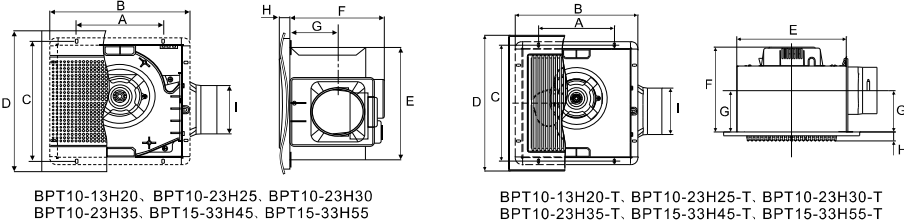
Nedfon管道式换气扇电机 VS 传统换气扇电机

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采用自主研发绿岛风NF电机耗电少 VS 传统电机电阻大,耗电多

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External Dimension 外形尺寸图

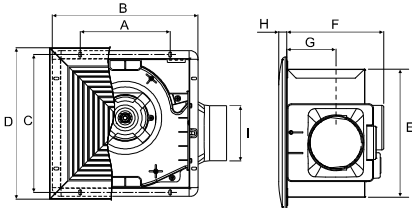


Dimension Table 尺寸表

GMS 半透明									
型号 Model No.	A	B	C	D	E	F	G	H	I
BPT10-13H20 BPT10-13H20-T	110	234	220	260	205	174	88	18.5	98
BPT10-23H25 BPT10-23H25-T	160	259	245	287	230	174	88	19.5	
BPT10-23H30 BPT10-23H30-T									
BPT10-23H35 BPT10-23H35-T									
BPT15-33H45 BPT15-33H45-T	140	289	275	320	260	234	117	21.5	148
BPT15-33H55 BPT15-33H55-T									

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External Dimension 外形尺寸图



Dimension Table 尺寸表

Units 单位:mm

型号 Model No.	A	B	C	D	E	F	G	H	I
BPT10-13H20-A	110	234	220	247	205	174	88	16	98
BPT10-23H25-A	160	259	245	270	230	174	88	20	
BPT10-23H30-A									
BPT10-23H35-A									
BPT15-33H45-A	140	289	275	326	260	234	117	20	148
BPT15-33H55-A									

Electrical Ratings 技术参数

型号 Model No.	额定电压/ 频率/ 相数 Rated Voltage/ Frequency/ Phase	风轮直径 Impeller Diameter (mm)	功率 Power (W)	电流 Current (A)	转速 Rotating Speed (R.P.M.)	风量 Air Volume (m³/h)	静压 Static Pressure (Pa)	噪音 Noise (dB(A))	电机绝缘等级 Insulation Class	净重 Net Weight (kg)
BPT10-13H20 BPT10-13H20-A BPT10-13H20-T	220V~ / 50Hz/ 1Ph	120	20	0.09	820	120	114	33	E	2.0
BPT10-23H25 BPT10-23H25-A BPT10-23H25-T			4.5	0.02	943		65	31.5		2.5
BPT10-23H30 BPT10-23H30-A BPT10-23H30-T		150	16	0.07	630	150	100	34		
BPT10-23H35 BPT10-23H35-A BPT10-23H35-T			5.5	0.03	799		100	32.5		2.5
BPT10-23H45 BPT10-23H45-A BPT10-23H45-T		180	21	0.10	820	180	115	38		2.6
BPT10-23H55 BPT10-23H55-A BPT10-23H55-T			9	0.04	976		120	36		3.8
BPT10-23H65 BPT10-23H65-A BPT10-23H65-T		180	26	0.12	880	210	115	40		3.8
BPT10-23H75 BPT10-23H75-A BPT10-23H75-T			14	0.06	1122		120	38		3.8
BPT10-23H85 BPT10-23H85-A BPT10-23H85-T		180	27	0.13	510	270	118	36		3.8
BPT10-23H95 BPT10-23H95-A BPT10-23H95-T			10.5	0.05	652		140	34.5		3.8
BPT10-23H105 BPT10-23H105-A BPT10-23H105-T		180	37	0.17	610	330	125	39		3.8
BPT10-23H115 BPT10-23H115-A BPT10-23H115-T			20.5	0.09	787		165	37		

Performance Curve 性能曲线图

