



TTTIGER

VENTILATION SOLUTIONS CATALOG

SMART AIRFLOW FOR EVERY INDUSTRY

FOCUS ON
VENTILATION
SOLUTIONS

INDOOR • GROW • LIVESTOCK • INDUSTRIAL



ORGANIZATIONAL STRUCTURE

Company Ecosystem & Operational Bases



200+

Total Employees



30+

R&D Staff



150+

Production Staff

TTTIGER Ventilation



CHONGQING BASE

Precision injection molding and EC motor manufacturing. Smart-line assembly for indoor ventilation, hydroponic grow fans, and cooling fans.

Indoor Ventilation · Hydroponic Grow Fans · Cooling Fan



ZHONGSHAN BASE

Heavy-duty metal fabrication with laser cutting, robotic welding and dynamic balancing. Built for industrial-grade airflow products.

Centrifugal Fans · Industrial Axial · Tunnel & HVAC



SHENZHEN HUB

Global export coordination with 24/7 client support across time zones. Bonded warehousing inside the Greater Bay Area helps improve dispatch efficiency.

Export Logistics · 24/7 Support · GBA Routing



HONG KONG NODE

Multi-currency settlement, LC and TT processing through tier-1 banks. A clean, audit-ready financial layer for cross-border procurement.

USD · EUR · HKD · LC / TT Settlement · Audit-Ready

PERFORMANCE YOU CAN TRUST. TESTED IN OUR OWN LABS.

Every fan we build is backed by rigorous in-house testing. Our advanced laboratories verify airflow, acoustics, durability, corrosion resistance, packaging safety, and climate reliability—so you get consistent performance in every environment.



1. AIRFLOW TEST

AMCA 210

Airflow performance and static pressure curves measured in an AMCA 210 compliant wind tunnel with calibrated instrumentation and pitot grids.



2. NOISE TEST

ISO 3744

Sound power levels measured in a semi-anechoic chamber per ISO 3744 to ensure low-noise performance and acoustic comfort.



3. SALT SPRAY TEST

ASTM B117

Components and finished products are exposed to neutral salt spray to validate corrosion resistance and long-term durability in coastal and harsh environments.



4. MOTOR ENDURANCE

Long-Life Validation

Motors run continuously under controlled load to validate bearing life, insulation, temperature rise, and electrical performance over extended cycles.



5. VIBRATION & DROP

Packaging Reliability

Products and packaging are subjected to vibration and drop tests to ensure protection during shipping and handling from factory to site.



6. THERMAL CYCLING

Climate Validation

Products are cycled between extreme temperatures and humidity levels to verify reliable performance in diverse climates worldwide.

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Ventilation Solutions Catalog

Find the Right Ventilation Solution by Application

From company profile to product selection, this catalog helps customers quickly understand TTTIGER's ventilation solutions for indoor, grow, livestock and industrial applications.

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DF Pro Series

Mixed-Flow Inline Duct Fan

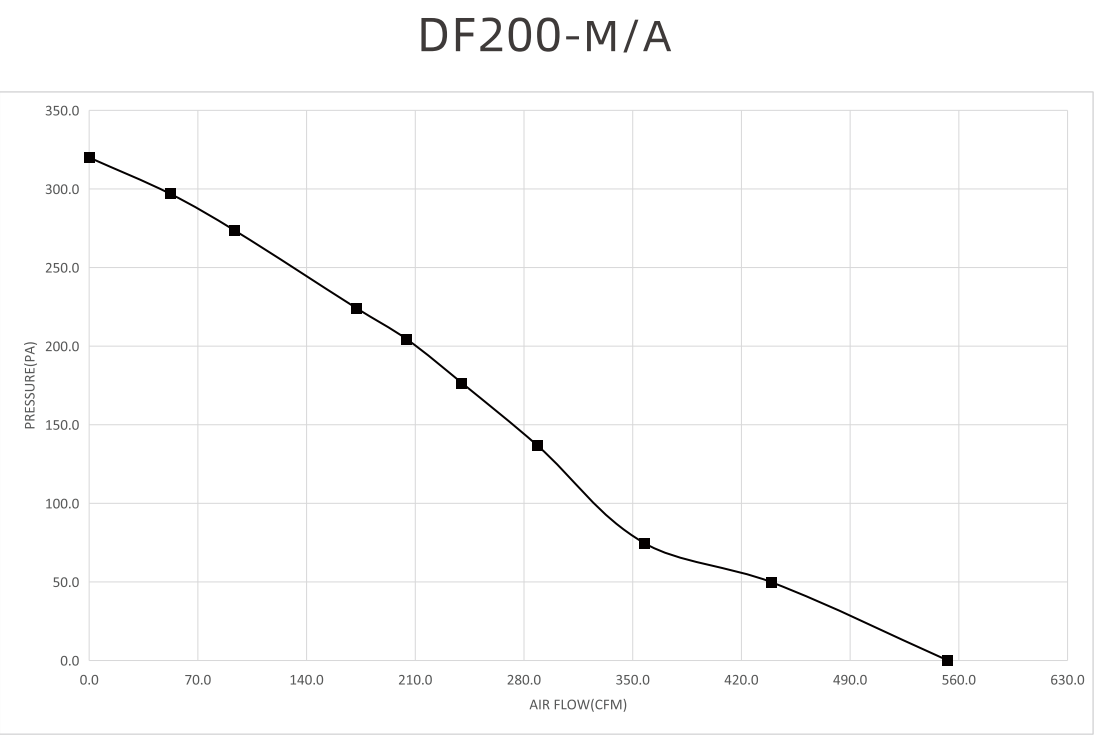
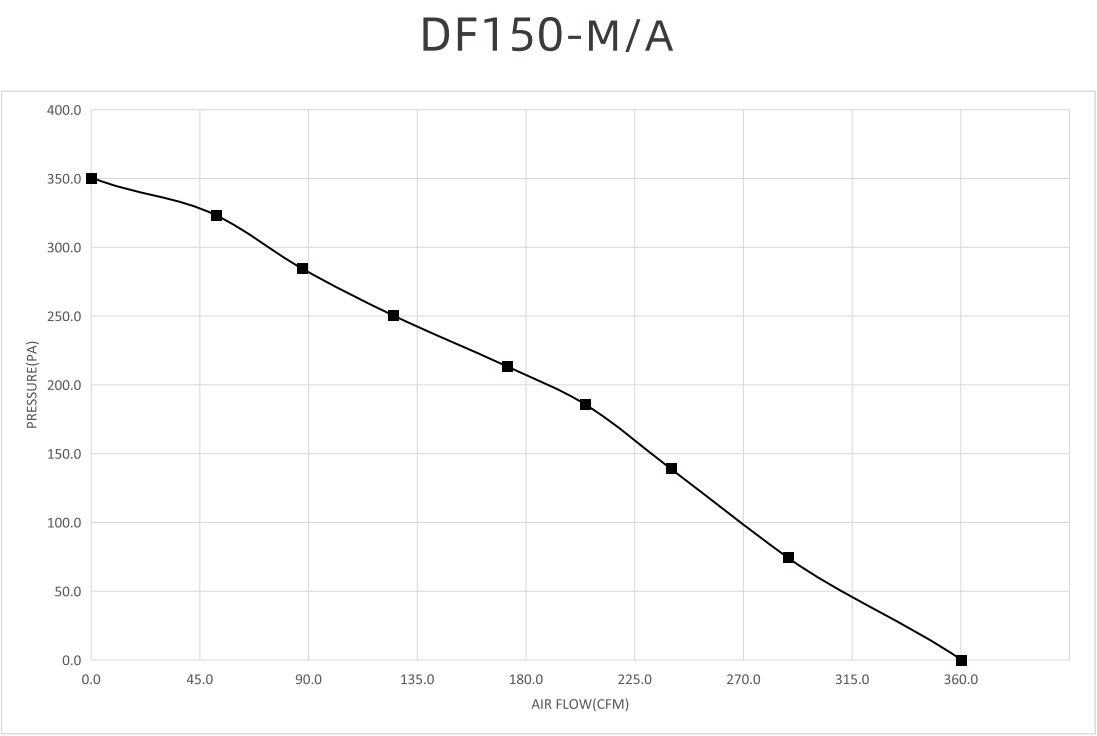
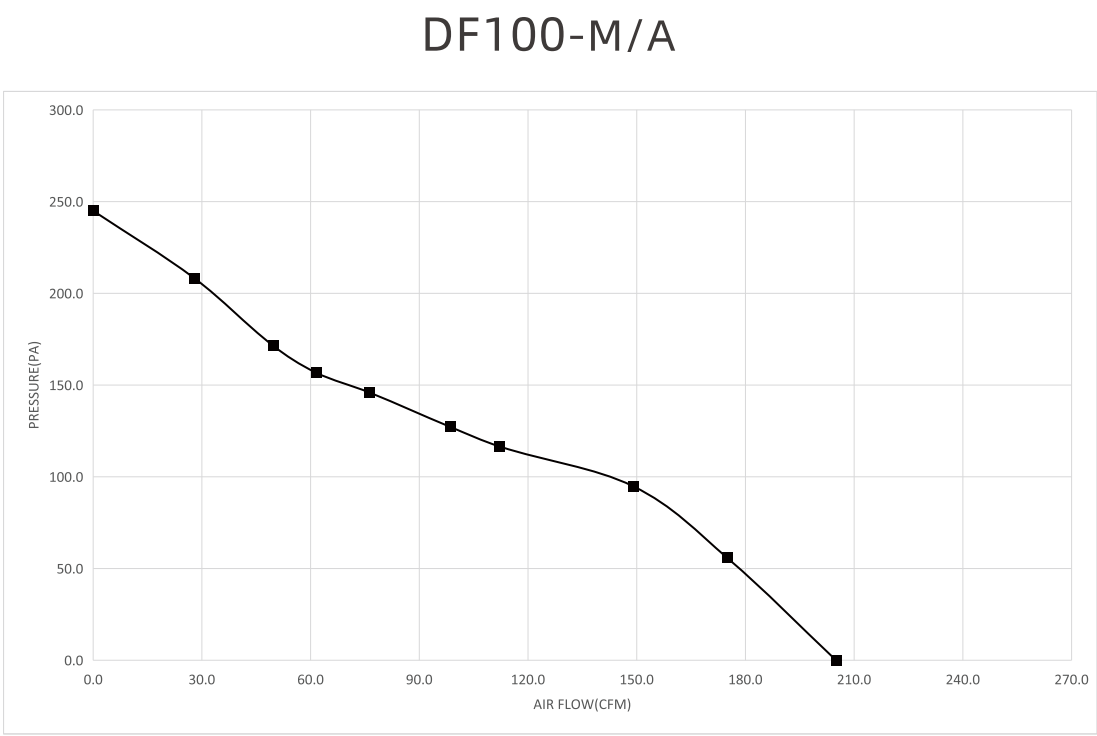
Built with durable PP engineering polymer, this fan offers excellent anti-aging, color-fade resistance, and corrosion resistance. The EC variable-speed motor provides high efficiency, precise speed control, and flexible airflow adjustment through voltage, PWM, or pulse control. Its aerodynamic design ensures high pressure, large airflow, low noise, and low energy consumption. The unique clamp structure allows easy installation, secure sealing, and convenient maintenance.



PERFORMANCE PARAMETER

(model)	(v)	(w)	(RPM)	CFM	(Pa)	(dB)	(Kg)
DF100-M/A	100-240	24	2600	205	245	28	1.6
DF150-M/A	100-240	50	2500	350	360	32	2.2
DF200-M/A	100-240	70	2000	553	320	42	3.2

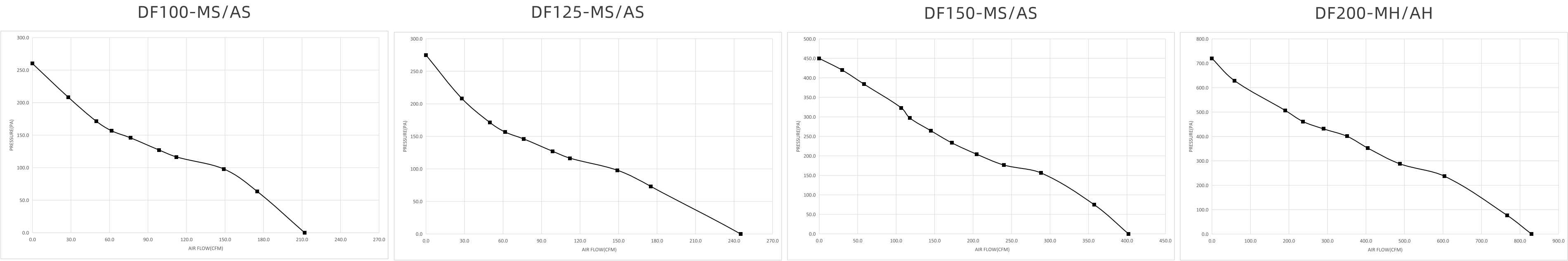
PERFORMANCE CURVES



PERFORMANCE PARAMETER

(model)	(v)	(w)	(RPM)	CFM	(Pa)	(dB)	(Kg)
DF100-MS/AS	100-240	30	2800	212	260	28	1.7
DF125-MS/AS	100-240	30	3000	245	275	30	1.7
DF150-MS/AS	100-240	65	2800	402	450	34	2.3
DF200-MH/AH	100-240	180	3000	830	720	51	3.4

PERFORMANCE CURVES





DF Essential Series

Mixed-Flow Inline Duct Fan

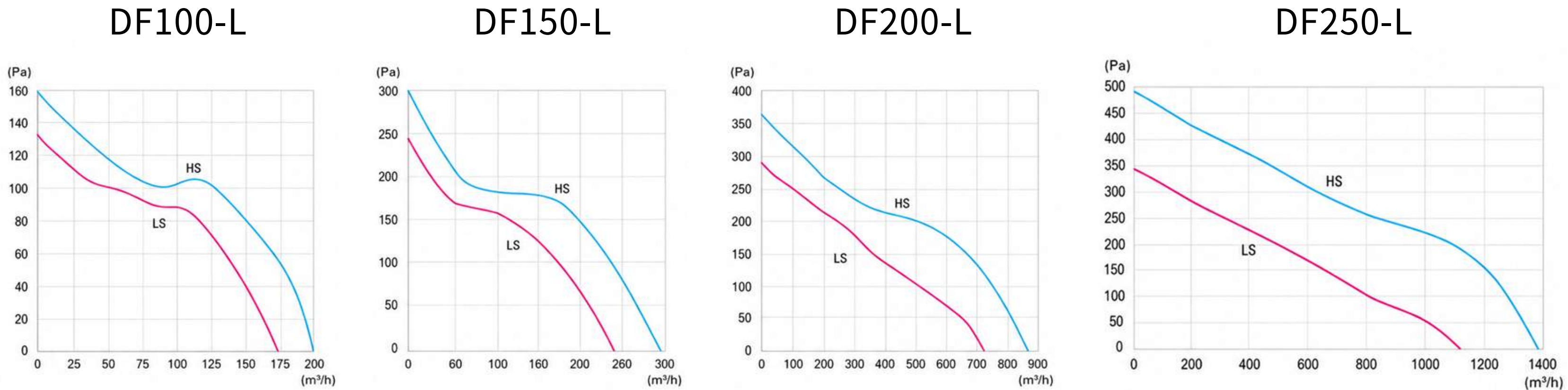
Energy-saving EC inline duct fan with powerful airflow, quiet operation, and durable PP housing — ideal for home ventilation, fresh air systems, and HVAC duct airflow boosting.



PERFORMANCE PARAMETER

(model)	(v)	(w)	(RPM)	m ³ /h	(Pa)	(dB)	(Kg)
DF100-L	110-240	30	2700	310	160	28	1.85
DF150-L	110-240	50	2700	540	300	30	2.5
DF200-L	220	80	2300	1200	368	34	3.2
DF250-L	220	160	2400	1600	493	51	6.5

PERFORMANCE CURVES



The image is a composite of three panels. The top-left panel shows a close-up of the TF Series Bidirectional Integrated Duct Fan, a white cylindrical unit with a motor and a circular grille, with blue arrows indicating airflow. The top-right panel shows the same fan installed in a ceiling, with a large blue arrow indicating airflow direction. The bottom panel shows the fan installed in a modern kitchen ceiling, with a blue arrow indicating airflow direction. The fan is a white, cylindrical unit with a motor and a circular grille. It is designed for home HVAC and fresh air ventilation systems. The fan is shown in three different contexts: a close-up, a view of the fan installed in a ceiling, and a view of the fan installed in a kitchen ceiling. The fan is shown in a modern kitchen setting, with a white countertop and wooden cabinets. The fan is shown in a modern living room setting, with a white sofa and a large window. The fan is shown in a modern office setting, with a white desk and a large window.

TF Series

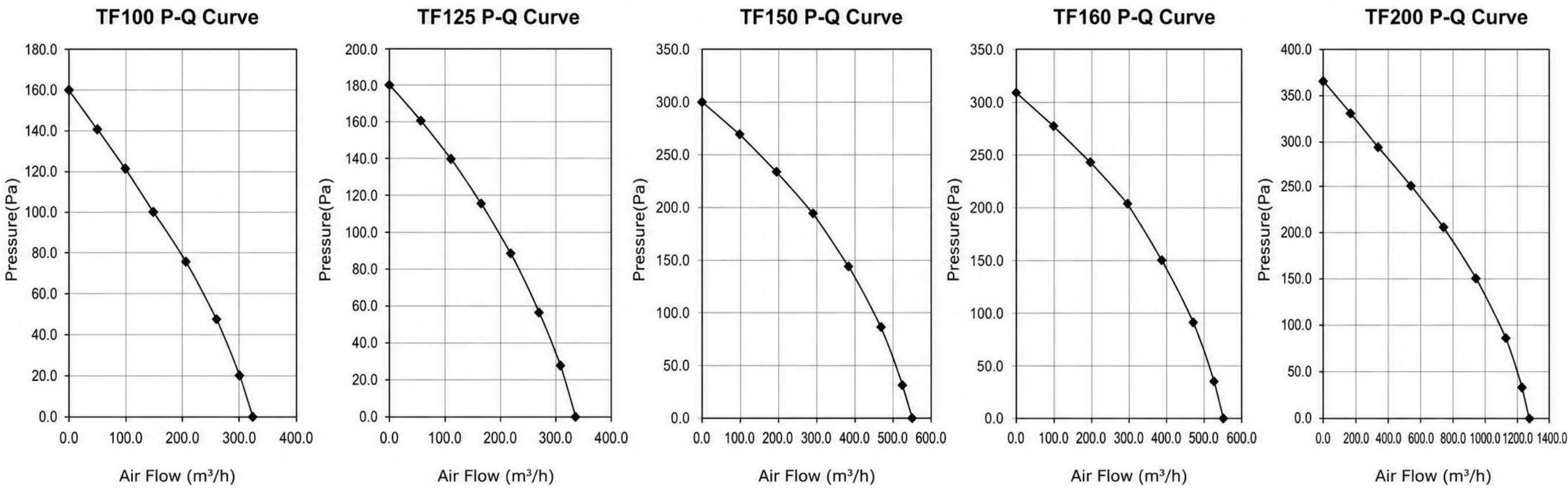
Bidirectional Integrated Duct Fan

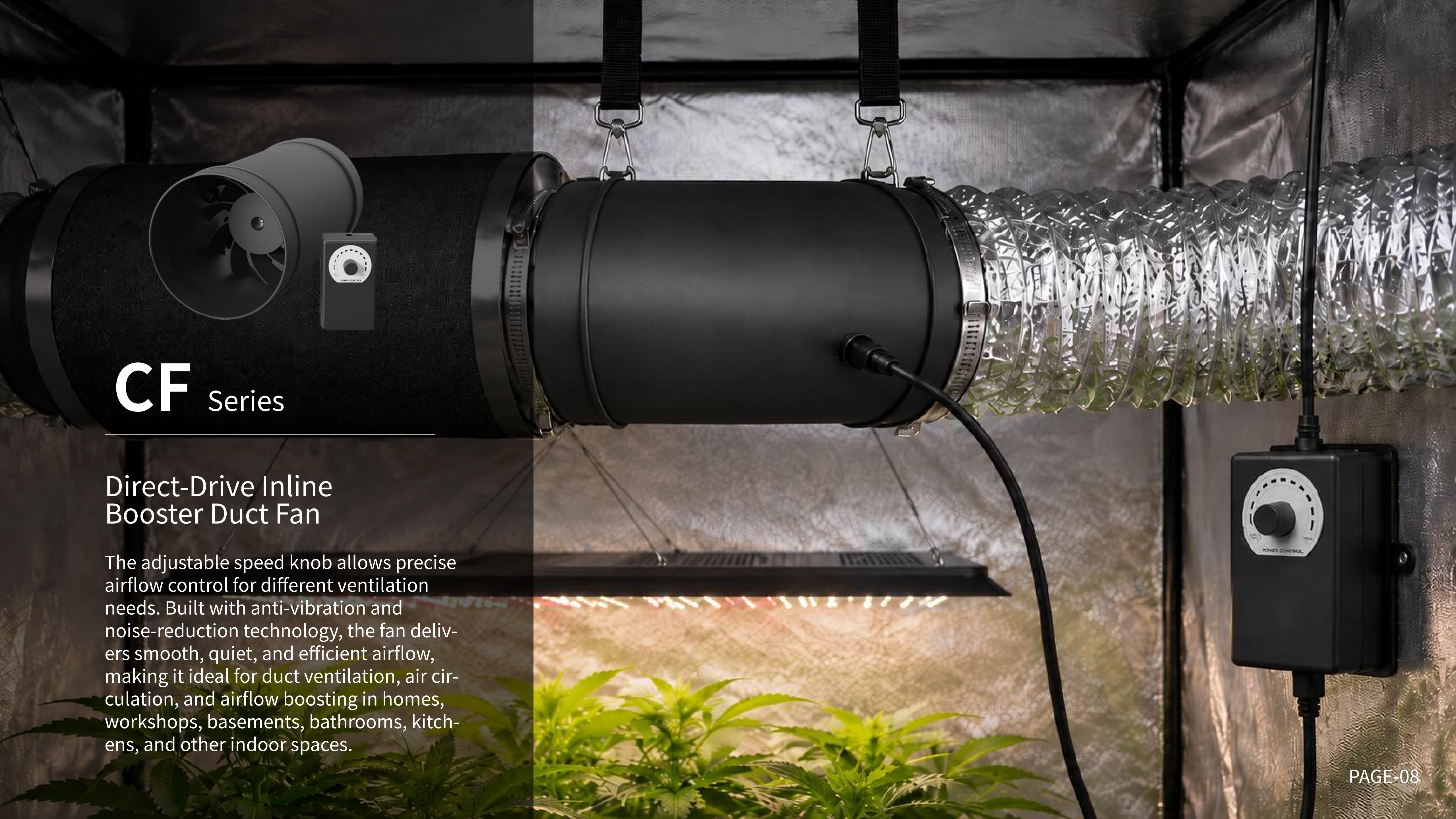
This EC two-way integrated inline duct fan is designed for home HVAC and fresh air ventilation systems. Built with a durable PP housing and energy-saving EC motor, it provides strong airflow, low noise, lower energy consumption, and efficient air supply and exhaust performance.

PERFORMANCE PARAMETER

(model)	(v)	(w)	(RPM)	m ³ /h	(Pa)	(dB)	(Kg)
TF100	110-240	30	2700	310	160	28	1.85
TF125	110-240	35	2700	310	180	28	2.1
TF150	110-240	30	2700	540	300	30	2.5
TF160	110-240	35	2700	540	310	30	2.65
TF200	220	35	2300	1200	368	34	3.2

PERFORMANCE CURVES





CF Series

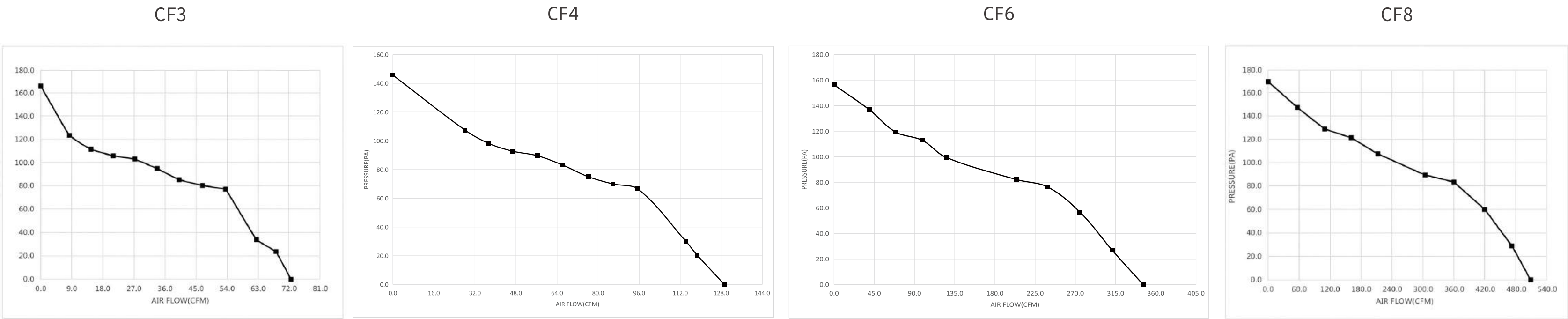
Direct-Drive Inline Booster Duct Fan

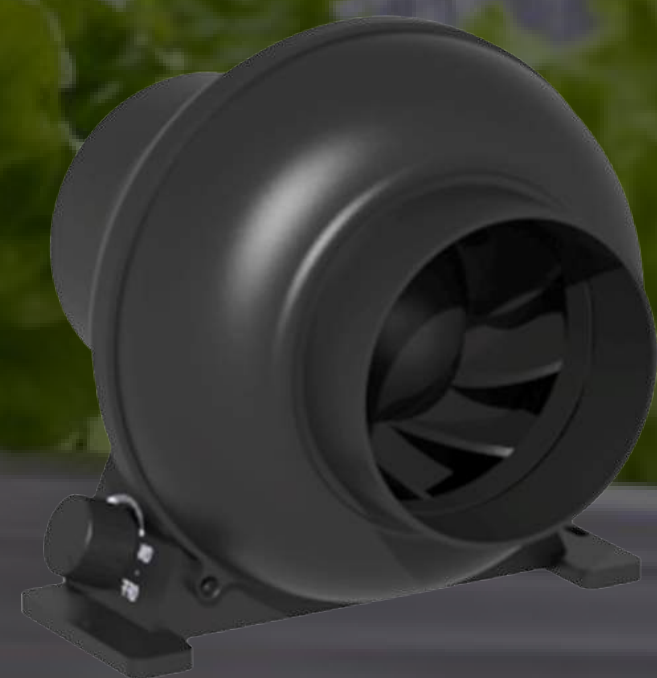
The adjustable speed knob allows precise airflow control for different ventilation needs. Built with anti-vibration and noise-reduction technology, the fan delivers smooth, quiet, and efficient airflow, making it ideal for duct ventilation, air circulation, and airflow boosting in homes, workshops, basements, bathrooms, kitchens, and other indoor spaces.

PERFORMANCE PARAMETER

(model)	(v)	(w)	(RPM)	(CFM)	(Pa)	(dB)	(Kg)
CF3	100-240	7	7000	68	166	28	0.2
CF4	100-240	7	4500	130	145	30	0.4
CF6	100-240	22	3000	345	155	34	0.7
CF8	100-240	44	2500	480	171	45	1.0

PERFORMANCE CURVES





BF Series

Centrifugal Duct Fan

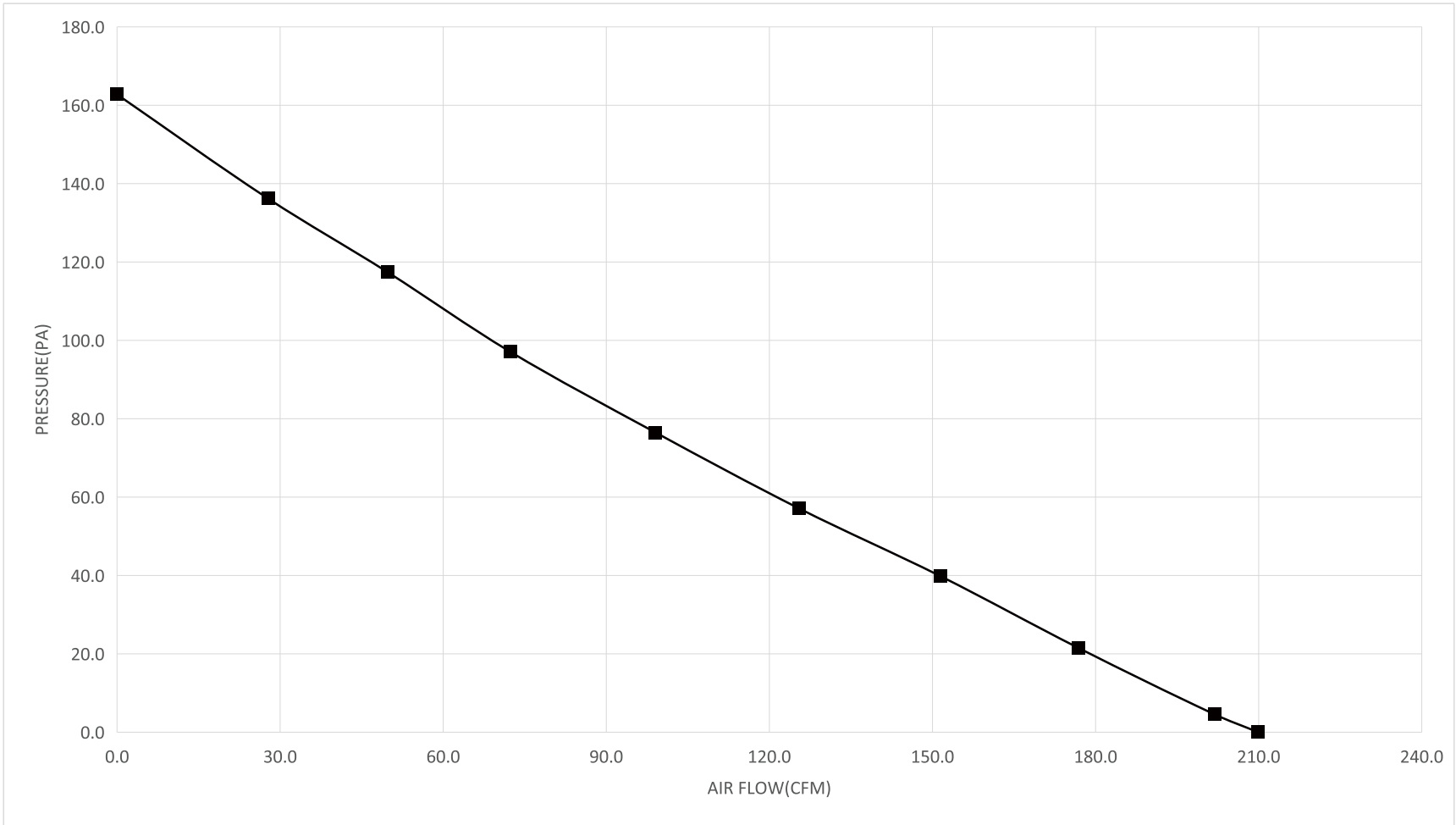
This EC inline duct fan is designed for grow room, hydroponic, and greenhouse ventilation. Built with a durable PP housing and energy-saving EC DC motor, it delivers strong airflow, low power consumption, quiet operation, and flexible speed control. Ideal for removing heat, humidity, and odors while improving air circulation for indoor growing environments.

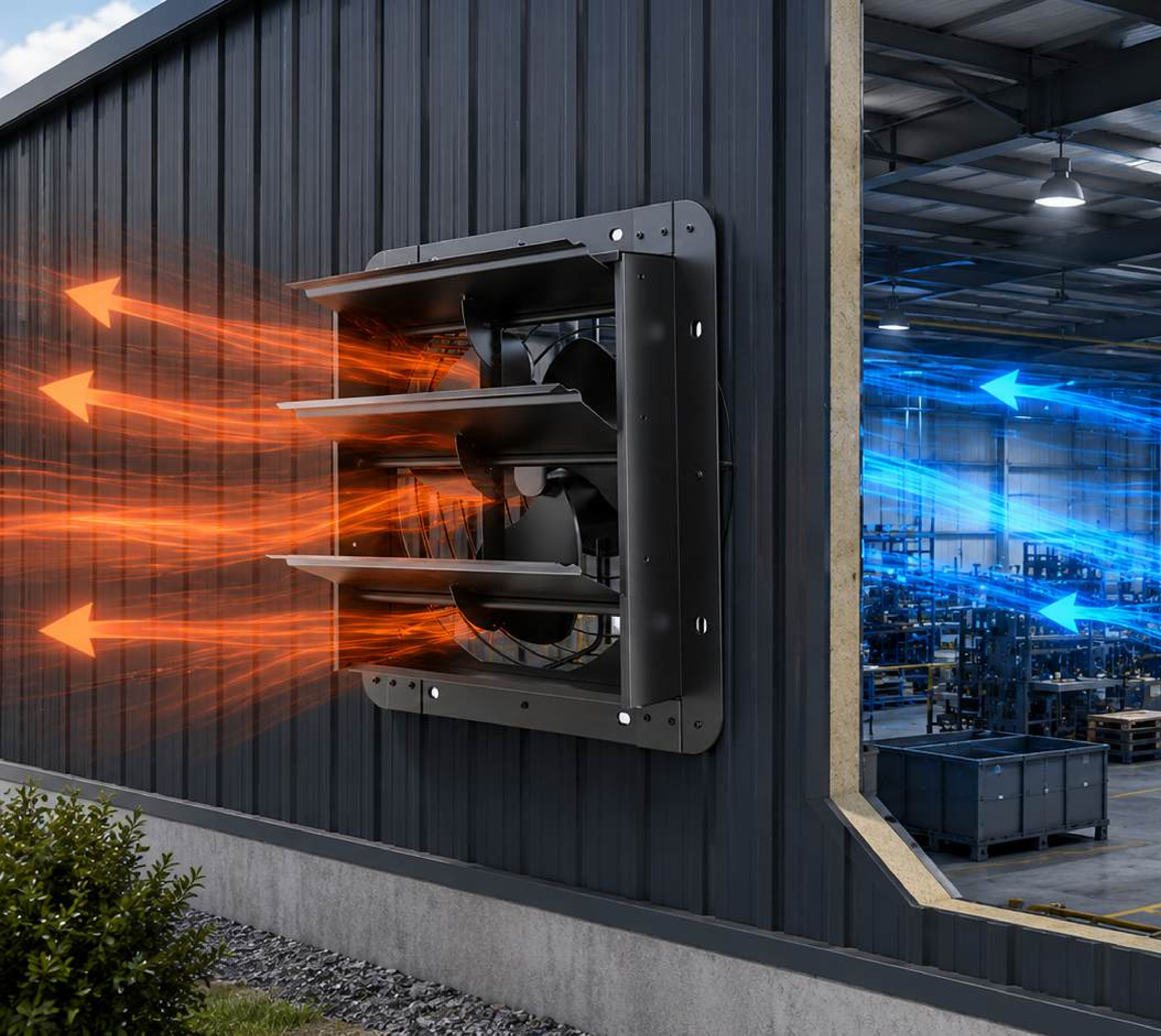


PERFORMANCE PARAMETER

(model)	(v)	(w)	(RPM)	CFM	(Pa)	(dB)	(Kg)
BF4	110-240	18	2800	210	300	28	0.7

PERFORMANCE CURVES





WF Series

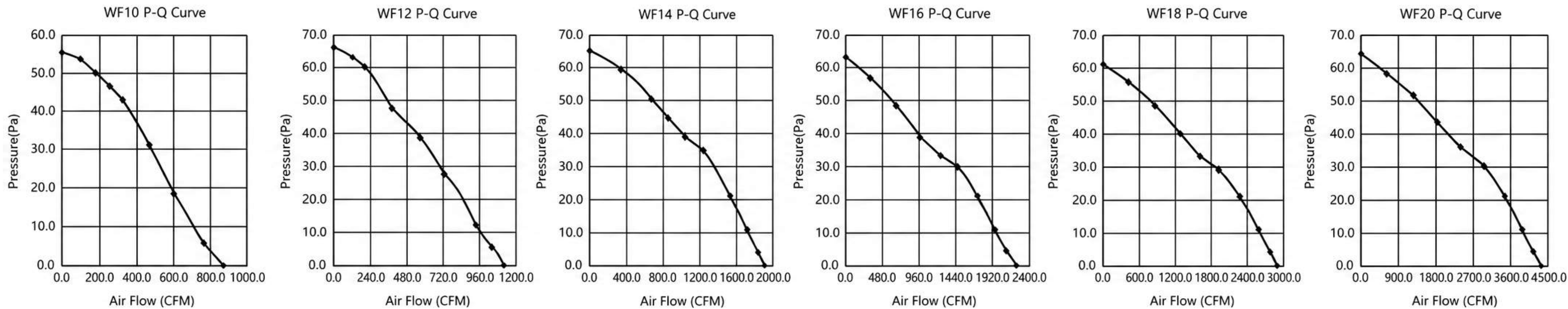
Metal Louvered Exhaust Fan

This EC metal shutter exhaust fan is designed for industrial and commercial ventilation. With an energy-saving EC motor, strong exhaust airflow, and durable metal louvers, it helps remove heat, smoke, odors, and humidity efficiently. The shutter opens automatically when powered on and closes when powered off, preventing insects, rainwater, and outdoor debris from entering.

PERFORMANCE PARAMETER

(model)	(v)	(w)	(RPM)	(CFM)	(Pa)	(dB)	(Kg)
WF-10	110-240	20	1700	844	55	58	2.6
WF - 12	110-240	30	1600	1030	67	65	2.8
WF-14	110-240	45	1700	1858	65	73	3.5
WF-16	110-240	70	1350	2060	63	80	4.5
WF-18	110-240	70	1450	2768	61	87	5.2
WF-20	110-240	60	1350	4000	64	95	6.4

PERFORMANCE CURVES





WF2011

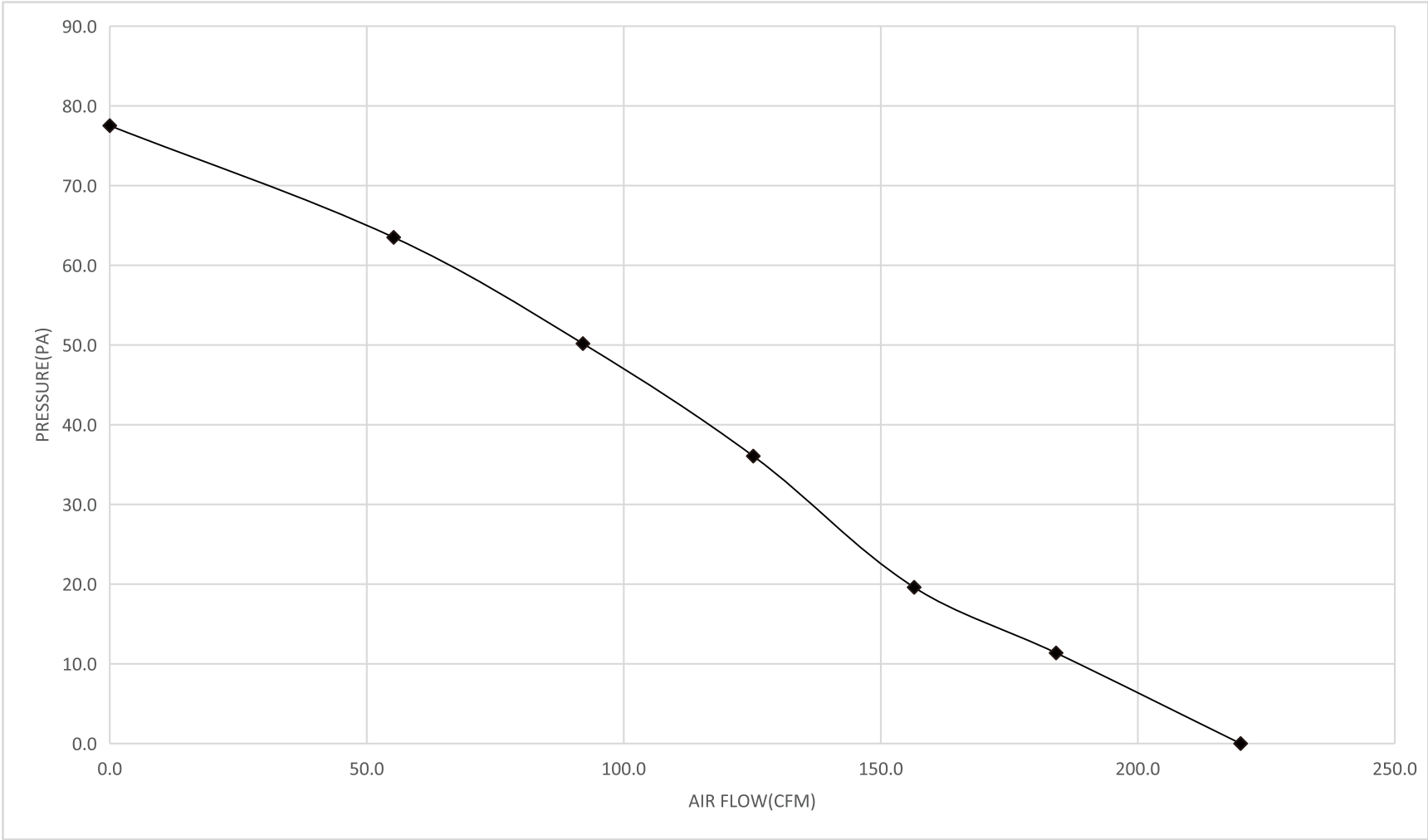
Crawl Space Exhaust Fan

This crawl space ventilation fan is designed to exhaust moisture, odors, and stale air from crawl spaces, basements, garages, and attics. With built-in humidity control, it can automatically adjust operation based on the humidity level, helping keep the space dry, fresh, and protected from mold and dampness.

PERFORMANCE PARAMETER

(model)	(v)	(w)	(RPM)	(CFM)	(Pa)	(dB)	(Kg)
WF2011	100-240	12	3000	220	85	40	2

PERFORMANCE CURVES





WF3313

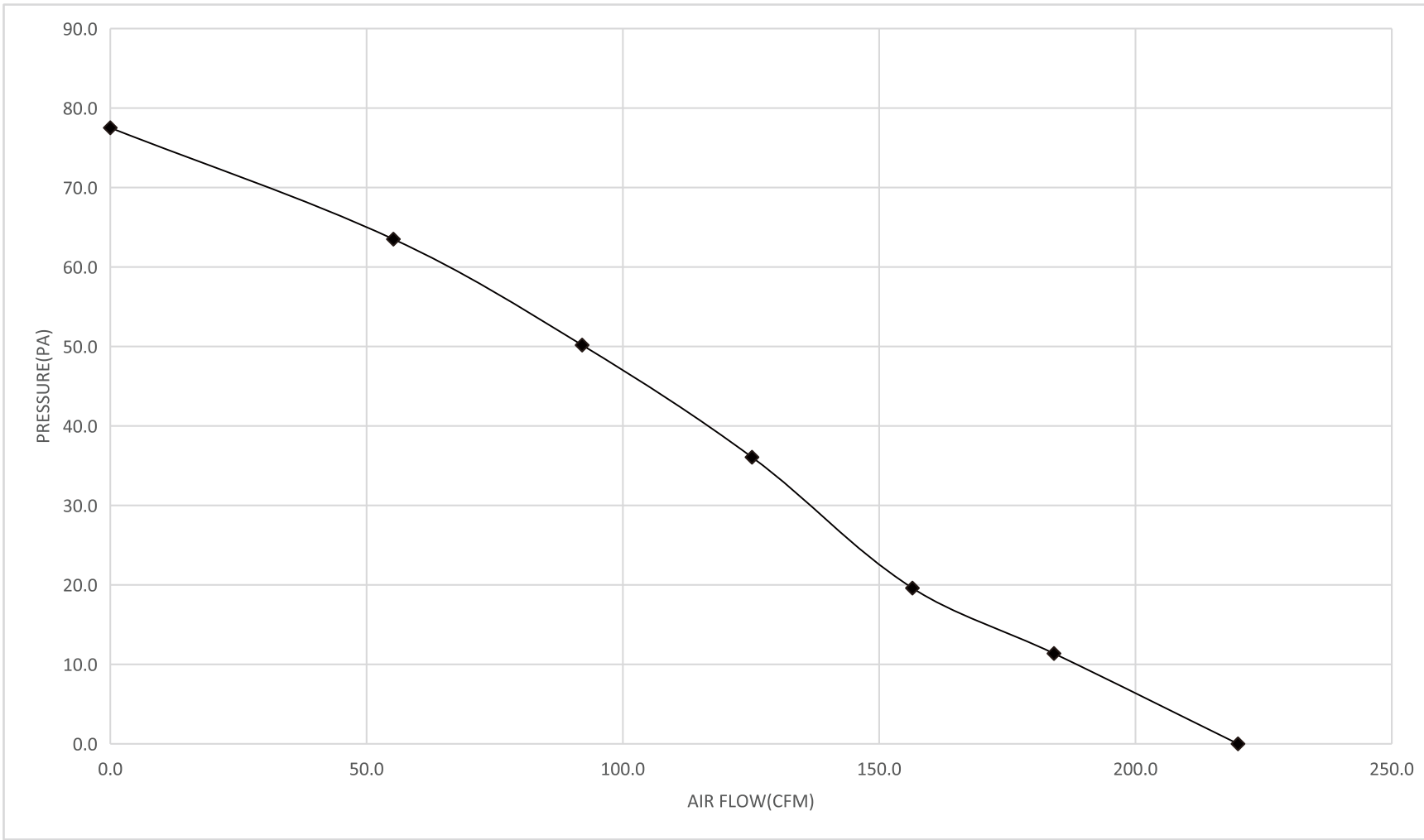
Crawl Space Exhaust Fan

This crawl space ventilation fan is designed to exhaust moisture, odors, and stale air from crawl spaces, basements, garages, and attics. With built-in humidity control, it can automatically adjust operation based on the humidity level, helping keep the space dry, fresh, and protected from mold and dampness.

PERFORMANCE PARAMETER

(model)	(v)	(w)	(RPM)	(CFM)	(Pa)	(dB)	(Kg)
WF3313	100-240	12	3000	220	85	40	2

PERFORMANCE CURVES





RF Series

Plant Tent Clip Fan

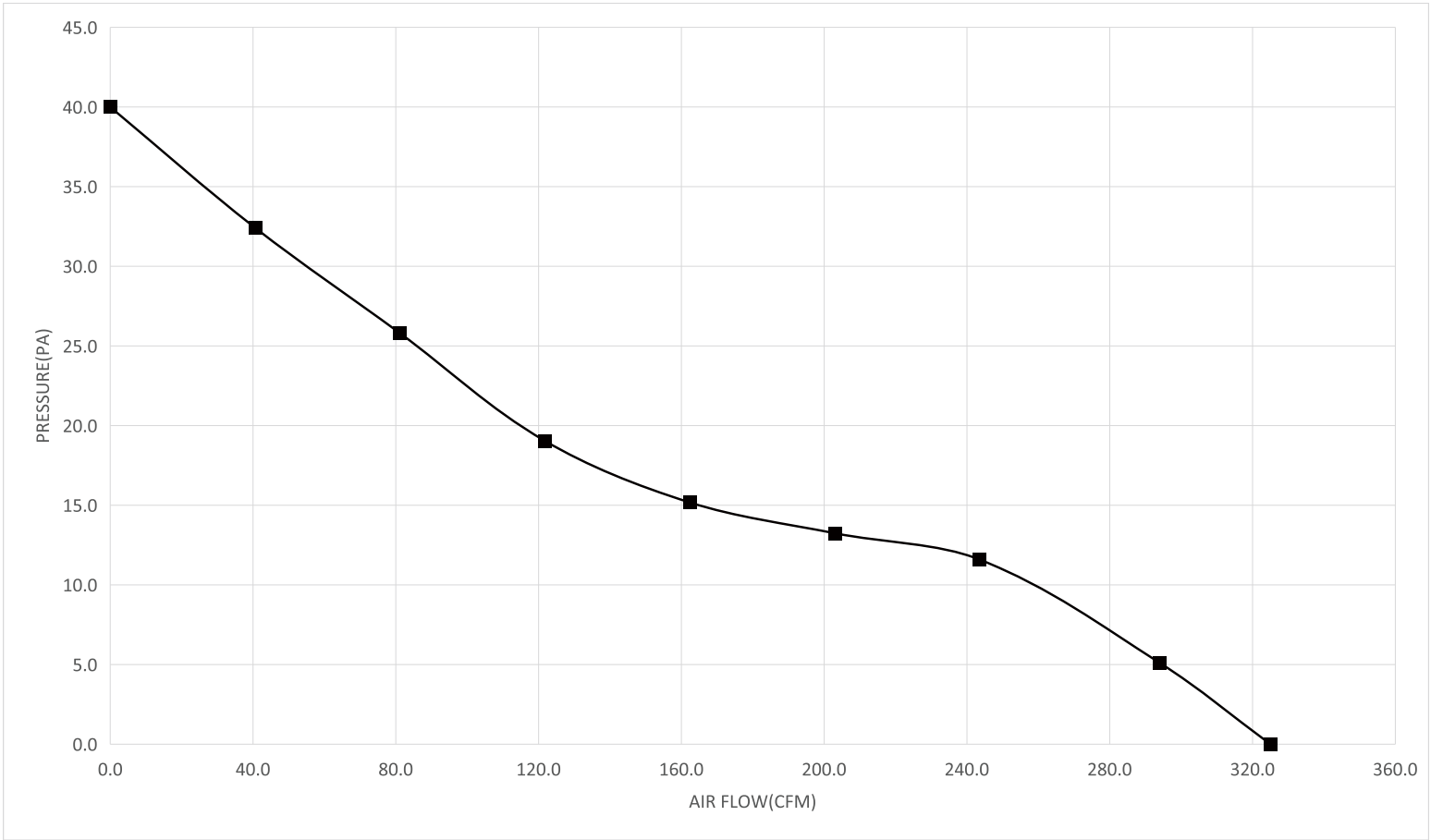
This oscillating clip fan is designed for grow tents and indoor plant ventilation. With multiple speed settings, natural wind modes, two clip options, and 45°/90° oscillation, it provides wider airflow coverage for different growth stages — from gentle breeze for seedlings to stronger airflow for flowering and pollination.



PERFORMANCE PARAMETER

(model)	(v)	(w)	(RPM)	(CFM)	(Pa)	(Kg)
RF6-BI	100-240	10	2000	320	40	0.8
RF6-SI	100-240	10	2000	320	40	0.7

PERFORMANCE CURVES





FM Series

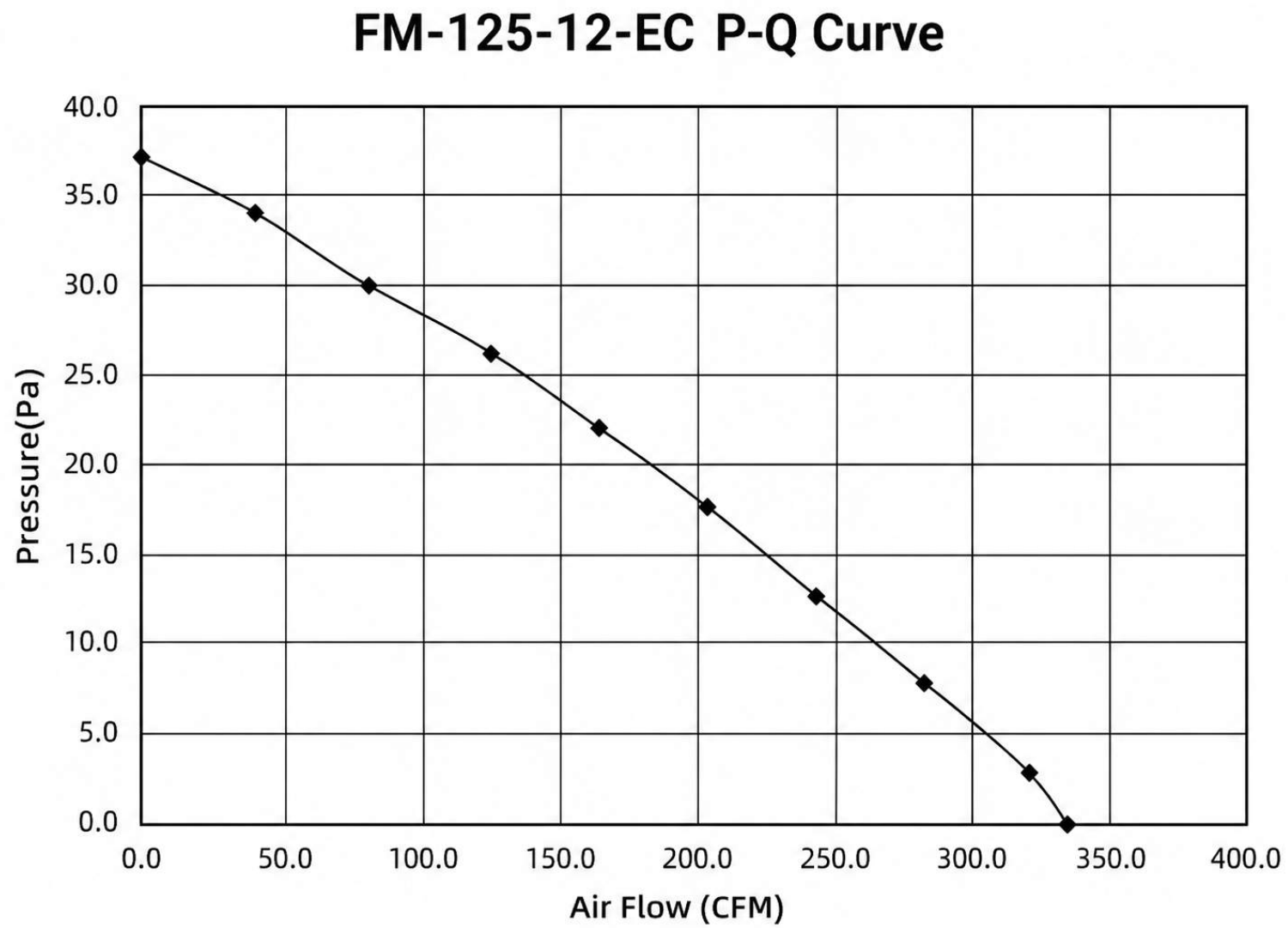
Air Curtain

This air curtain creates a strong invisible air barrier to block dust, insects, smoke, odors, and outdoor air while reducing air-conditioning loss. With a rust-resistant metal housing, adjustable air guide vane, two-speed control, pure copper motor, and quiet fan wheel, it delivers stable airflow, low noise, energy-saving performance, and easy installation for commercial entrances.

PERFORMANCE PARAMETER

(model)	(v)	(w)	(RPM)	(CFM)	(db)	(Kg)
FM-125-12-EC	110-240	110	1300	335	71	8.5

PERFORMANCE CURVES





DPT Series

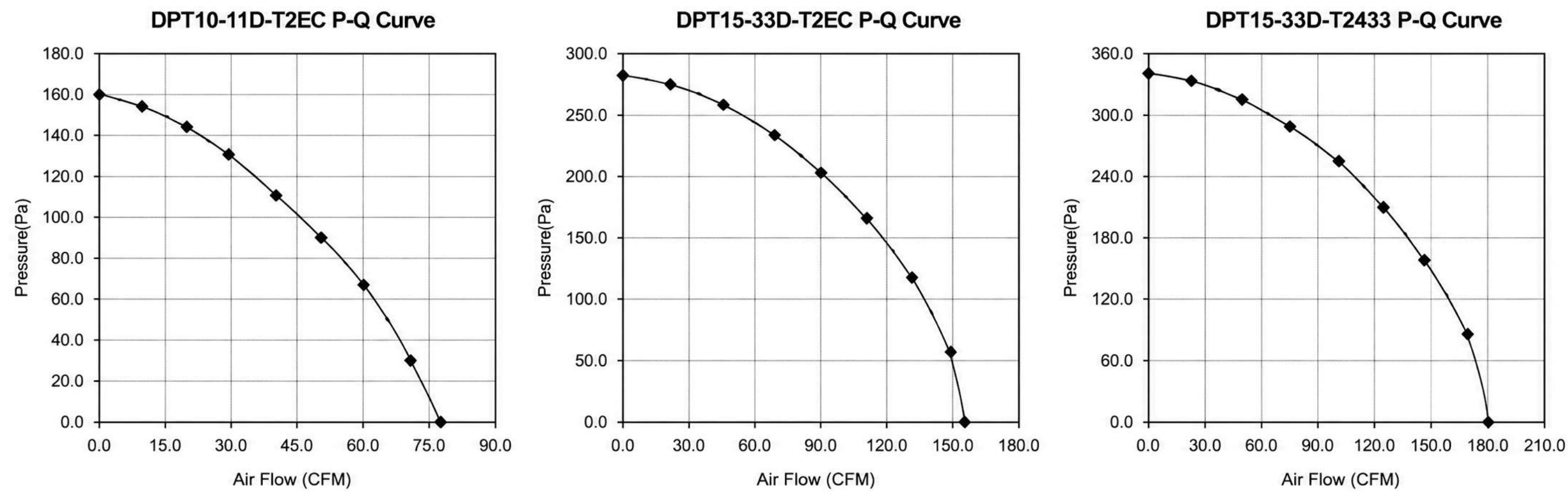
Split-type silent fan

This split-type silent ventilation fan is designed for quiet indoor exhaust and duct ventilation. Its remote installation design helps reduce noise in the living area, while the multi-port structure provides flexible connection for bathrooms, kitchens, laundry rooms, and other indoor spaces.

PERFORMANCE PARAMETER

(model)	(v)	(w)	(CFM)	(Pa)	(db)	(Kg)
DPT10-11D-T2EC	110-240	10	75	160	44	1.8
DPT15-33D-T2EC	110-240	21	155	281	53	3.1
DPT15-33D-T2433	110-240	30	180	336	52	3.1

PERFORMANCE CURVES





KF Series

Quiet Exhaust Fan

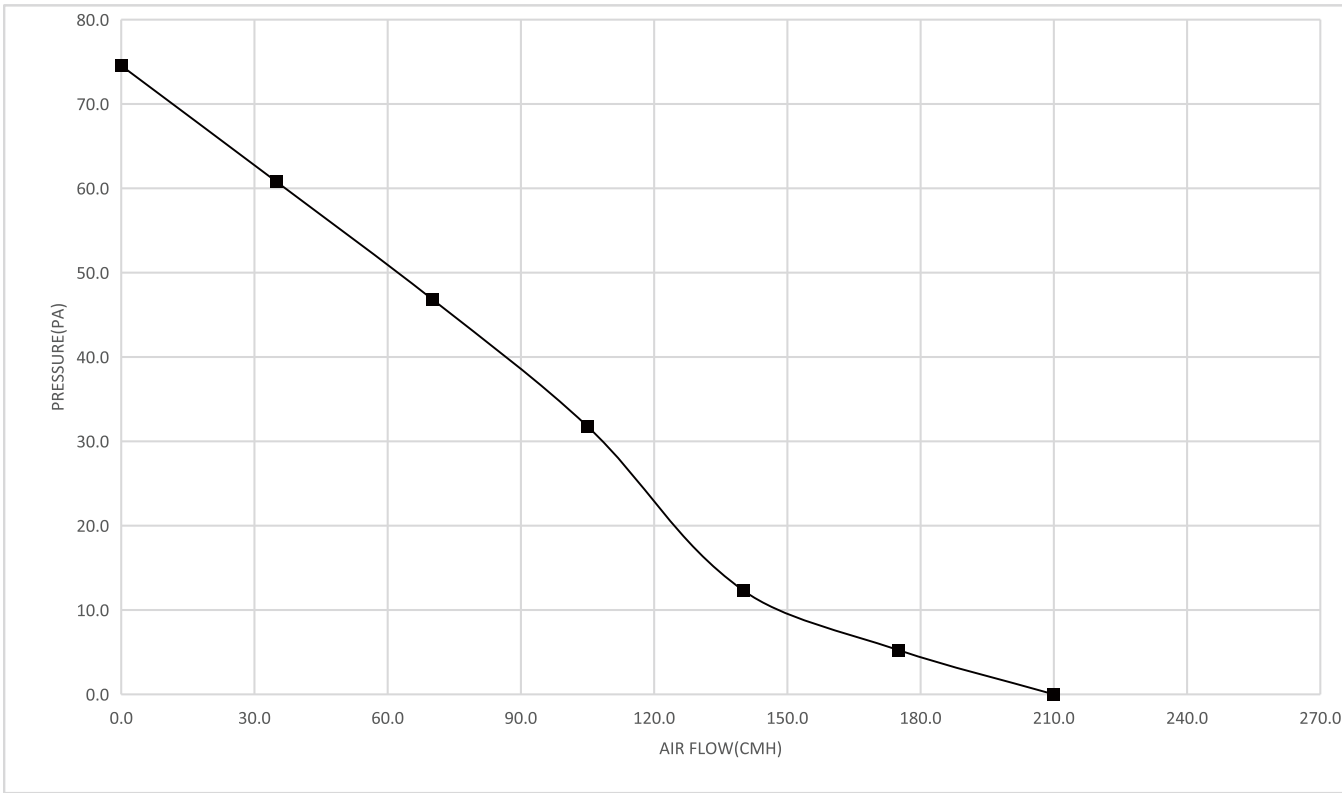
This compact silent duct fan is designed for quiet indoor exhaust ventilation. With a protective front grille, single duct outlet, and compact structure, it helps remove moisture, odors, and stale air from bathrooms, kitchens, laundry rooms, and other indoor spaces.

PERFORMANCE PARAMETER

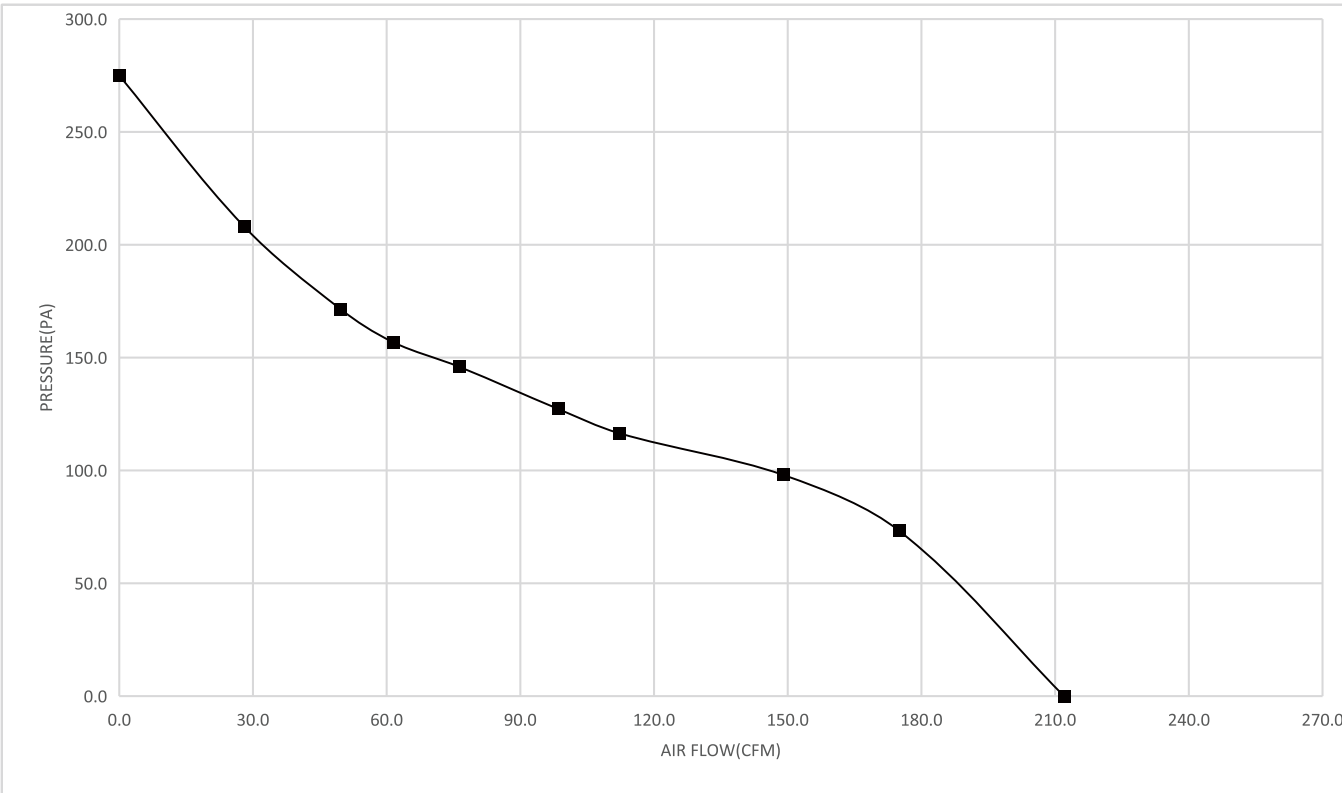
(model)	(v)	(w)	(RPM)	CFM	(Pa)	(dB)	(Kg)
KF6	110-240	10	2700	310	80	45	1.1
KF8	110-240	25	2400	580	90	48	1.5

PERFORMANCE CURVES

KF6



KF8





US Series

Ultra-thin quiet fan

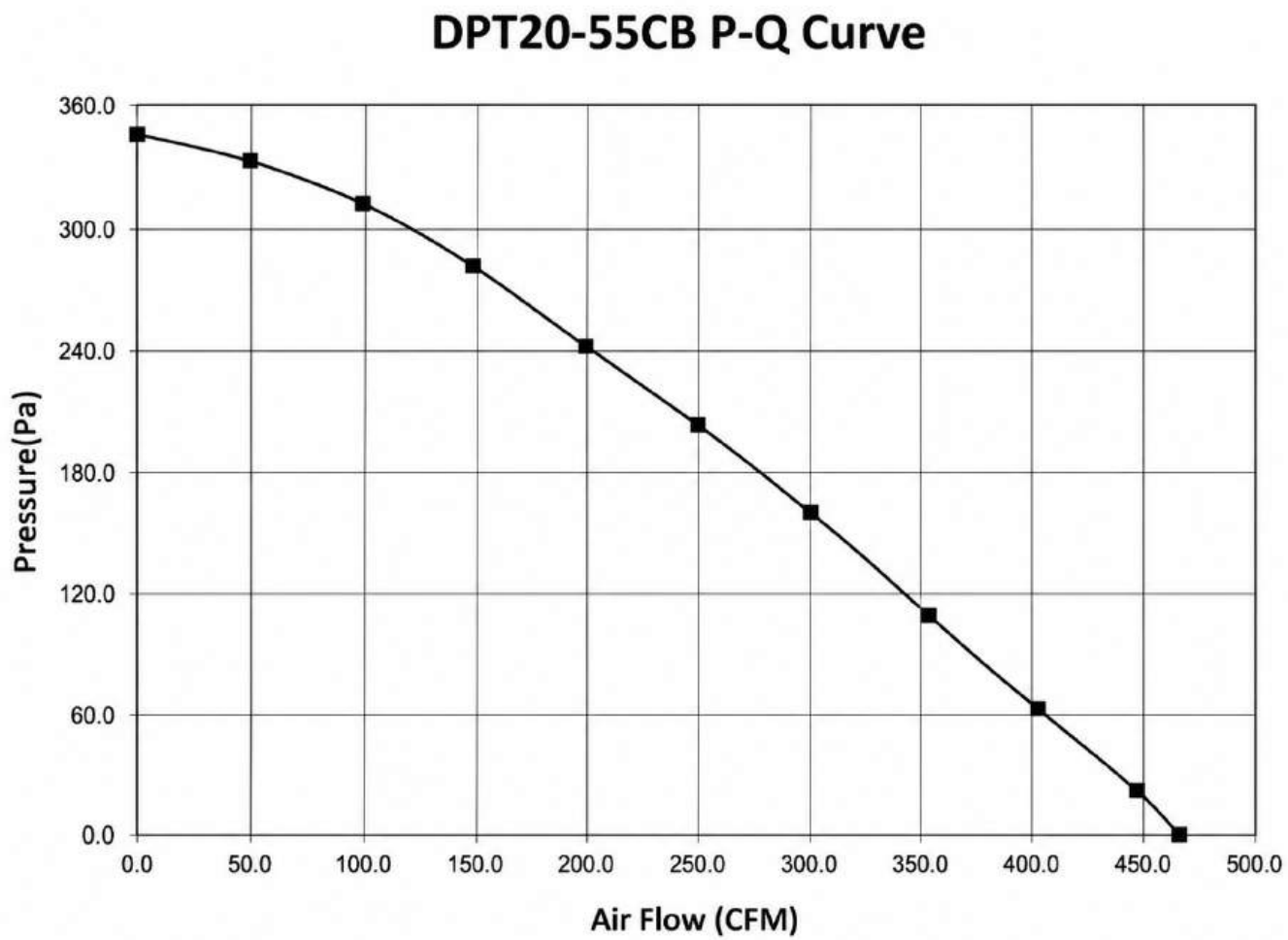
This ultra-slim metal silent ventilation fan is designed for compact ceiling and duct installation. With a low-profile metal housing, quiet operation, and efficient exhaust performance, it helps remove moisture, odors, and stale air from bathrooms, kitchens, offices, hotels, and other indoor spaces.



PERFORMANCE PARAMETER

(model)	(v)	(w)	(CFM)	(Pa)	(dB)	(Kg)
US20-55CB	110-240	95	470	352	56.9	9

PERFORMANCE CURVES





KJT Series

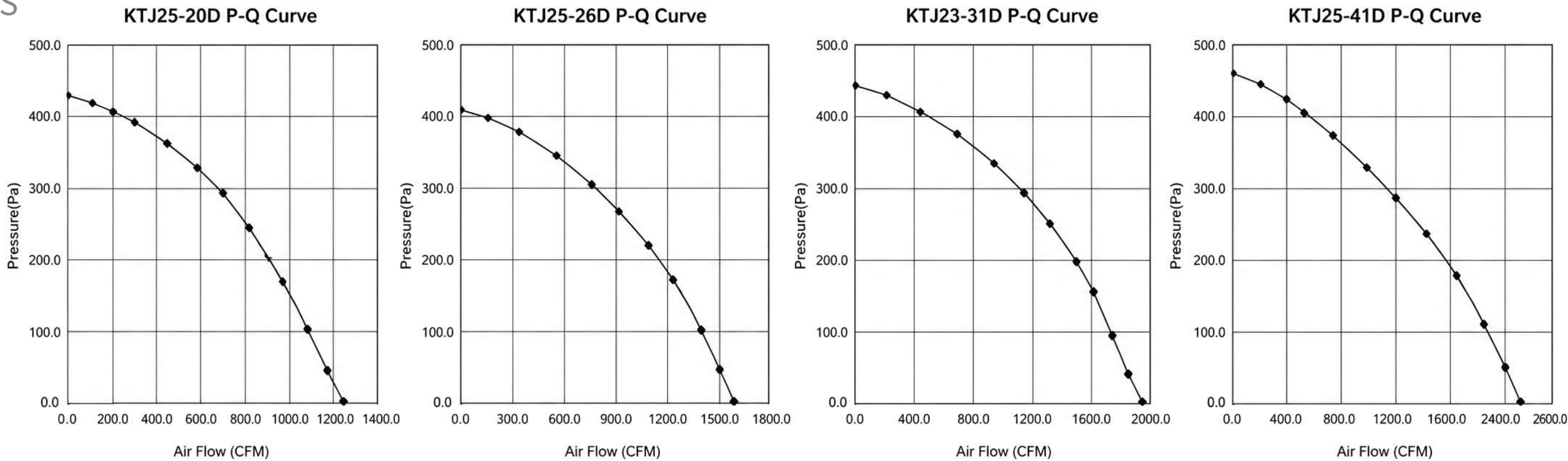
Centrifugal Air Handling Unit

This centrifugal cabinet fan is designed for commercial and industrial duct ventilation. With a durable metal housing, high-pressure centrifugal impeller, low-noise cabinet structure, and easy maintenance design, it provides strong airflow and stable exhaust performance for HVAC systems, factories, workshops, restaurants, and large indoor spaces.

PERFORMANCE PARAMETER

(model)	(v)	(w)	(RPM)	(CFM)	(Pa)	(dB)	(Kg)
KTJ25-20D	220/380	250	1340	1176	430	55	28.4
KTJ25-26D	220/380	370	1340	1529	410	56	28.4
KTJ23-31D	220/380	550	1340	1824	440	61	36
KTJ25-41D	220/380	750	1340	2411	460	65	36

PERFORMANCE CURVES





FF Series

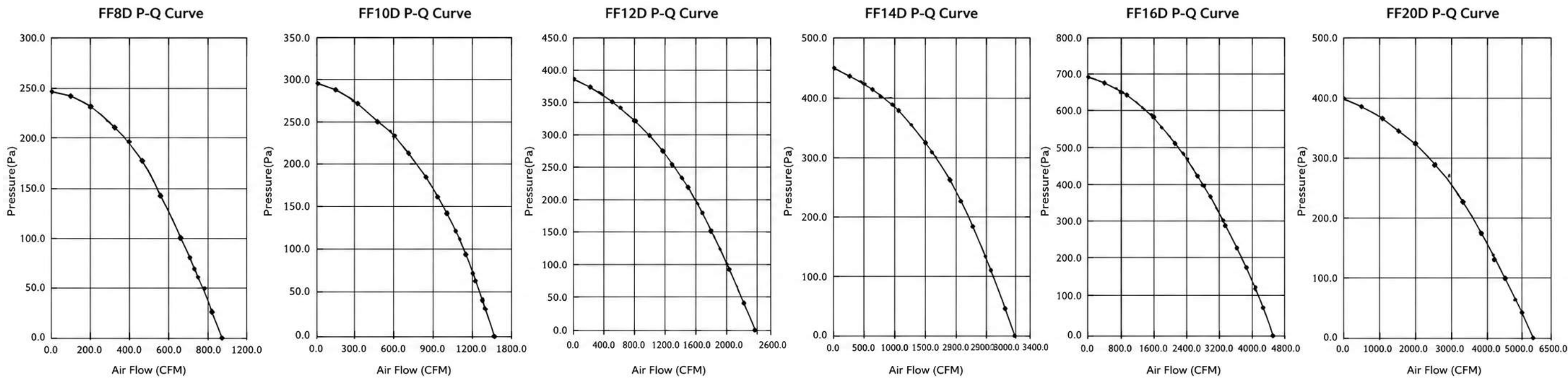
Portable Axial Fan

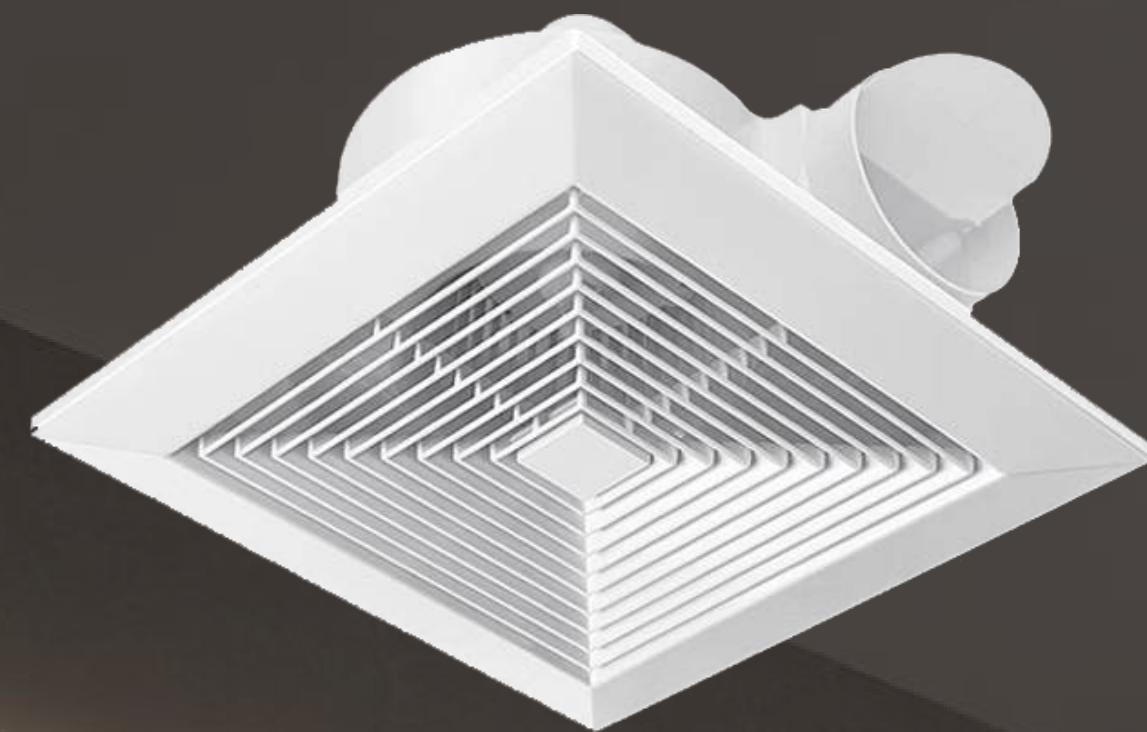
This portable axial ventilation fan provides strong, flexible airflow for temporary ventilation, air extraction, and fresh air supply. With a carrying handle, protective grille, durable housing, and stable base, it is ideal for workshops, warehouses, construction sites, basements, tunnels, and confined spaces.

PERFORMANCE PARAMETER

(model)	(v)	(w)	(RPM)	CFM	(Pa)	(Kg)
FF8D	220	250	2900	942	245	3.7
FF10D	220	370	2900	1648	295	4.6
FF12D	220	550	2900	2354	385	5.5
FF14D	220	750	2900	3002	450	7.4
FF16D	220	1500	2900	4297	700	7.4
FF20D	220	750	1450	5862	400	8.5

PERFORMANCE CURVES





GD Series

Ceiling Exhaust Fan

This ceiling exhaust fan is designed for quiet and efficient indoor ventilation. With a modern square grille, compact ceiling-mounted design, and reliable exhaust performance, it helps remove moisture, odors, smoke, and stale air from bathrooms, kitchens, offices, hotels, and apartments.





PERFORMANCE PARAMETER

(model)	(v)	(w)	(Cut-out Size)	(m ³ /h)	(dB)	(Kg)
GD6	220	30	16x16cm	150	40	1.1
GD8	220	35	20x20cm	180	40	1.1
GD9	220	40	23x23cm	250	40	2.0
GD10	220	40	25x25cm	320	40	2.0
GD12	220	40	30x30cm	450	40	2.0
GD14	220	60	33x33cm	450	40	3.0
GD16	220	60	40x40cm	520	40	3.2



A



B



C



D

ZF Series

Ceiling Exhaust Fan

Built with durable PP engineering polymer, this fan offers excellent anti-aging, color-fade resistance, and corrosion resistance. The EC variable-speed motor provides high efficiency, precise speed control, and flexible airflow adjustment through voltage, PWM, or pulse control. Its aerodynamic design ensures high pressure, large airflow, low noise, and low energy consumption. The unique clamp structure allows easy installation, secure sealing, and convenient maintenance.



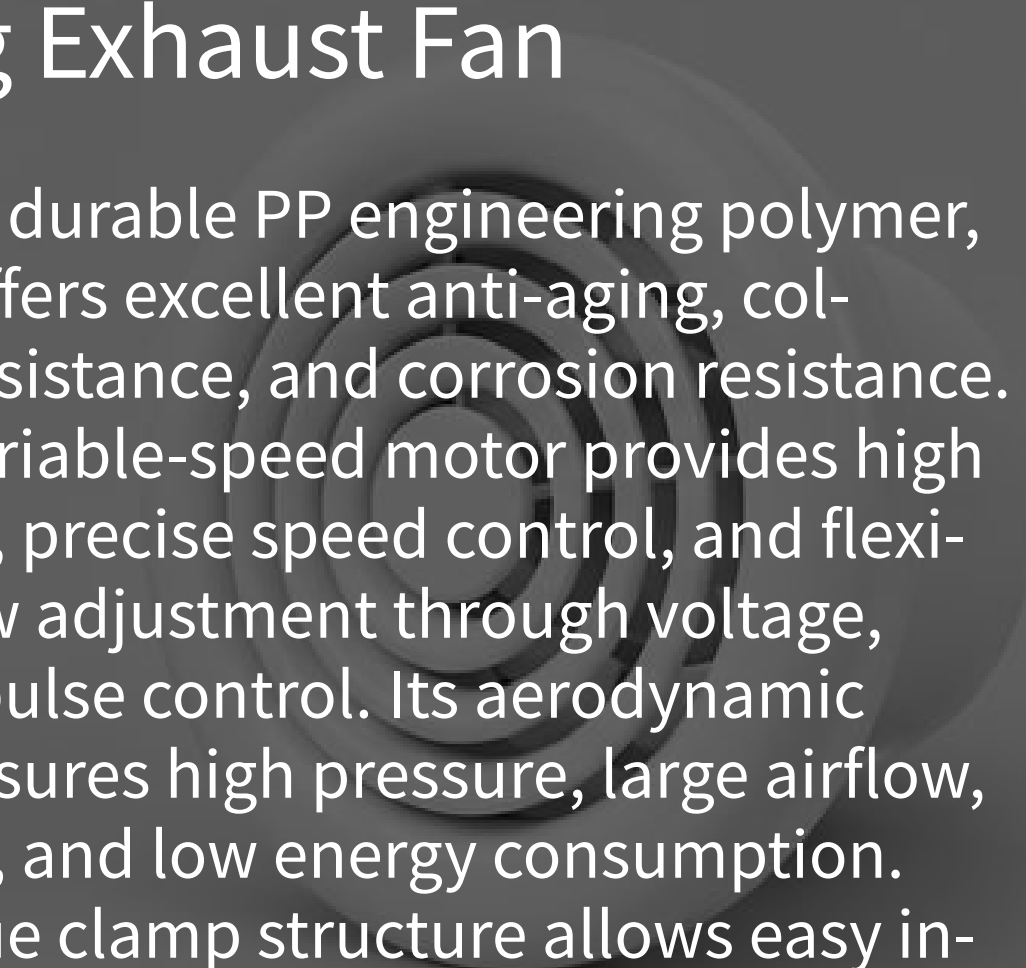
E



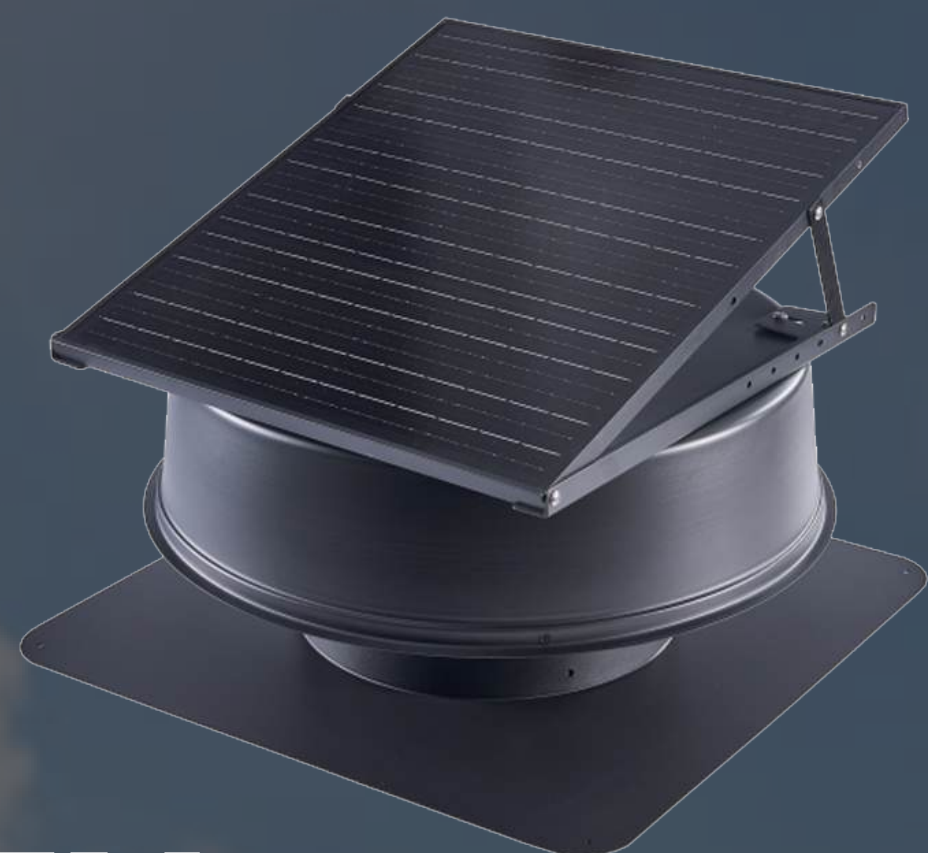
F



G



H



ZX Series

Solar-powered Exhaust Fan

This solar roof exhaust fan uses solar power to provide energy-saving ventilation for attics, warehouses, garages, workshops, and farm buildings. It helps remove heat, humidity, odors, and stale air, improving indoor comfort while reducing electricity consumption.





PERFORMANCE PARAMETER

(model)	(w)	(RPM)	(CFM)	(dB)	(Kg)
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ZX12	30	1350	1236	45	7.5
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SF Series

Portable Floor Fan

This portable floor drum fan provides strong long-distance airflow for farms, live-stock houses, workshops, warehouses, and greenhouses. With wheels, a stable frame, and optional solar power, it is easy to move, energy-saving, and ideal for improving air circulation in large spaces.



PERFORMANCE PARAMETER

(model)	(w)	(RPM)	(CFM)	(dB)	(Kg)
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SF24	110	1150	4709	70	9
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LF Series

Metal Louvered Exhaust Fan

This metal shutter exhaust fan provides strong ventilation for farms, greenhouses, livestock houses, warehouses, and workshops. With optional solar power, it reduces electricity costs while improving air exchange. The automatic shutter design helps block rain, insects, dust, and outdoor debris when the fan is not running.





PERFORMANCE PARAMETER

(model)	(w)	(RPM)	(CFM)	(dB)	(Kg)
LF24	110	1150	5886	70	18
LF30	130	1150	7063	70	22



RT Series

Large Industrial Ceiling Fan

This HVLS industrial ceiling fan is designed for large-space air circulation. With large-diameter blades and low-speed high-volume airflow, it delivers wide, gentle, and energy-saving ventilation for factories, warehouses, workshops, gyms, farms, and logistics centers.





PERFORMANCE PARAMETER

(model)	(v)	(RPM)	(m ³ /min)	Applicable Area (m ²)	(dB)	(Kg)
RT11	220/380	40-102	6500	350	40	45
RT13	220/380	40-102	8000	450	40	50
RT16	220/380	40-80	9000	550	40	55
RT18	220/380	20-53	10500	1000	42	100
RT20	220/380	20-58	12000	1200	42	105
RT24	220/380	20-63	13800	1600	42	115



TTTIGER VENTILATION SOLUTIONS

Smart Airflow for Every Industry



Whatsapp



Wechat

INDOOR • GROW • LIVESTOCK • INDUSTRIAL



Website: www.tttigerfan.com