



CROSS FLOW (INDIA)
WE UNDERSTAND AIR BETTER

AIR CURTAIN



www.crossflowindia.com

COMPANY INTRODUCTION

Cross Flow (India) Private Limited, established in the year 2000, is a leading name in the ventilation industry with over 23 years of expertise in R&D, manufacturing, and sales of advanced ventilation solutions. We specialize in a wide range of products including Air Curtains, Coolers, Split Air Conditioning Blowers, Chimney Blowers, Elevator Fans, Fly Killers/Fly Catchers, and PVC Strip Curtains.

We are proudly ISO 9001:2015, CE, and ROHS certified. Our state-of-the-art manufacturing facility is equipped with a precision sound room and advanced machinery such as Japanese CNC Amada turret punching machines, CNC bending machines, semi-automatic powder coating lines, Taiwan automatic moulding machines with robots, automatic and dynamic blower balancing machines, and a fully equipped power press and tool room.

With nearly 98% of our components manufactured in-house, we maintain strict quality control at every stage of production, ensuring superior performance and reliability in all our products.

At Cross Flow (India), we are committed to enhancing air quality and delivering only high-quality ventilation solutions. Customer satisfaction remains our top priority, and we continuously invest in research and development to introduce innovative and efficient ventilation products to the market.

OUR CERTIFICATION



INFRASTRUCTURE

ULTRA SONIC
WELDING MACHINE



Professional Manufacturing System With many years of experience in manufacturing, our team has become more experienced. And skillful a well planned mass production with advanced facility, equipment and different production lines make cross flow product to be widely recognized by the customers.

POWER PRESS



SPOT WELDING



TURRET PUNCHING PRESS



A Professional Team of Cross Flow We have a team of experienced R & D engineers and employee that we are able to bring our concepts of new products into production.

CNC BENDING PRESS



SOUND PROOF ROOM



Professional Quality Management System We passed ISO 9001:2015 and of obtained approvals, like CE & ROHS, to ensure customers to be confident with our products. The advanced quality testing system, including dynamic balance measurement system and the computer system for testing the motor. We are one of the primary manufacturers that set up testing facility and precised sound room.

POWDER COATING



MOTOR MANUFACTURING PROCESS



TESTING PANEL



AIR CURTAIN WORKING

Cross Flow Air Curtain Functions

Air Curtain is an air fresher equipment to form an "invisible air door" by running of high speed motor with Cross Flow or Centrifugal Blowers. It has been widely used in electronic medicine making, food processing, precision processing, chemical, business areas and other industry. It can effectively isolate convection indoor and outdoor and keep temperature and humidity. Air curtain is also called air door, air barrier etc.

Dust-proof, Insect Prevention.

Cross Flow air curtains creates high speed and strong air flow, preventing dust from outside efficiently, keeping clean indoor environment.

Isolate The Smell

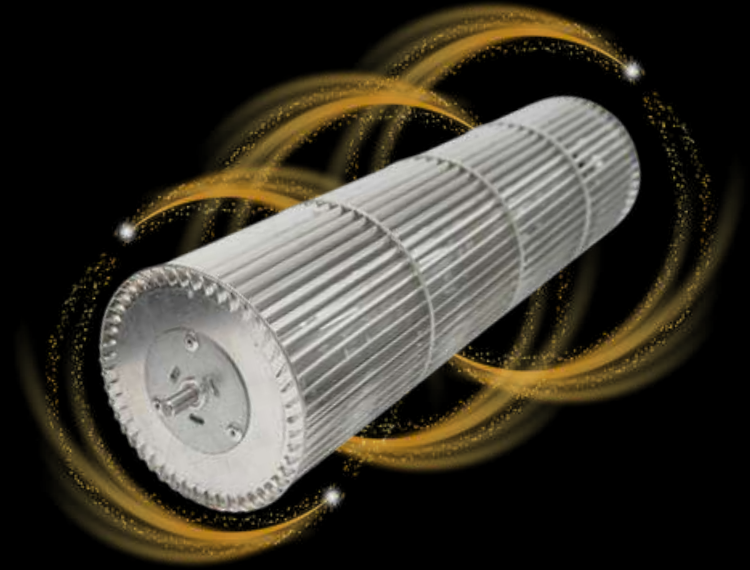
Air curtain's high speed air flow can isolate outdoor gas and oil, poisonous gas. It also resist smell from kitchen, dining hall, chemical laboratory, freezer etc. Creating a fresh and comfortable environment.

Energy Saving

The air door separates outdoor from indoor, resisting the escape of indoor cold air/warm air. Thus, it can save the energy consumption of air conditioner in a huge extent. Taking an important role for keeping constant temperature and saving energy in shops, restaurants, and other entertainment places, where have huge flow of people.



APPLICATION



HOME



OFFICE



HOSPITAL



INFRASTRUCTURE



SHOPPING CENTER



The NXt Generation Air Curtain



MOTOR

The motor is built with advanced electrical engineering, allowing it to operate smoothly while delivering strong airflow. It is designed for long, continuous use with dependable and safe performance.



FAN WHEEL

Its specially shaped blower wheel enhances wind flow through a smooth air-passage structure. High-quality ABS construction ensures stable, high-speed performance and minimal vibration.



Model	Dimension (MM)	Frequency (Hz)	Voltage (V~)	Input Power (W)	Air Volume (M ³ /H)	Air Velocity (M/S)	Noise
NX-2006	600×230×212	50	230	330	1100	18-21	<55
NX-2009	900×230×212	50	230	470	1400	18-21	<55
NX-2010	1000×230×212	50	230	470	1500	18-21	<56
NX-2012	1200×230×212	50	230	640	1900	18-21	<57
NX-2015	1500×230×212	50	230	780	2300	18-21	<58
NX-2018	1800×230×212	50	230	970	2650	18-21	<59
NX-2020	2000×230×212	50	230	1270	3000	18-21	<62

* Technical specification is subject to change because regular changes made in R&D

SUPER SLIM AIR CURTAIN





SUPER SLIM CENTRIFUGAL AIR CURTAIN

- * **Fan Wheel**
The Regular Distances Wheel And Ultra Quite Wind Wheel Can Produce The Powerful Air-flow. It Is Made Of High Tech Abs.
- * **Motor**
It adopts the technology of electrical machinery. It runs smoothly With powerful air-flow it operates reliably. And runs safely for 5,000 consecutive hours.
- * Metal Casing, Unique Shape, Easy Installation.
- * Available Multiple Unit Specifications : 600mm, 900mm, 1000mm, 1200mm, 1500mm, 1800mm, 2000mm & 2400mm.



Model	Dimension (MM)	Frequency (Hz)	Voltage (V~)	Input Power (W)	Air Volume (M ³ /H)	Air Velocity (M/S)	Noise
AMT-2006	600×230×212	50	230	330	1100	18-21	<55
AMT-2009	900×230×212	50	230	470	1400	18-21	<55
AMT-2010	1000×230×212	50	230	470	1500	18-21	<56
AMT-2012	1200×230×212	50	230	640	1900	18-21	<57
AMT-2015	1500×230×212	50	230	780	2300	18-21	<58
AMT-2018	1800×230×212	50	230	970	2650	18-21	<59
AMT-2020	2000×230×212	50	230	1270	3000	18-21	<62

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Aluminium Shell



High Efficient
Motor



Quiet Centrifugal
Turbine Fan



Adjustable Air
Direction

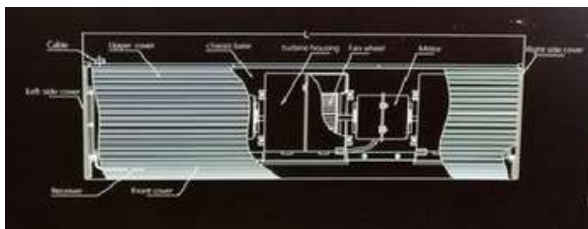


Remote Control



Key Switch

ALD SERIES ALUMINIUM CENTRIFUGAL AIR CURTAIN



Luxury Material

Made with durable aluminium body combined with high-precision ABS, the unit is rust-free and easy to disassemble. It features a low-noise centrifugal turbine fan and a high-velocity motor designed for continuous operation of up to 5000 hours.

Smart Operations

Air inlet from top design, with high air pressure and adjustable air direction. Available with remote control and key switch.

Model	Dimension (MM)	Frequency (Hz)	Voltage (V~)	Input Power (W)	Air Volume (M ³ /H)	Air Velocity (M/S)	Noise
ALD-2006 I/R	600×220×240	50	230	330	1100	18-21	<55
ALD-2009 I/R	900×220×240	50	230	470	1400	18-21	<55
ALD-2010 I/R	1000×220×240	50	230	470	1500	18-21	<56
ALD-2012 I/R	1200×220×240	50	230	640	1900	18-21	<57
ALD-2015 I/R	1500×220×240	50	230	780	2300	18-21	<58
ALD-2018 I/R	1800×220×240	50	230	970	2650	18-21	<59
ALD-2020 I/R	2000×220×240	50	230	1270	3000	18-21	<62

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Fashion Wind Series Air Curtain



Luxury Material

Made with durable aluminium body combined with high-precision ABS, the unit is rust-free and easy to disassemble. It features a low-noise centrifugal turbine fan and a high-velocity motor designed for continuous operation of up to 5000 hours.



Fan Wheel

The Regular Distances Wheel And Ultra Quite Wind Wheel Can Produce The Powerful Air-flow. It Is Made Of High Tech Abs.



Motor

It adopts the technology of electrical machinery. It runs smoothly with powerful air-flow it operates reliably. And runs safely for 5,000 consecutive hours.



Smart Operations

Air inlet from top design, with high air pressure and adjustable air direction. Available with remote control and key switch.



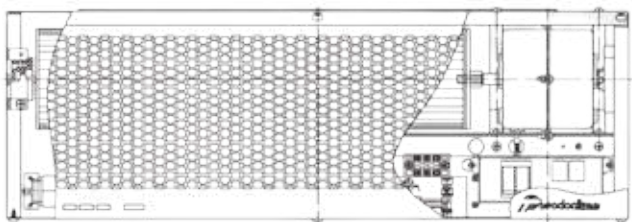
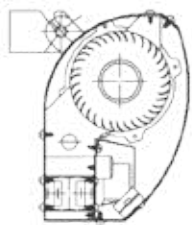
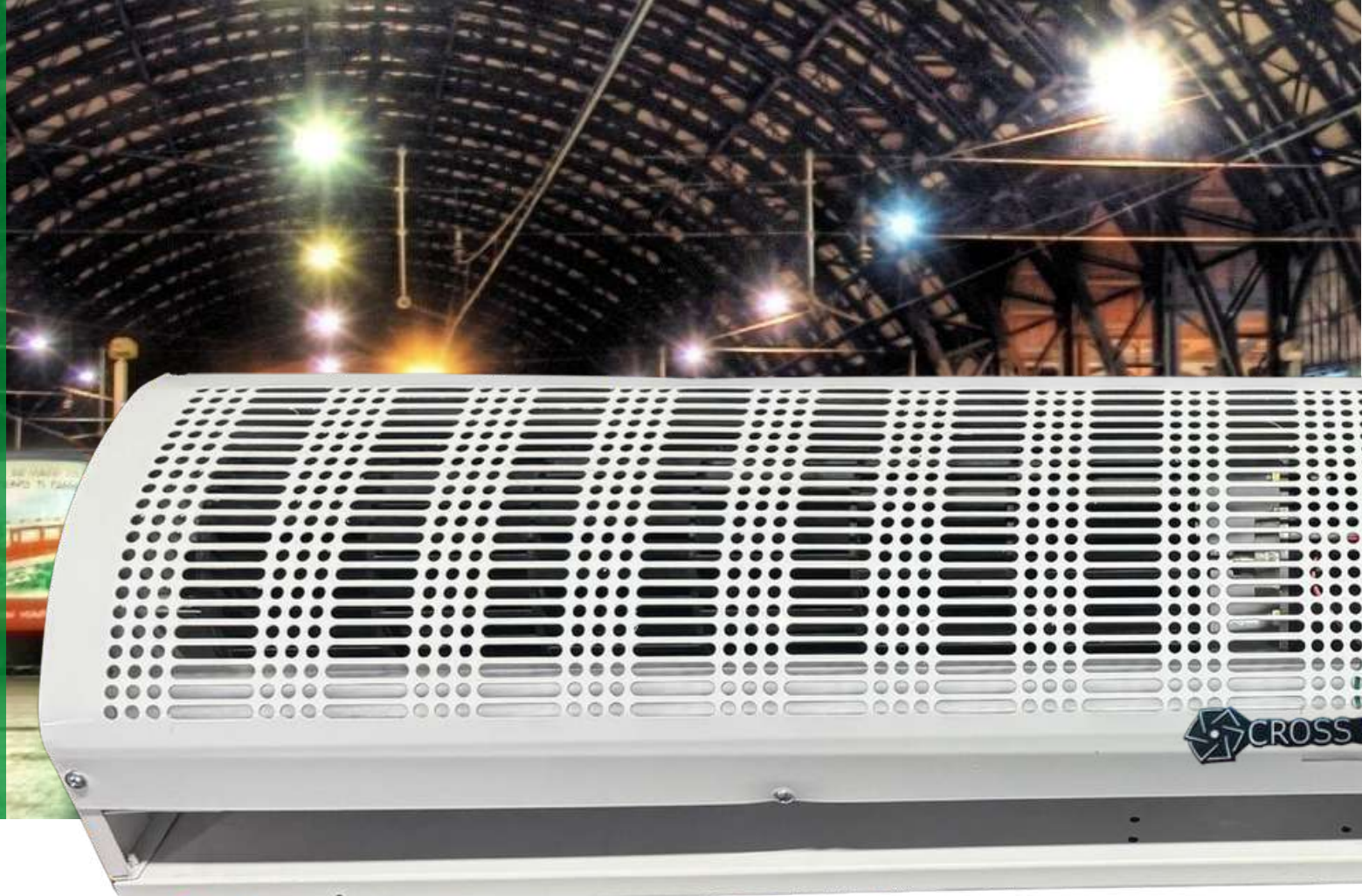
Model	Dimesnion (MM)	Frequency (HZ)	Voltage (V)	Input Power (W)	Air Volume (M ³ /H)	Air Velocity (M/S)	Noise
FW-2006	600×215×230	50	230	330	1100	18-21	<55
FW-2009	900×215×230	50	230	470	1400	18-21	<55
FW-2010	1000×215×230	50	230	470	1500	18-21	<56
FW-2012	1200×215×230	50	230	640	1900	18-21	<57
FW-2015	1500×215×230	50	230	780	2300	18-21	<58
FW-2018	1800×215×230	50	230	970	2650	18-21	<59
FW-2020	2000×215×230	50	230	1270	3000	18-21	<62

CEILING WIND SERIES AIR CURTAIN



Model	Dimesnion (MM)	Frequency (HZ)	Voltage (V)	Input Power (W)	Air Volume (M ³ /H)	Air Velocity (M/S)	Noise
CFCN-2009	900×290×235	50	230	470	1400	18-21	<55
CFCN-2010	1000×290×235	50	230	470	1500	18-21	<56
CFCN-2012	1200×290×235	50	230	640	1900	18-21	<57
CFCN-2015	1500×290×235	50	230	780	2300	18-21	<58
CFCN-2018	1800×290×235	50	230	970	2650	18-21	<59
CFCN-2020	2000×290×235	50	230	1270	3000	18-21	<62

KARRY WORLD WIND SERIES AIR CURTAIN



Compact & Slim Design

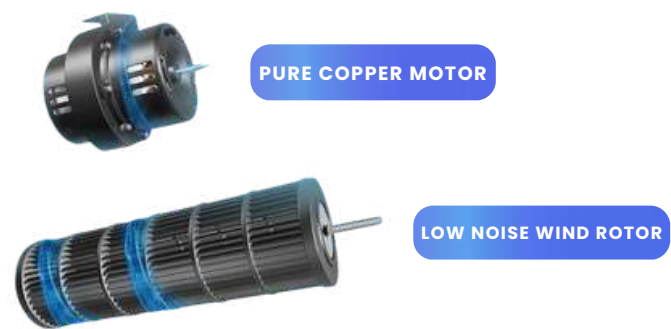
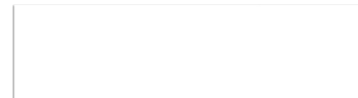
Designed with a lightweight and ultra-slim full-metal arc body, this powder-coated unit offers exceptional durability while remaining simple to install and easy to keep clean.

Low Noise Operation

Adopting a non-isometric, quiet impeller to avoid peak noise frequency areas, combined with a scientifically optimized airflow design, ensures effective noise reduction and stable operation.

Easy Operation

Optional with remote control or switch with high and low speed control.



Model	Dimension (MM)	Input Power (W)	Air Velocity (M/S)	Noise
CFI-1209	900×220×170	200	10-12	<50
CFI-1210	1000×220×170	210	10-12	<50
CFI-1212	1200×220×170	220	10-12	<51
CFI-1215	1500×220×170	300	10-12	<55

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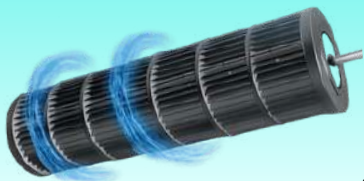
CROSS-FLOW / TANGENTIAL



WIDE FLOW AIR CURTAIN EGGY - SERIES



MOTOR



FAN WHEEL

Model	Dimesnion (MM)	Input Power (W)	Air Velocity (M/s)	Noise
CFI-1009	900×180×140	100	8-10	<45
CFI-1010	1000×180×140	115	8-10	<46
CFI-1012	1200×180×140	130	8-10	<48
CFI-1015	1500×180×140	160	8-10	<50
CFI-1018	1800×180×140	200	8-10	<52

NATURAL WIND - SERIES AIR CURTAIN



MOTOR

Adopts advanced electrical motor technology to ensure smooth and efficient operation with powerful airflow performance. Designed for reliability and safety, the motor delivers stable performance for up to 5000 continuous operating hours.



FAN WHEEL

Engineered with a precision aerodynamic air-flue design, the fan wheel is manufactured using high-accuracy ASGF / Aluminium material. It ensures high-speed dynamic balance, smooth airflow, and low-noise operation for superior performance and durability.



COMFORT SYSTEM

Designed to maintain a consistent indoor environment, the system ensures optimal temperature control while continuously circulating fresh air for enhanced comfort.



Fitted With Crompton Greaves Motor

Available in Stainless Steel

Model	Dimesnion (MM)	Frequency (HZ)	Voltage (V)	Input Power (W)	Air Velocity (M/S)	Noise
CFI-1506	600×220×240	50	230/415	300	13-14	<55
CFI-1509	900×220×240	50	230/415	360	13-14	<56
CFI-1510	1000×220×240	50	230/415	370	13-14	<56
CFI-1512	1200×220×240	50	230/415	450	13-14	<57
CFI-1515	1500×220×240	50	230/415	580	13-14	<58
CFI-1518	1800×220×240	50	230/415	820	13-14	<59

AVAILABLE IN SINGLE & THREE PHASE

CROSS FLOW TYPE AIR CURTAIN



MOTOR

Its adopt the technology of electrical machinery its runs smoothly with powerful air-flow it operates reliably. And runs safely for 5000 Consecutive hours.



Fitted With Crompton Greaves Motor

Available in Stainless Steel

FAN WHEEL

The unique birth place flows the wind flue design, Uses the high accuracy ASGF / Aluminium material. Manufacture: can the high speed transic equilibrium low noise revolution.



COMFORT SYSTEM

Maintaining a constant internal environment, a comfortable temperature ensured whilst the air is kept fresh.



Model	Dimension (MM)	Frequency (Hz)	Voltage (V~)	Input Power (W)	Air Volume (M ³ /H)	Air Velocity (M/S)	Noise
CFI-1706	600×220×240	50	230/415	330	1400	17-18	<55
CFI-1709	900×220×240	50	230/415	410	2100	17-18	<56
CFI-1710	1000×220×240	50	230/415	410	2400	17-18	<56
CFI-1712	1200×220×240	50	230/415	490	2900	17-18	<57
CFI-1715	1500×220×240	50	230/415	610	3600	17-18	<58
CFI-1718	1800×220×240	50	230/415	860	4400	17-18	<59
CFI-1720	2000×220×240	50	230/415	1030	5000	17-18	<62

INDUSTRIAL AIR CURTAIN CENTRIFUGAL TYPE



Powerful & Smooth Air flow

Adopts a quiet aluminum-alloy wheel and a scientifically engineered airflow design for powerful air delivery. The large air outlet enables higher velocity, reaching up to 25 m/s.

Superior Performance

Equipped with a high-efficiency copper/aluminum motor capable of continuous, reliable operation, the unit provides increased air volume and outstanding performance.

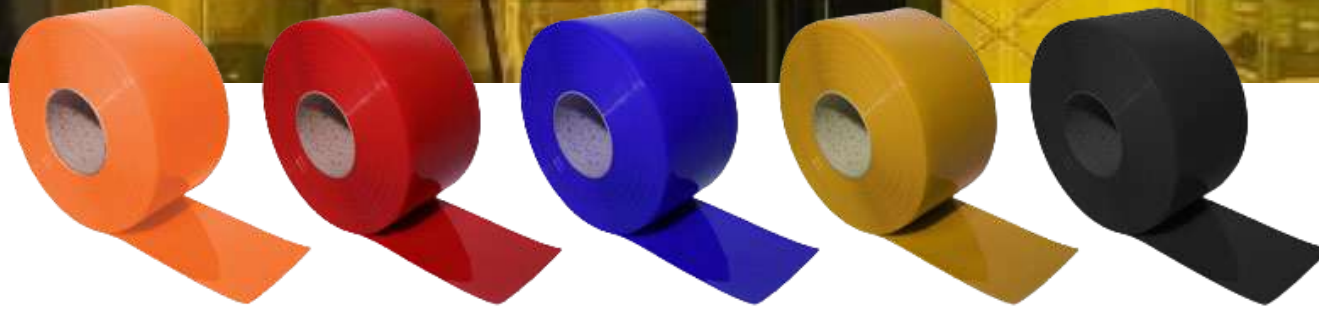
Sturdy & Durable

Offered in a full-metal arc design with a powder-coated surface or in premium 304- superior grade stainless steel, providing durability and structural rigidity.

Model	Dimension (MM)	Frequency (Hz)	Input Power (W)	RPM	Air Velocity (M/S)	Noise
CF-2409	900×375×370	50	870	2800	24-26	<60
CF-2410	1000×375×370	50	870	2800	24-26	<60
CF-2412	1200×375×370	50	870	2800	24-26	<63
CF-2415	1500×375×370	50	1700	2800	24-26	<66
CF-2418	1800×375×370	50	1700	2800	24-26	<69

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PVC STRIP CURTAINS



CROSS FLOW (INDIA)

is proud to offer a wide variety of high quality PVC Strip Curtains products, manufactured from completely virgin compounds. These products have been tested and certified to meet all reverderer and international standards and regulations. Available in Widths from 200mm to 5mm, Thicknesses from 1 mm.

STANDARD SMOOTH

Transparent, flexible, economical smooth PVC for indoutdoor applications from 150°F to 0°F. Made from compounds that meet federal and iterational requirements for incidental contact with meat, poultry, or dairy products.

LOW TEMP SMOOTH

Softer, more flexible, transparent smooth PVC designed to resist cracking and breaking in freezer applications to -40°F. Made from compounds that meet federal and international requirements for incidental contact with meat, poultry, or dairy products.

LOW TEMP RIBBED

Durable ribbed material reduces scratching from loads passing through opening, designed for heavy-duty, high-traffic applications in environments & made from compounds that meet federal requirements for use in food facilities.



MS PVC Hanger



SS PVC Hanger



FLY CATCHERS/ FLY KILLERS



THREE/TWO TUBE FLY CATCHER

5W Fly Catcher with Standard Lamp/ Sleeved lamp. 3X 15W/2X15W UVA Lamps, 15Watt, Tube Length: 18". Horizontal & Vertical wall mounting or free-standing. Unique Slim Design for Limited Space. Power Efficient Electronic Ballast. Available Colours-White.



TWO TUBE INSECT KILLER

36W Fly Catcher with Standard Lamp/ Sleeved lamp. 2X 18W UVA Lamps, 18Watt, Tube Length: 24". Horizontal & Vertical wall mounting or free-standing. Unique Slim Design for Limited Space. Power Available Colours-White & Black.



SINGLE TUBE FLY CATCHER

15W Fly Catcher with Standard Lamp/ Sleeved lamp. 1X 15W UVA Lamps, 15Watt, Tube Length: 18". Horizontal & Vertical wall mounting or free-standing. Unique Slim Design for Limited Space. Power Efficient Electronic Ballast. Available Colours-White & Gray.



THREE TUBE FLY CATCHER

16.5 W Fly Catcher with UV LED lamp. 3X 5.5 W UV LED Lamp, 5.5 Watt, Tube Length: 18" Horizontal & Vertical wall mounting or free-standing. Unique Slim Design for Limited Space. Power Efficient Electronic Ballast. Available Colours-White.

HAND DRYER



CFHD-01

Voltage: 220-250/50Hz or 110-120V/60Hz Rated Power: 2000W Current: 9.0A/220V or 17.9A/110V Air Speed: 15M/S. Water Splash Proof: IP x1 Dimensions: W240 x D240 x H230MM Color: White. Material: ABS Plastic



CFHD-03

Voltage: 110-220v(50Hz60Hz) Rated Power: 1500 W Air Speed: 15M/S Water Splash Proof: IP x1 Dimensions: W265 x D125 x H205MM Color: Brushed Material: Stainless Steel Finished



CFHD-03

Voltage: 110v-220v(50Hz60Hz) Rated Power: 2300W Current: 11.0A/220V or 22.0A/110V Air Speed: 30M/S Water Splash Proof: IP x1 Dimensions: W275 x D200 x H230MM Color: Brushed or Shiny Material:Stainless Steel

Dry Transformer Cooling Fan



No .	MODEL	Motor Rated Parameters			AIR >(m/h)	NOISE d B (A)	AIR PRESSURE >(Pa)	DRY TYPE TRANSFORMER CAPACITY (KVA)	SET OF TRANSFORMER
		VOLTAGE / FREQUENCY (V/Hz)	ROTATION SPEED (r/min)	POWER FLOW (W)					
01	CFI-TF-365-150	220/50	1380	60	1025	55	30	630-1100	6
02	CFI-TF-470-150	220/50	1380	70	1300	57	30	800-1600	6
03	CFI-TF-490-150	220/50	1380	75	1375	57	30	1600-2000	6
04	CFI-TF-590-150	220/50	1380	85	1550	57	30	2000-2500	6
05	CFI-TF-690-150	220/50	1380	110	1700	59	30	2500-3150	6
06	CFI-TF-770-150	220/50	1380	130	1800	59	30	3150-5000	6

No .	MODEL	Motor Rated Parameters			AIR FLOW >(m/h)	NOISE d B (A)	CURRENT (mA)
		VOLTAGE / FREQUENCY (V/Hz)	ROTATION SPEED (r/min)	POWER (W)			
01	CF - TFEG - 180	220/50	2700	75	475	70	0.326
02	CF - TFEG - 360	220/50	2600	84	810	73	0.413
03	CF - TFEG - 500	220/50	2470	118	980	74	0.550

CROSS FLOW FAN FOR LIFT & ELEVATORS



Available in 270mm, 330mm, 360mm, 450mm, 530mm



AIR CONDITIONING FOR LIFT & ELEVATORS



Model	CF-AC-20
Rated cooling capacity (w)	2000
Energy efficiency ratio (w/w)	2.8
Rated voltage (v)	220
Rated frequency (Hz)	50
Rated cooling capacity (w)	660
Rated cooling current (A)	3.2
Maximum input power (w)	1050
Maximum input current (A)	4.9
Allowable pressure of the refrigerator system	4.2
Refrigerant and charge amount	R410A: 340
Circulating air volume (m³)	250
Noise (shot/car)	46 / 34
Protection category against electric shock	Category I
Waterproof level	IPX4
Mass (Kg)	22
Unit dimesnions : 44.9*39.5*36.2(cm)	

Model	CF-AC-25
Rated cooling capacity (w)	2500
Energy efficiency ratio (w/w)	2.8
Rated voltage (v)	220
Rated frequency (Hz)	50
Rated cooling capacity (w)	890
Rated cooling current (A)	4.1
Maximum input power (w)	1470
Maximum input current (A)	6.8
Allowable pressure of the refrigerator system	2.7
Refrigerant and charge amount	R410A: 570g
Circulating air volume (m³)	400
Noise dB(A)	52
Protection category against electric shock	Kind
Waterproof level	IPX4
Mass (Kg)	38
Unit dimesnions : 46.3*59.5*36.2(cm)	



CROSS FLOW (INDIA)
WE UNDERSTAND AIR BETTER

CROSS FLOW INDIA PRIVATE LIMITED

An ISO 9001:2015 Certified Company

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