

**COMPLETE
AIR
MANAGEMENT
SOLUTIONS**



Executive Leadership Team



Energetic Team of Greenoz



ABOUT THE COMPANY

Greenoz Cooling System Pvt. Ltd. stands firmly on the pillars of integrity, innovation, and excellence, driven by a passion to provide clean, breathable air to the world.



MR. SHAMSHAD ALI

Managing Director

We're not just manufacturers, we're solution providers. We're driven by our passion to create premium quality, sustainable products & solutions.

Committed to reducing the planet's energy footprint and contributing towards a sustainable environment for present and future generations, **GCSPL** was established in 2000 under the visionary leadership of Mr. Azmuddin, whose enriching experience of over three decades in the industry has guided the company's growth. Later, his son, **Mr. Shamshad Ali**, joined hands with his father, and together they have led the organization from strength to strength. Today, **GCSPL** specializes in the end-to-end production of advanced, next-generation air handling systems, including Single Stage and Multi Stage AHUs, Air Washer Units, Kitchen Scrubbers, Industrial Air Coolers, and Air Purification systems with energy-saving features.

GCSPL employs advanced technology and fosters innovation across its products and processes. Stringent quality control, continuous technological upgrades, high-quality equipment, and efficiency-focused techniques have enabled us to offer an enviable range of HVAC applications. Providing the widest range of air handling solutions and allied products in the country, GCSPL has carved a niche in the industry with its passion for manufacturing best-in-class products. Driven by commitment and an unflinching faith in the power of '**Make in India**,' the organization has achieved outstanding milestones on its remarkable journey.



OUR VISION

To provide exceptional indoor comfort solutions while preserving and enhancing the environment.



OUR MISSION

To become a renowned global engineering company through innovation, employee excellence, and stakeholder involvement.



QUALITY POLICY

Greenoz is committed to delivering high-quality products.

STATE-OF-THE-ART MANUFACTURING FACILITIES

“Advanced Manufacturing Capabilities with Flexibility,”

Greenoz Cooling manufacturing facility in Greater Noida is spread over 60,000 square feet and features two most modern production units equipped with advanced machinery & equipment. The plant supports every aspect of fabrication and assembly, allowing high quality energy-efficient HVAC products. With state-of-the-art machines and experienced professionals, the facility ensures each product is engineered for long-term durability and optimal performance.

A dedicated team of engineers and technicians manages the daily operations of the plant, maintaining strict quality standards. From precision metalwork to final assembly, every product passes through rigorous workmanship processes. This has helped Greenoz to supply robust and efficient HVAC solutions to clients across industrial, commercial, pharmaceuticals, and institutional sectors in India.

2

State of
the Art Plants

250+

Engineers &
Technicians

350+

Happy
Customers

60,000

Sq. Ft
Shop Floor Area

160,000+

Units in Operation
in Indian Subcontinent
& Middle East



IN-HOUSE PRODUCTION OPERATION ENSURES CONSISTENT QUALITY PRODUCTS

HIGHLY ADVANCED MACHINERY & EQUIPMENT

We firmly believe that technology ensures consistent product quality, increased productivity and faster turnaround. Greenoz understands the essence of it and has an extensive range of machinery and equipment to handle any type of job to perfection.

Infrastructure - Machinery & Equipment

- CNC Laser Cutting
- CNC Bending
- Shearing Machine
- Round & Oval Duct Machine
- Modern Assembly Shop
- Powder Coating Plant
- TIG, MIG & Spot Welding
- Sheet Cutter & Grooving Machine
- Power Press



DESIGN & ENGINEERING EXCELLENCE

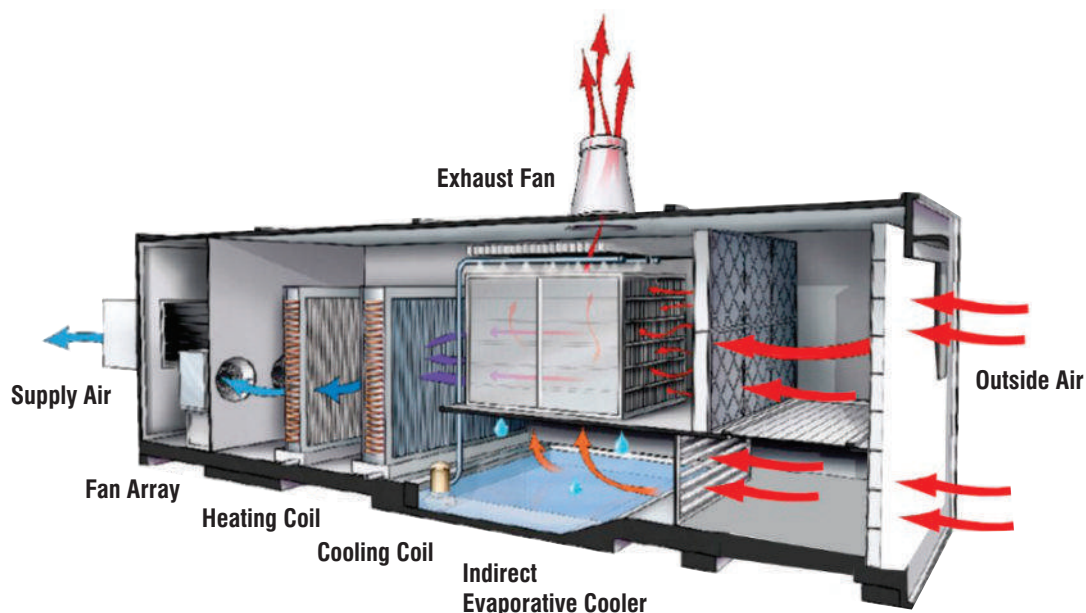
Greenoz Cooling's inhouse design and engineering team brings practical solutions to life with a strong focus on efficiency and reliability. The team draws on years of technical knowledge to create products engineered for optimal power consumption and consistent performance.

Attention to detail at every stage of development ensures our solutions meet the requirements of commercial, industrial, and institutional projects. With an ability to develop customized configurations, Greenoz ensures that each installation addresses client-specific needs while upholding strict quality standards and meeting the energy-saving expectations of today's environmental demands.





MULTI STAGE COOLING UNIT



"Greenoz" eco-friendly Air Cooling Experts, brings you Unique, energy-efficient and eco-friendly cooling solutions, based on indirect direct evaporative cooling technology. With indirect evaporative cooling, a secondary air stream is cooled by water. The cooled secondary air stream goes through a heat exchanger, where it cools the primary air stream. The cooled primary air stream is circulated by a fan. Indirect evaporative cooling does not add moisture to the primary air stream.

"Greenoz" Multi Stage Units using natural refrigerants that enhance the use of improve sustainability and offer energy efficiency cooling system. Our products can heat, cool, humidify, bring in fresh air to maintain indoor air quality, do heat recovery and improve energy savings with a short payback period.

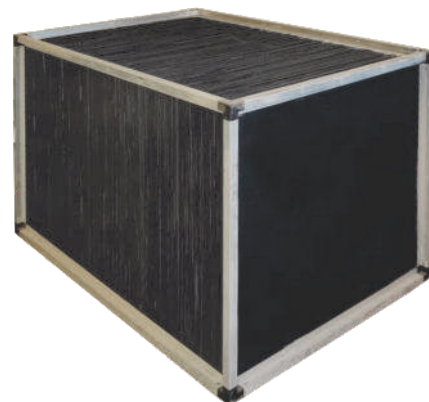
Capacity: 5,000 to 3,00,000 CFM

POLYMER PLATE HEAT EXCHANGER

Greenoz has a cross flow polymer plate heat exchanger, removing sensible heat from air reducing the dry bulb (DB) & Wet Bulb (WB) temperatures to achieve high thermal efficiency with the our unique plate design which creates good turbulence even at low velocities. Outdoor & Exhaust air plates ensures the air tightness while transferring the heat. It has no moving parts and so its more reliable and ensures longer service life.

ADVANTAGES

No refrigeration used - environment friendly, Reduces power, Reduces water consumption, Total separation of Fresh & Exhaust Air streams Complete Joint sealing, No cross contamination, Anti-fungal, Anti-bacterial coating, Vertical or Horizontal construction available, High grade polymer,





FLOOR MOUNTED EVAPORATING AIR COOLING UNIT (AWU)

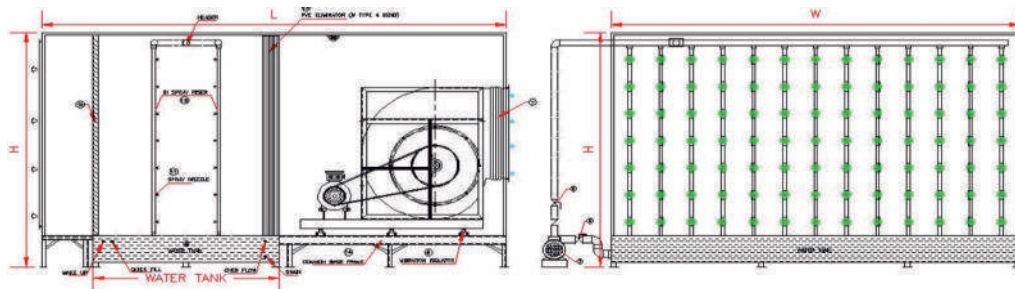


Overall Dimension with Fan, Cooling Pad (200 mm), Eliminator and Prefilter Section

Model	Capacity CFM	Fan Model	Pad Area (Sqft.)	Length	Width	Height
GCSPL-AW - 20	2000	10"x10" -1	4	1470	820	950+80
GCSPL- AW - 30	3000	12"x12" -1	6	1530	1110	950+80
GCSPL- AW - 40	4000	15"x15" -1	8	1560	1430	950+80
GCSPL-AW - 60	6000	450	12	1900	1430	1250+80
GCSPL- AW - 80	8000	500	16	2020	1430	1550+80
GCSPL AW - 100	10000	560	20	2240	1740	1550+80
GCSPL AW - 120	12000	630	24	2310	2060	1550+100
GCSPL AW - 150	15000	710	30	2490	2060	1850+100
GCSPL AW - 180	18000	710	36	2490	2060	2150+100
GCSPL AW - 210	21000	800	42	2710	2360	2150+100
GCSPL AW - 240	24000	900	48	2940	2670	2450+100
GCSPL AW - 300	30000	900	60	2940	3280	2150+100
GCSPL AW - 360	36000	1000	72	3150	3890	2150+100
GCSPL AW - 400	40000	1000	80	3150	4490	2150+100
GCSPL AW - 500	50000	900 x 2	100	2940	5410	2150+100
GCSPL AW - 600	60000	900 x 2	120	2940	6330	2150+100
GCSPL AW - 800	80000	1000 x 2	160	3150	6330	2750+100



FLOOR MOUNTED WET AIR SCRUBBER UNIT



AIR SCRUBBER UNIT WITH SINGLE BLOWER

Capacity CFM	Dimension			Fan Size	Forward Curved Fan RPM/velocity/ Motor kw	Backward Curved Fan RPM/Velocity/ Motor kw	Nozzle (PVC/ Brass)	Pump Rating (HP)	Pro. (Alu. Sec.)
	L	W	H		40 MM ST. Pre.	75 MM ST. Pre.			
3000	2750	1000	1050	280 R	1133/10.9/1.5 (4P)	1133/10.9/1.5 (4P)	12	1	30 mm Thk. Alu. Profile Sec.
4000	3100	1000	1360	315 R	972/11.6/2.2	972/11.6/2.2	18	1.5	
5000	3150	1000	1650	355 R	916/11.5/2.2	916/11.5/2.2	24	1.5	
6000	3250	1100	1650	400 R	796/11/3.7	796/11/3.7	24	2	
7000/8000	3400	1150	1650	450 R	717/11.7/3.7	717/11.7/3.7	32	2	
10000	3500	1300	1900	500 R	641/11.6/5.5	641/11.6/5.5	40	2	
12000	3900	1550	2000	560 R	572/11.1/5.5	572/11.1/5.5	50	2	
14000/15000	4050	1800	2000	630 R	500/11/7.5	500/11/7.5	60	3	
18000	4300	1950	2000	710 R	445/10.5/7.5	445/10.5/7.5	70	3	40 mm
20000	4300	2200	2000	710 K	454/11.7/9.3	454/11.7/9.3	80	5	
22000	4500	2400	2100	800 K	409/10.2/9.3	409/10.2/9.3	80	5	
25000	4500	2400	2300	800 K	409/11.6/11	409/11.6/11	96	5	
27000	4700	2400	2550	900 K	365/10/11	365/10/11	112	7.5	
30000	4700	2400	2600	900 K	365/11.1/15	365/11.1/15	122	7.5	50 mm
35000	5000	2760	2850	1000 K	323/10.3/15	323/10.3/15	144	7.5	
40000	5000	3060	2850	1000 K	327/11.8/18.5	327/11.8/18.5	160	10	

AIR SCRUBBER UNIT WITH DOUBLE BLOWER

Capacity CFM	Dimension			Fan Size	Forward Curved Fan RPM/velocity/ Motor kw	Backward Curved Fan RPM/Velocity/ Motor kw	Cooling Pad Area In (ft ²)	Pump Rating	Pro. (Alu. Sec.)
	L	W	H		40 MM ST. Pre.	75 MM ST. Pre.			
45000	4500	3960	2600	800K X2	409/10.5/9.3X2	987/10.5/15X2	180	10	50 mm Thk. Alu. Profile Sec.
50000	4500	4200	2600	900K X2	409/11.6/11X2	987/11.6/15X2	196	10	
55000	4700	4860	2600	900K X2	365/10.2/11X2	824/10.2/15X2	224	12.5	
60000	4700	4560	2850	900K X2	364/11.1/15X2	888/11.1/18.5X2	240	12.5	
80000	5000	6060	2850	1000K X2	327/11.8/18.5X2	870/11.8/30X2	320	15	



HORIZONTAL FLOOR MOUNTED AHU



Additional Length Section Wise Add on Features

Mixing Box at Air Intake With Pre Filter	Add Combination Pre-50 mm & Fine Filter 305 mm	Hot Water Coil Section 2- 4 RD	Electric Heater Section	Discharge Plenum with Fine Filter	Discharge Plenum With Fine & Hepa Filter
500	400	250	250	1000	1600
500	400	250	250	1000	1600
500	400	250	250	1000	1600
500	400	250	250	1000	1600
500	400	250	250	1000	1600
500	400	250	250	1000	1600
500	400	250	250	1000	1600
500	400	250	250	1000	1600
500	400	250	250	1000	1600
500	400	250	250	1000	1600
500	400	250	250	1000	1600
550	400	250	250	1000	1800
550	400	250	250	1000	1800
550	400	250	250	1000	2000
550	400	250	250	1000	2000
550	400	250	250	1000	2000
550	400	250	250	1000	2000

We manufacture wide range of AHU's. We Design our AHU's with a rigid frame work design for better strength. All profiles used are corrosion free. We have in house PUF injection where each panel is injected with CFC free polyurethane foam upto 40kg/cu density. The drain pan made of SS-304, and insulated on out side with closed cell insulation.

Air Handling Unit Comprises of :

- Centrifugal Blower / Direct Drive Fans
- Thermal Break Profiles
- Single / Double Skin
- Cooling Coil / Heating Coil
- Face and Pass Dampers
- Floor Mounted
- Pre Filter / Fine Filter / Hepa Filter
- Air Mixing Chambers
- EC Fan



CEILING SUSPENDED UNIT



Capacity CFM	Dimension			Blower Size	Forward Curved Fan RPM Motor KW/HP	Cooling Coil Area In (ft ²)	Filter Type	Profile (Alu. Sec.)
	L	W	H					
1000	950	850	550	AT-7-7-S	1674 0.55 / 0.75	2	Pre Filter	30 mm Thick Aluminium Profile Section (ntb)
1500	1000	900	700	AT-9-9-S	1338 0.75 / 1	3	Pre Filter	
2000	1050	1050	700	AT-10-10-S	1177 1.1 / 1.5	4	Pre Filter	
2500	1100	1050	800	AT-12-12-S	1021 1.1 / 1.5	5	Pre Filter	
3000	1000	1450	685	AT-9-9-G2L	1338 1.5 / 2	6	Pre Filter	
3500	1000	1550	685	AT-10-10-G2L	1187 1.5 / 2	7	Pre Filter	
4000	1050	1700	685	AT-10-10-G2L	1177 2.2 / 3	8	Pre Filter	
4500	1100	1900	750	AT-12-12-G2L	1033 2.2 / 3	9	Pre Filter	
5000	1100	1900	750	AT-12-12-G2L	1021 2.2 / 3	10	Pre Filter	
5500	1100	1950	775	AT-12-12-G2L	1011 2.2 / 3	11	Pre Filter	
6000	1150	2200	850	AT-15-15-G2L	863 3.7 / 5	12	Pre Filter	
6500	1150	2250	850	AT-15-15-G2L	856 3.7 / 5	13	Pre Filter	
7000	1150	2330	850	AT-15-15-G2L	850 3.7 / 5	14	Pre Filter	
7500	1150	2550	850	AT-15-15-G2L	846 3.7 / 5	15	Pre Filter	
8000	1150	2600	850	AT-15-15-G2L	842 3.7 / 5	16	Pre Filter	
8500	1300	2400	1005	AT-18-18-G2L	716 5.5 / 7.5	17	Pre Filter	
9000	1300	2400	1005	AT-18-18-G2L	713 5.5 / 7.5	18	Pre Filter	
9500	1300	2450	1005	AT-18-18-G2L	710 5.5 / 7.5	19	Pre Filter	
10000	1300	2450	1005	AT-18-18-G2L	708 5.5 / 7.5	20	Pre Filter	



FAN COIL UNIT



Model	CFM	TR.	S.P MM WG	Fan Dia	Coil Area	Motor (HP)	CWCO IL RD	RPM
GCSPL FCU-4	400	1.0	4-5	152/152 X 2 Nos.	1.33	3	3	930
GCSPL FCU-6	600	1.5	4-6	152/178 X 2 Nos.	1.77	3	3	930
GCSPL FCU-8	800	2.0	4-7	160/200 X 2 Nos.	2.43	3	3	930
GCSPL FCU-10	1000	2.5	4-8	160/200 X 2 Nos.	2.22	4	4	1200
GCSPL FCU-12	1200	3.0	4-9	160/1200 X 2 Nos.	2.66	4	4	1200
GCSPL FCU-14	1400	3.5	4-10	203/178 X 2 Nos.	3.16	4	4	960
GCSPL FCU-16	1600	4.0	4-11	203/203 X 2 Nos.	3.64	4	4	960



FRESH AIR UNIT



Model	Capacity CFM	Fan Model	Filter Area (Sqft.)	Length	Width
GCSPL FAU - 10	1000	7"x7" -1	2	660	820
GCSPL FAU - 15	1500	9"x9" -1	3	770	820
GCSPL FAU - 20	2000	10"x10" -1	4	820	820
GCSPL FAU - 30	3000	12"x12" -1	6	880	1130
GCSPL FAU - 14	4000	15"x15" -1	8	970	1430
GCSPL FAU - 60	6000	450	12	1120	1430
GCSPL FAU - 80	8000	500	16	1290	1440
GCSPL FAU - 100	10000	560	20	1490	1740
GCSPL FAU - 120	12000	630	24	1720	2060
GCSPL FAU - 150	15000	710	30	1920	2060
GCSPL FAU - 180	18000	710	36	2000	2060
GCSPL FAU - 210	21000	800	42	2140	2360
GCSPL FAU - 240	24000	900	48	2370	2670
GCSPL FAU - 300	30000	1000	60	2500	3280
GCSPL FAU - 360	36000	1000	72	2290	3890



EXHAUST FAN UNIT



Model	Capacity CFM	Fan Model	Length	Width
GCSPL EAU - 10	1000	7"x7" -1	660	820
GCSPL EAU - 15	1500	9"x9" -1	770	820
GCSPL EAU - 20	2000	10"x10" -1	820	820
GCSPL EAU - 30	3000	12"x12" -1	880	1130
GCSPL EAU - 40	4000	15"x15" -1	970	1430
GCSPL EAU - 60	6000	450	1120	1430
GCSPL EAU - 80	8000	500	1290	1440
GCSPL EAU - 100	10000	560	1490	1740
GCSPL EAU - 120	12000	630	1720	2060
GCSPL EAU - 150	15000	710	1920	2060
GCSPL EAU - 180	18000	710	2000	2060
GCSPL EAU - 210	21000	800	2140	2360
GCSPL EAU - 240	24000	900	2370	2670
GCSPL EAU - 300	30000	1000	2500	3280
GCSPL EAU - 360	36000	1000	2290	3890



Model	CFM	Fan Dia	Motor RPM	Pole
GCSPL -JET	1590-3175	315	0.34-1380 1.7-2780	4/2
GCSPL -JET	2200-4400	355	0.34-1380 1.7-2780	4/2
GCSPL -JET	3300-6700	400	0.34-1380 1.7-2780	4/2

CABINET FAN



SINGLE SKIN / DOUBLE SKIN

Model	CFM	ST. PR	Fan Dia	Motor RPM
GCSPL -CF-7	400-700	15-25	7 X 7	150 Watt
GCSPL -CF-9	800-1500	15-25	9 X 9	370 Watt
GCSPL -CF-10	1200-2000	15-25	10 X 10	450 Watt
GCSPL -CF-12	1800-3500	15-25	12 X 12	700 Watt



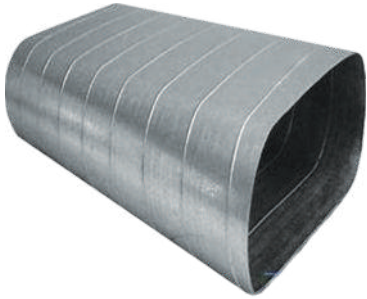
AXIAL FAN



CFM	ST. PR.	Fan Dia	Blade Qty	Motor HP	Motor RPM	Pole
1000-2000	15-20	400	6	0.5	1450	4
2500-3000	15-20	500	6	1	1450	4
3000-4000	15-20	560	6	1	1450	4
4000-5500	20-30	560	8	1.5	1450	4
5500-6500	30	630	8	2	1450	4
7000-8000	45	630	8	3	1450	4
8000-10000	20	710	6	2	1450	4
10000	20-25	710	6	3	1450	4
12000	30-35	710	8	5	1450	4
12000	20-25	800	6	5	1450	4
15000	25-35	800	8	7.5	1450	4
15000	20-25	900	6	7.5	1450	4
18000	25-35	900	8	10	1450	4
18000	20-25	1000	6	7.5	1450	4
25000	30-40	1000	8	10	1450	4
30000	20-25	1120	6	10	1450	4
25000	25-35	1200	6	15	1450	4
25000	15-20	1120	6	12.5	950	6
30000	15-20	1120	8	15	950	6
30000	20-25	1250	6	15	950	6
30000	25-35	1250	8	20	950	8
38000	25-30	1400	6	25	950	8



INSULATED & UNINSULATED DUCTS



Oval Duct



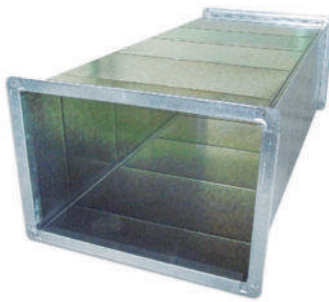
Spiral Duct



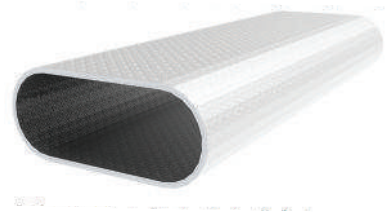
Plain Round Duct



Square Duct



Rectangular Duct

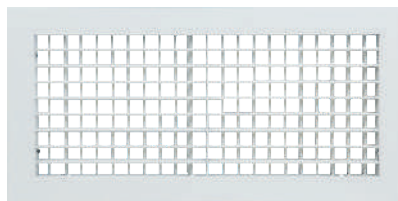


Flat Oval Duct

AIR DISTRIBUTION PRODUCTS



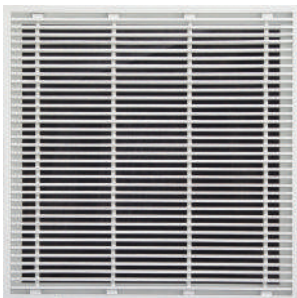
Linear Grill



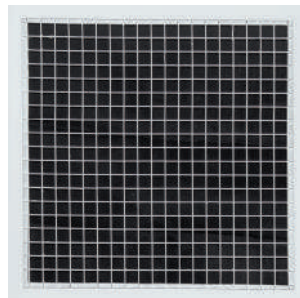
Double Louver Grill



Round Grill



Floor Grill



Egg Crate Grill



**Air Transfer /
Non Vision Type Grill**



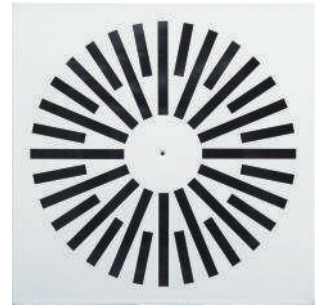
AIR DISTRIBUTION PRODUCTS



Multi Cone Square /
Rectangular Diffuser



Plate Type Removable
Core Diffuser



Helical Diffuser



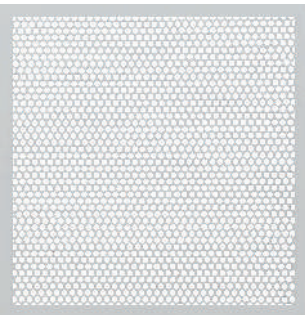
Swirl Diffuser



Round Diffuser



Exhaust Valve Diffuser



Laminar Perforated Diffuser



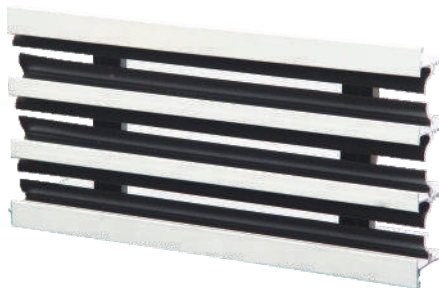
Eye Ball Diffuser



Jet Nozzle Diffuser



Reversible Jet
Nozzle Diffuser



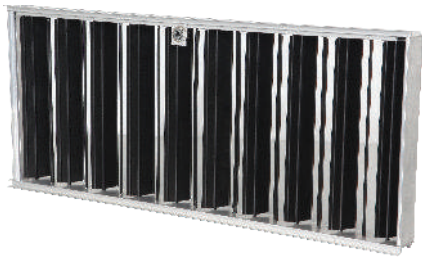
Slot Diffuser



Linear Diffuser



AIR DISTRIBUTION PRODUCTS



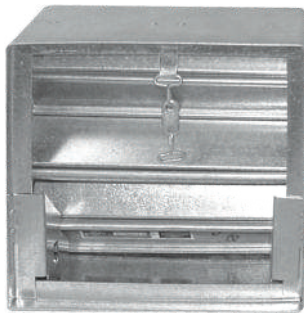
Volume Control
Grill Collar Damper



Volume Control
Gi Duct Dampers



Volume Control Al.
Duct Dampers



Fusible Link Fire Damper



Motorised Fire Damper



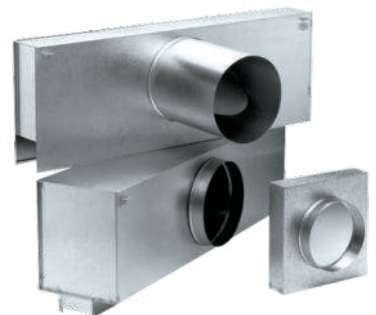
Round Butterfly Flap Damper



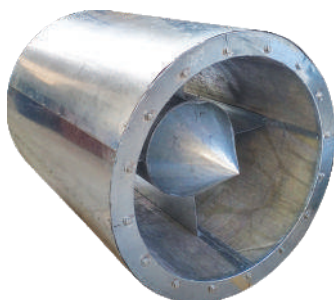
Non Return / Exhaust Damper



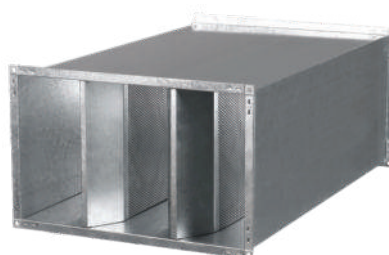
Fresh / Exhaust Fixed
Intake Louver



Plenum Box



Sound Attenuator Round



Sound Attenuator Rectangular



Semi Rigid Flexible Duct



INDUSTRIAL AIR COOLER



Technical Specifications

Model No	GCSPL-10	GCSPL-18	GCSPL-25	GCSPL-30
Fan Type	Propeller/3-Blade	Axial/3-Blade	Axial/4-Blade	Axial/4-Blade
Air Discharge Type	Top/Bottom/Side	Top/Bottom/Side	Top/Bottom/Side	Top/Bottom/Side
Airflow [CMH]	10000	18000	25000	30000
Static Pressure [mmWg]	20	25	25	25
Power [KW]	0.55	1.2	1.5	3
Voltage Frequency [V/HZ]	220/50	415/50, 220/50	415/50, 220/50	415/50
Noise [dB]	80	85	85	90
Area Coverage [m ²]	125	200	250	300
Net Weight [Kg]	75	90	95	125
Water tank capacity [L]	100	185	185	185
Pump Water Flow [LPH]	2500	2500	2500	2500
Air Outlet Dimension (LxH) [mm]	675x675	675x675	675x675	805x805
Physical Dimension (LxWxH) [mm]	925x925x1060	1225x1225x1135	1225x1225x1235	1225x1225x1385
Dust Filter [mm]	605x623-04 Nos.	455x790-08 Nos.	455x855-08 Nos.	455x1005-08 Nos.

SOME OF OUR ESTEEMED CLIENTS



GREENOZ COOLING SYSTEM PVT. LTD.

H.O. & Unit 1 : J-62 & 63, Site-C,
UPSIDC Industrial Area, Surajpur, Greater Noida,
Gautam Budh Nagar - 201306 (U.P.) India

Sales Office Delhi:
ALTF Building 101, NH-19, Ishwar Nagar,
Okhla, New Delhi - 110044

Unit 2 : I-114 & 125, Site-C,
UPSIDC Industrial Area, Surajpur, Greater Noida,
Gautam Budh Nagar - 201306 (U.P.) India

Sales Office Indore (M.P.):
94-A, Vaishno Vihar Colony,
Near Scheme No. 51/155,
Power Grid Indore (M.P.) India - 452006

Unit 3 : H-5, Kosi Kotwan,
UPSIDC Industrial Area,
Mathura - 281403 (U.P.) India

Sales Office Andhra Pradesh:
H No: 3-7, 2nd/3rd Floor,
Opp. Anand Residency,
Jampet, Rajahmundry East
Godavari (Dist)
Andhra Pradesh - 533103