

Symphony[®]

Thinking of Tomorrow

P R E S E N T S

LARGE SPACE VENTI-COOLING



THE FINEST COOLING IN CURRENT TIMES

Cooling for Industrial and Commercial Establishments @ ₹2/ft² per month[^]



Offices & Lobbies



Service Centers



Gyms & Wellness Centers



Classrooms & Hostels



Packaging Industries



Distilleries & Bottling Plants



F&B Industries



Game Zones



Army Barracks



Restaurants & Kitchens



Libraries



Banquets & Function Halls



Showrooms



Laundries



Places of Worship



Injection Moulding Plants



Hotels



Zoos & Poultry Farms



Heavy Industries



Textile & Garment Industries



Canteens



Warehouses



Auditoriums & Lecture Halls



Hospitals & Clinics



Movie Theatres



Auto & Ancillary Units



Retail Stores

and many more



**MILLION+
INSTALLATIONS**

BEYOND COOLING: DEMOCRATIZING COMFORT

Symphony Large Space Venti-Cooling is a unique concept of **air-cooling plus ventilation**. A combination not offered by any other cooling technology.

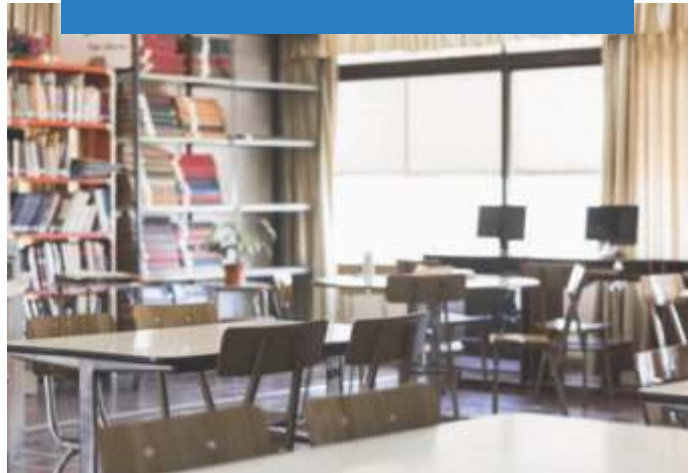
One does not have to close a space to employ this cooling.

- Offers more than physical comfort • Boosts productivity
- Increases footfall • Decreases absenteeism

LARGE SPACE COOLING
@ ₹2/FT² PER MONTH[^]



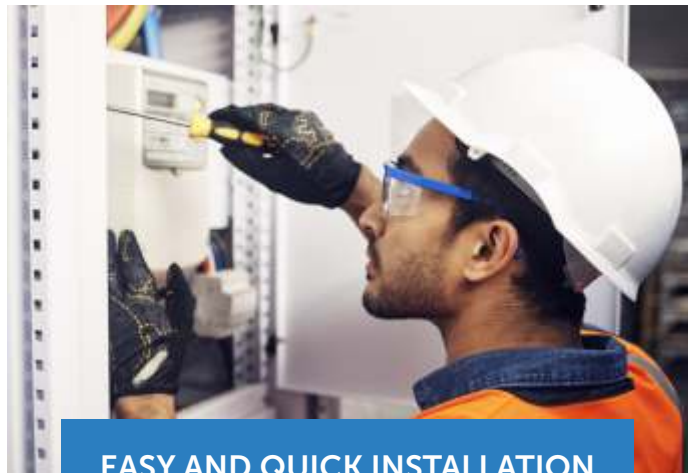
SINGLE UNIT CAN COOL
UP TO 2500 SQ.FT[^].



90% LESSER ELECTRICITY
CONSUMPTION THAN AC SYSTEM[^]



EASY AND QUICK INSTALLATION
IN JUST A COUPLE OF HOURS



AIR THAT LIFTS.

It requires a cool head to make businesses successful. Because when the mind is fresh, the work is too. So in order to boost productivity, you not only require an efficient work force but also comfortable working conditions as well. Especially in our country that is predominantly dry and hot.

With a range of proficient commercial coolers, Symphony brings to you clean, filtered air that lifts spirits. Because it's important to have an air of ambition around the work place. Add to that a 90%^ reduction in electricity consumption compared to air-conditioning systems and we're bound to make your business cooler.

^Conditions apply.



IIM A
Says...

Worker's productivity can be enhanced up to 12% by increasing the level of thermal comfort at the workplace. Research shows that optimal range of ambient temperature for enhanced worker's productivity is about 23-30° Celsius. Improvement in productivity can be gained through establishment of cooling solution at indoor workplaces.



NASA
Says...

NASA found and reported in heat stress report CR-1205 (1) that temperature over 75°F negatively affects both productivity and accuracy of work. The following table is a summary of the relationship identified during NASA test between temperature, work output and accuracy.

Effective Temperature °F/°C

75/24 80/27 85/29 90/32 95/35 100/38 105/41

Loss of Work Output

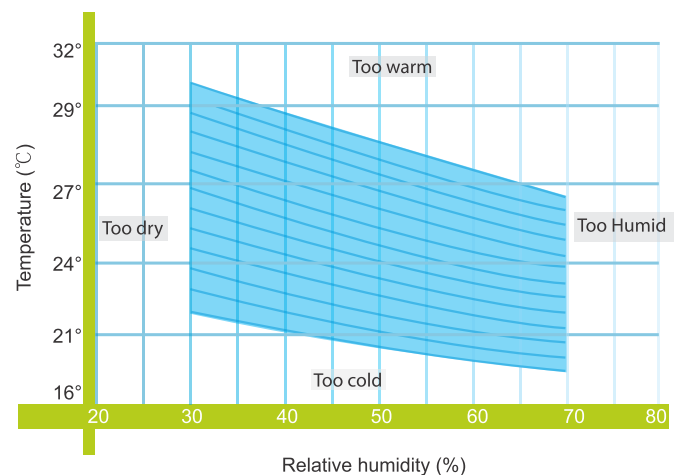
3% 8% 18% 29% 45% 62% 79%

Loss in Accuracy

0% 5% 40% 300% 700% >700% >700%

Human Comfort Zone

Also Known as the thermal comfort zone, this refers to the range of temperature and humidity conditions that most people will find comfortable. Meaning, that people working in such a zone are likely to be at their most productive state.



ADVANTAGES OF SYMPHONY LARGE SPACE VENTI-COOLING SOLUTIONS



Improved Productivity

Constant influx of fresh air ensures an air cooled space and prevents allergies caused by poor ventilation.



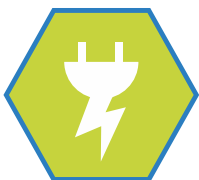
Improved Staff Morale

Better working conditions at the workplace result in better staff morale.



Improved Revenue

As per IIMA Research, worker's productivity can be enhanced up to 12%^ by increasing the level of thermal comfort.



Save on Electricity

Power consumption is 90% lesser than AC system^



Save on Initial Cost

Typically, cost of installation is significantly less compared to central air conditioning.



Payback in 4-5 months^

Lower electricity cost means the cost of installation is recovered in 4-5 months.

WORKING PRINCIPLE OF SYMPHONY LARGE SPACE VENTI-COOLING SOLUTIONS

Filtered and cooled by a large space venti-cooling solution, the fresh outdoor air is continuously sent into the indoor space through the air duct and air supply outlets. With the continuous supply of cooled fresh air, the indoor space is in a positive pressure condition, thus the original hot air containing odor and dust is emitted out of the room, resulting in a cool, ventilated, clean and comfortable environment. Suitable exhaust area and effective exhaust are essential for satisfactory performance of any large space venti-cooling solution.



COOLING THE WORLD SINCE 1939

**1939**

The air cooler was invented by Goettl brothers in USA. International Metal Products Company (now IMPCO, a Symphony Group Company) was founded.

1955

International Metal Products Company de Mexico, S.A. de C.V. was established.

1988

Symphony pioneered branded air coolers in India.

1994

Symphony went public.

2000

Guinness world record for largest air cooler.

2001

Keruilai (now a Symphony Group Company) was founded in China.

2009

Symphony acquired IMPCO.

2010

Introduced Central Air Cooling Solutions + India's largest commercial air cooling project.

2015

Acquisition of Keruilai + Market value of Symphony crossed ₹11,000 crores.

2018

Symphony's acquisition of Climate Technologies-Australia and Bonaire-USA + Market value of Symphony crossed ₹15,000 crores.

2019

Introduced a range of portable commercial air coolers and world's first universal air coolers manufactured in India.

2020

Launched a range of accessories for industrial and commercial air coolers.

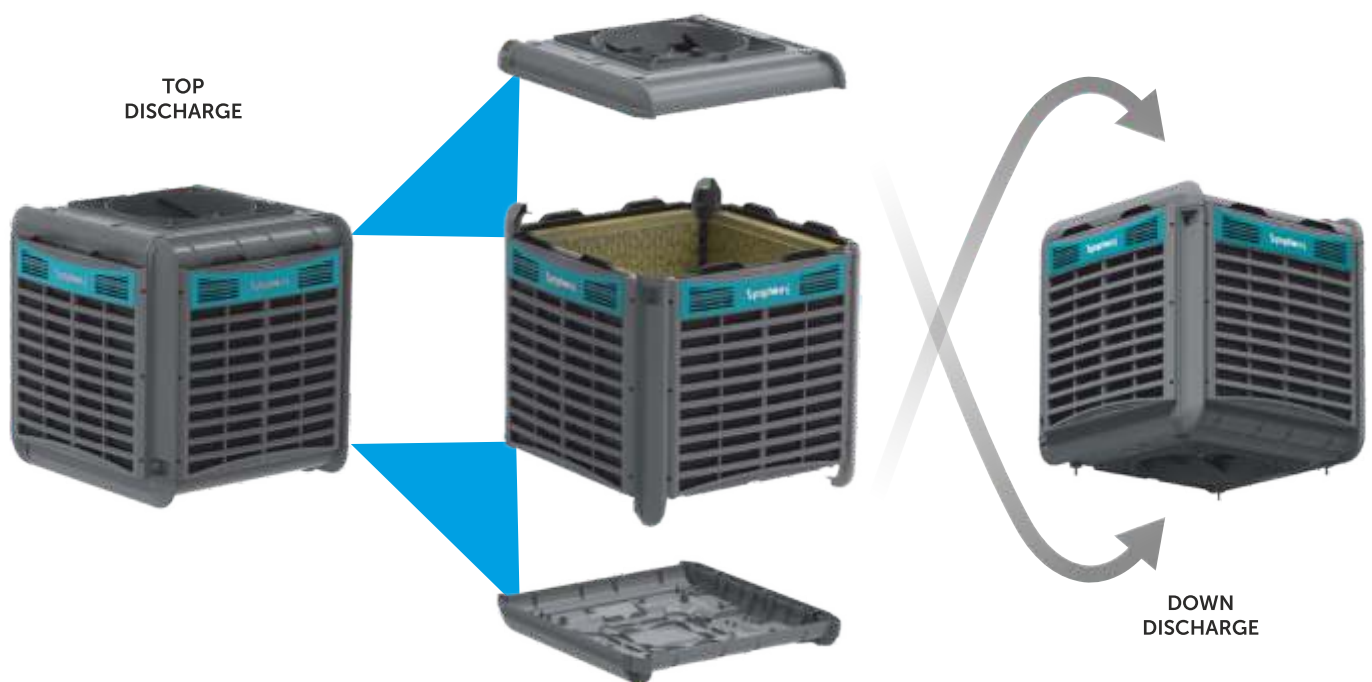
2024

Launched VC40 in the industrial air cooler range.

2025

Launched VC 22S in the industrial air cooler range & Air Bender in accessories.

LARGE SPACE VENTI-COOLING SOLUTIONS FOR INDUSTRIAL & COMMERCIAL USAGE



Universal options - top & down discharge

Symphony large space venti-cooling solutions are uniquely designed to provide flexibility during installation. The product can be used for top or down discharge depending on the requirement. It takes minutes to interchange from top to down discharge or vice versa.



MADE IN INDIA
MADE FOR THE WORLD

VENTI-COOL 11U

Universal air cooler

Cooling @ ₹2/sq.ft. per month[^]



3 Side discharge option
Top, Bottom & Side



Features



Modular units suitable for any area.
One unit can cool up to 700 sq.ft.*



0.45 kW, 2 speed motor for
powerful air delivery of 11000 CMH



Cool Flow Dispenser
for enhanced cooling



Three side cooling pads
for superior cooling



Weather resistant, UV Stabilized
engineering plastic body



Symphony accessories for easy and
quick installation in a couple of hours



VENTI-COOL 20U

Universal air cooler

Cooling @ ₹2/sq.ft. per month[^]



2 Side discharge option
Top & Bottom



Features



Modular units suitable for any area.
One unit can cool up to 1200 sq.ft.*



1.1 kW motor for powerful
air delivery of 20000 CMH



Cool Flow Dispenser
for enhanced cooling



Four side cooling pads
for superior cooling



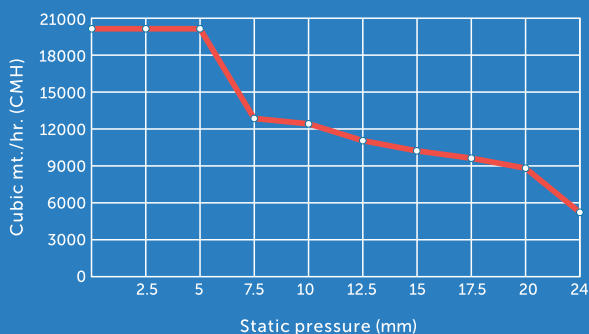
Weather resistant, UV Stabilized
engineering plastic body



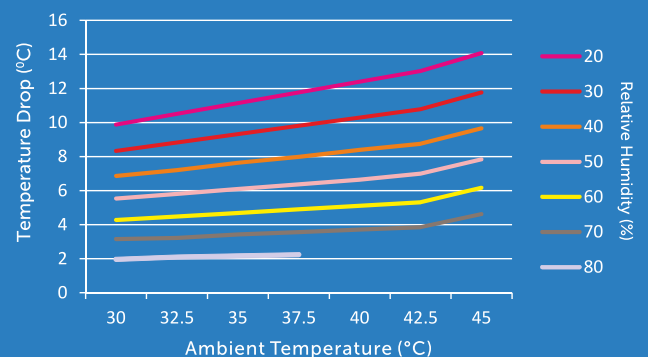
Symphony accessories for easy and
quick installation in a couple of hours

Performance Curves

Air delivery @ various static pressure



Temperature Drop



* Actual measurements may vary within +/- 15% of specified values. ^ Conditions apply.

VENTI-COOL 22S

Cooling @ ₹ 2/sq.ft. per month[^]

NEW



Side discharge option

Features



Modular units suitable for any area. One unit can cool up to 1300 sq.ft.*



1.1 kW motor for powerful air delivery of 22000 CMH



Cool Flow Dispenser for enhanced cooling



Three side cooling pads for superior cooling



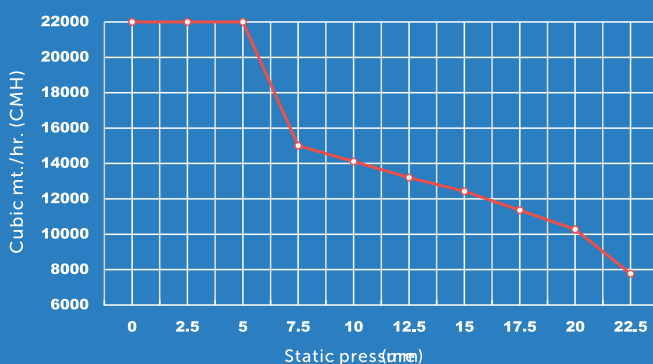
Weather resistant, UV Stabilized engineering plastic body



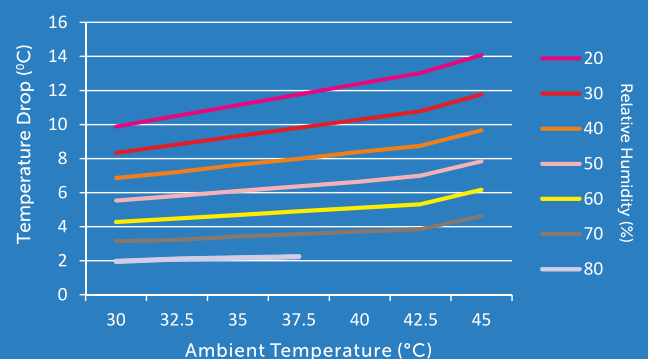
Symphony accessories for easy and quick installation in a couple of hours

Performance Curves

Air delivery @ various static pressure



Temperature Drop



* Actual measurements may vary within +/- 15% of specified values. ^ Conditions apply.

VENTI-COOL 25U

Universal air cooler

Cooling @ ₹2/sq.ft. per month[^]



2 Side discharge option
Top & Bottom



Features



Modular units suitable for any area.
One unit can cool up to 1600 sq.ft.*



1.5 kW motor for powerful
air delivery of 25000 CMH



Cool Flow Dispenser
for enhanced cooling



Four side cooling pads
for superior cooling



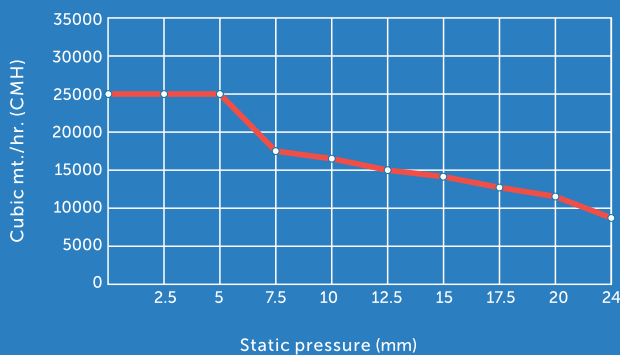
Weather resistant, UV Stabilized
engineering plastic body



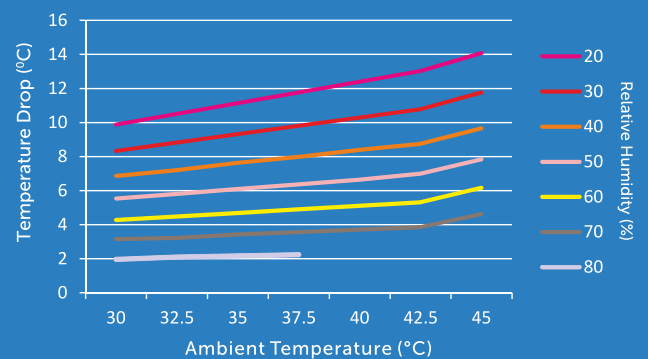
Symphony accessories for easy and
quick installation in a couple of hours

Performance Curves

Air delivery @ various static pressure



Temperature Drop



* Actual measurements may vary within +/- 15% of specified values. ^ Conditions apply.

VENTI-COOL 40

Air cooling @ ₹2/sq.ft. per month[^]



2 discharge options
Top & Bottom



Features



Modular units suitable for any area.
One unit can cool up to 2500 sq.ft.



High quality air pre-filter
to protect the cooling pad



Weather resistant, UV Stabilized
engineering plastic body



3 kW motor for powerful air delivery
of 40,000 CMH



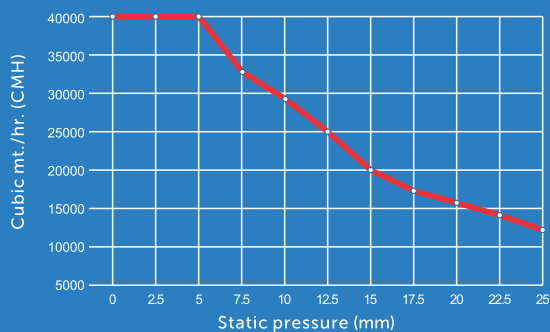
Four side cooling pads
for superior cooling



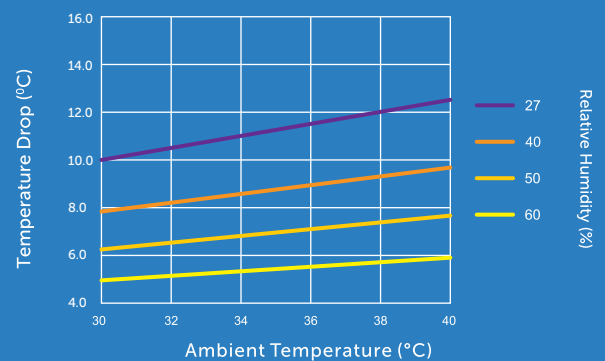
Easy installation
and maintenance

Performance Curves

Air delivery @ various static pressure



Temperature Drop



MOVICOOOL XXL

Single unit comes pre-fitted with Symphony accessories, suitable for areas up to 1500 sq.ft.*



Features



1.1 kW motor for powerful air delivery of 20000 CMH



Auto swing



Cool Flow Dispenser for enhanced cooling



Weather resistant, UV Stabilized engineering plastic body



Fully closable horizontal louvers



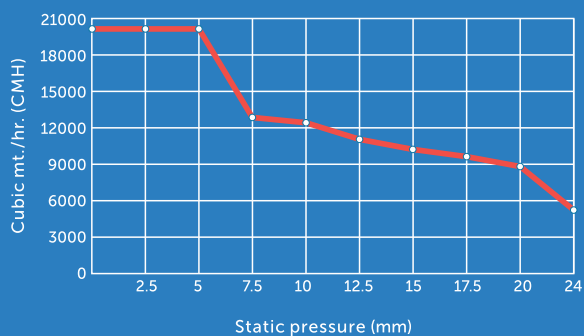
Four side cooling pads for superior cooling



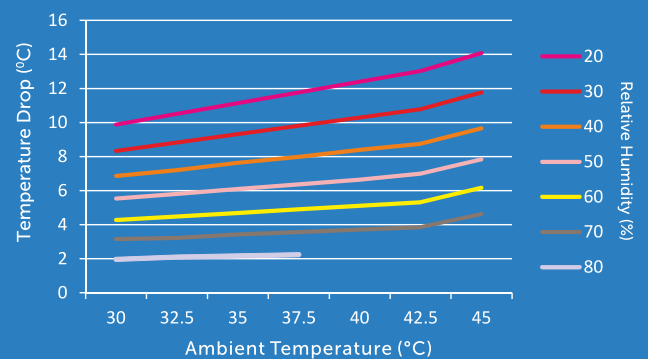
Heavy duty lockable wheels for portability

Performance Curves

Air delivery @ various static pressure



Temperature Drop



* Actual measurements may vary within +/- 15% of specified values.

SPS 45 / 75 40,000 / 60,000 CMH

SPU 75 60,000 CMH

Features

- ◆ High air pressure and long distance air delivery
- ◆ High performance cooling pads
- ◆ Stainless steel chassis to extend the service life
- ◆ Auto Clean available to keep tank and water clean all the time and thereby also prevent frequent clogging of pads
- ◆ High quality air pre-filter to protect the cooling pad
- ◆ Easy to operate and maintain



Model		SPS 45	SPS 75	SPU 75
Discharge Type		Side	Side	Top
Nominal Max Airflow	m ³ /h	40000	60000	60000
Voltage/Hertz/Phase	V/Hz/Ph	380-415/50/3 220/60/3	380-415/50/3 460/60/3	380-415/50/3 460/60/3
Motor Power	kW	7.5	15	15
Cooling Capacity*	kW	150	260	260
Evaporative Efficiency*	[%]	84	84	84
Evaporative Capacity*	L/H	220	380	380
Sound Pressure Level @1m dB(A)		82.5	86	86
Water Tank Volume	L	80	100	100
Air Outlet Dimensions	mm	702×780	831×924	837×931
Unit Size	mm	1770×1770×1380	2055×1970×1700	1970×1970×1754
Net Weight	kg	450	630	625
Running Weight	kg	555	755	760
Minimum Order Quantity		6	5	5

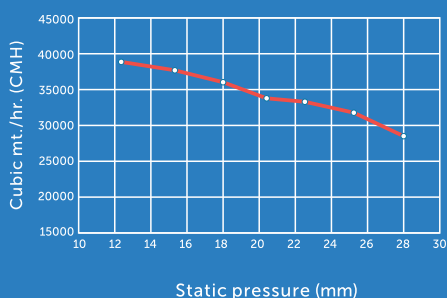
SPS45	
CMH	Ext Stat Pre, Pa
21000	350
24000	325
27500	300
30000	275
32000	250

SPS75	
CMH	Ext Stat Pre, Pa
21800	500
32300	450
35700	400
40000	350
43300	300

SPU75	
CMH	Ext Stat Pre, Pa
22900	500
33900	450
37500	400
42000	350
45500	300

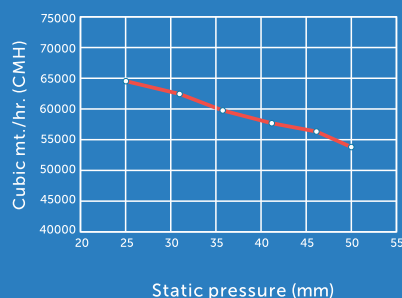
Performance Curves

cmh @ varius static pressure



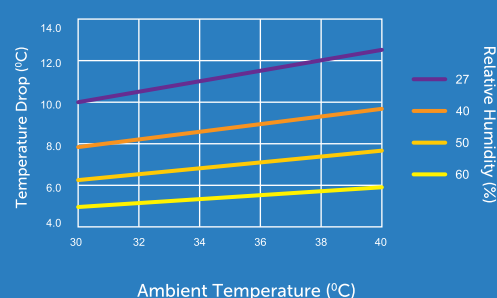
SPS 45

cmh @ varius static pressure



SPS 75 & SPU 75

Temperature Drop



MOVICOOL RANGE



Other Features

- Easily removable and cleanable cooling pads
- Powerful 3 speed fan
- Fully closable horizontal louvers
- Auto vertical swing
- Low power consumption
- Three side dust filters
- Cool Flow Dispenser for enhanced cooling
- Float valve for auto water filling
- Lockable heavy duty wheels



3-side honeycomb cooling pads for enhanced cooling



Robust weather resistant body for long life



Powerful air throw for faster cooling

PARAMETERS	DD 125	XE 200	XE 100	L 200	L 125
Air volume (m ³ /hr)	17000	18000	18000	8500	8500
Air throw distance (m)	upto 10	upto 11	upto 11	upto 10	upto 10
Tank capacity (up to brim-L)	125	200	100	200	125
Fan diameter (mm)	525 x 2	750	750	525	525
Wattage (W) 230V/50Hz	215 x 2	580	580	215	215
Cooling media	Honeycomb	Honeycomb	Honeycomb	Honeycomb	Honeycomb
Weight (Net/Gross) kg	40/50	52/61	43/51	28/34	24/30
Product dimensions (L x B x H) mm	870 x 440 x 2100	1125 x 725 x 1790	1125 x 725 x 1560	870 x 440 x 1700	870 x 440 x 1400

ACCESSORIES

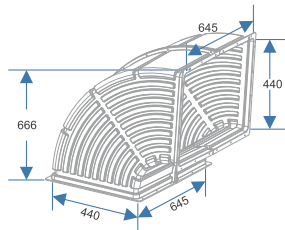
Symphony accessories are specially designed for quick and easy installation. Any installation can be completed within a few hours!

Features

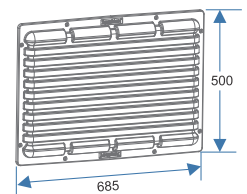
- Weather resistant, UV Stabilized engineering plastic body for long life
- Aesthetic and homogeneous looks



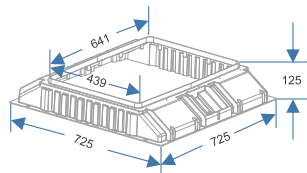
ELBOW



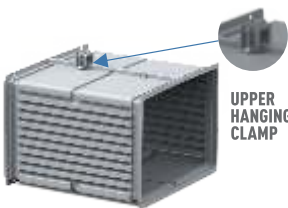
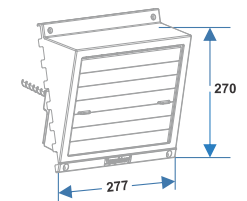
END CAP



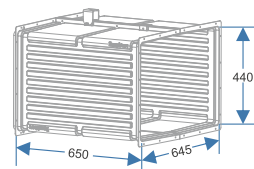
MOUTHPIECE



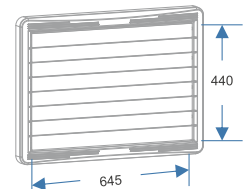
AIR OUTLET GRILL WITH DAMPER



MODULAR DUCT



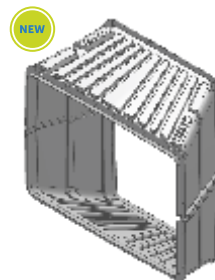
FRONT GRILL WITH AUTO-LOUVER



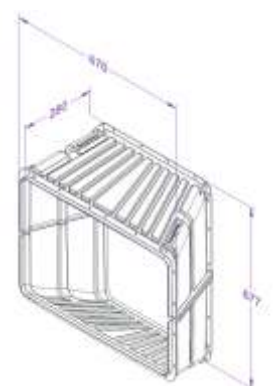
VARIABLE SPEED CONTROLLER FOR VC20



PROTECTOR FOR VC25



AIR BENDER



Note: all dimensions are in mm



INSULATION NOT REQUIRED



SMOOTH AIRFLOW



LEAKPROOF DESIGN



QUICK AND EASY INSTALLATION

INSTALLATION VIEW



Outside view

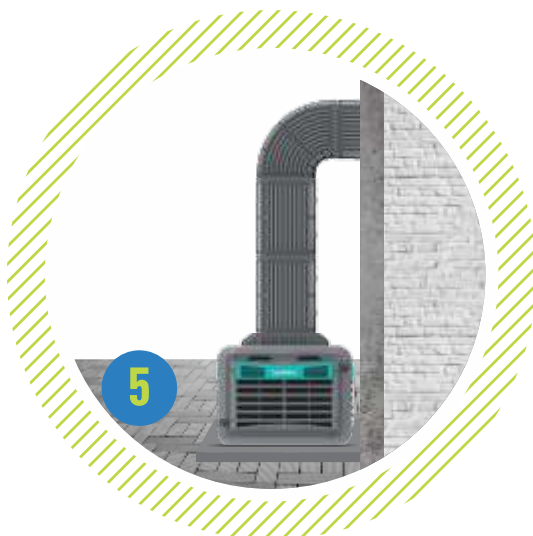
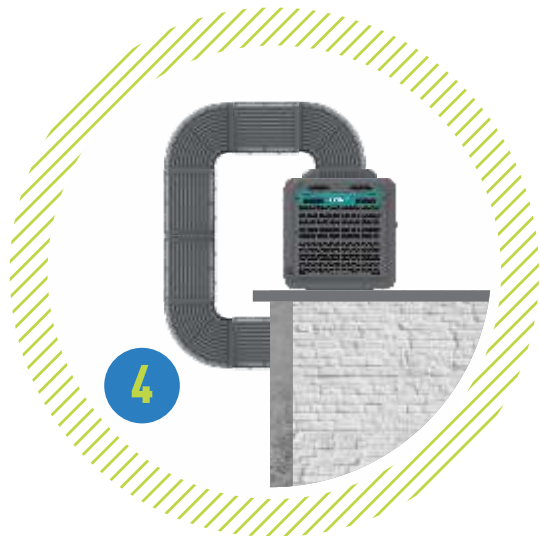
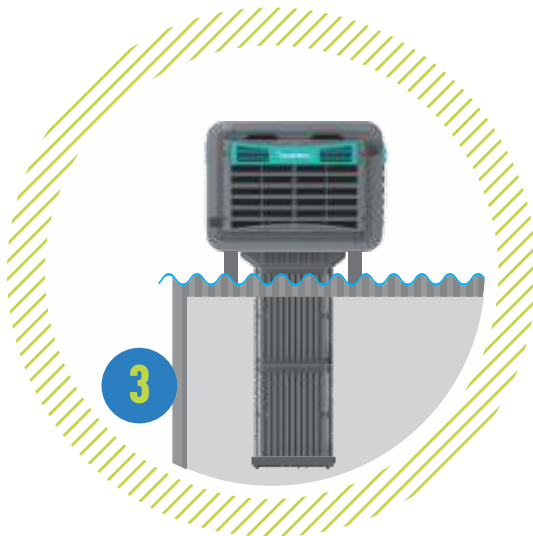
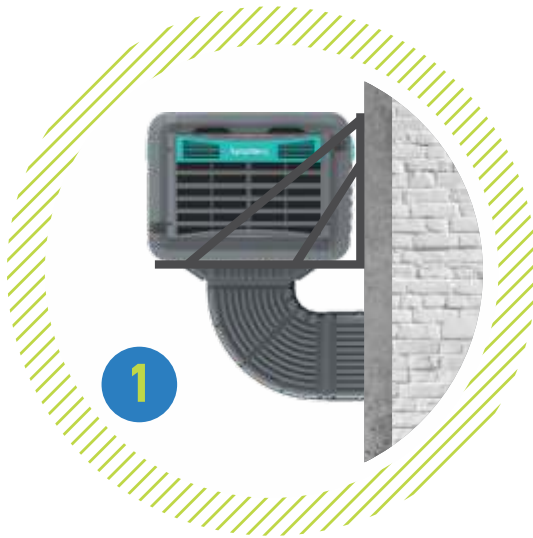


Inside view

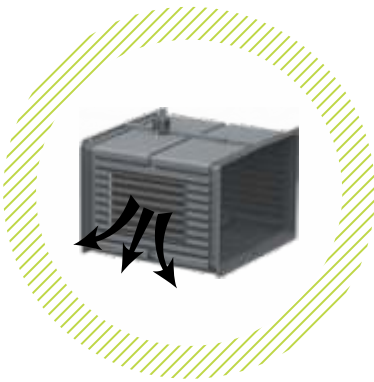


UNIVERSAL INSTALLATION (TOP/BOTTOM DISCHARGE)

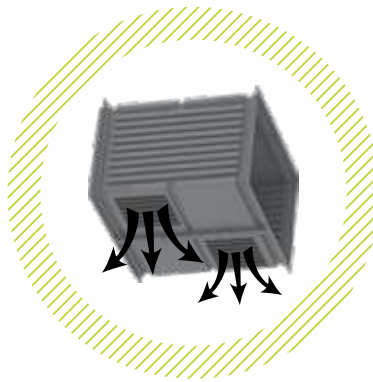
TYPES OF INSTALLATION



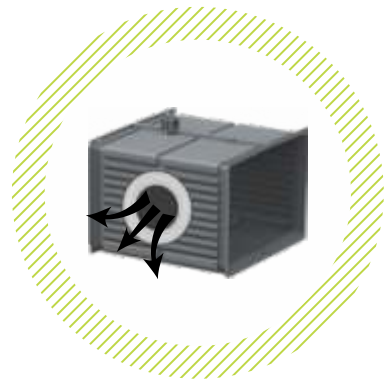
AIR OUTLET OPTIONS



Side air outlet



Bottom air outlet



Air nozzle



INSTALLATIONS

Segment : Factory



Segment : Hotel



Segment : Warehouse



INSTALLATIONS

Segment : Banquet Hall



Segment : Factory



Segment : Restaurant



INSTALLATIONS

Segment : Class Room



Segment : Factory



Segment : Showroom



INSTALLATIONS

Segment : Factory



Segment : Warehouse



Segment : Cloud Kitchen



OUR CUSTOMERS



OUR GLOBAL COMPANIES



Symphony
Symphony Limited
India
symphonylimited.com



Ki
GSK Air Coolers Co. Ltd.
China
keruilai.com



IMPCO
Impco S. de R.L. de C.V.
Mexico
symphonylimited.com.mx



BONAIRE
The leaders in heating and cooling
Bonaire USA
USA
bonaire-usa.com



CLIMATE
TECHNOLOGIES
Climate Technologies Pty Ltd.
Australia
climatetechnologies.com.au



Symphony
Symphony Climatizadores
Brazil
symphonyclimatizadores.com.br

FEW TESTIMONIALS



March 26, 2020

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms. Shree Ram Corporation** has installed 4 Units of Symphony Air coolers at our manufacturing plant.

The installation of the coolers are completed as per our satisfaction and as per the time frame provided by us priorly. We are satisfied with the performance of cooler's design and installation by **Ms. Shree Ram Corporation**.

We highly recommended the Quality of Symphony Industrial Air Cooler which are modular and cost-effective solutions.

Wishing **Ms. Shree Ram Corporation** and **Symphony Limited** success in their future Endeavors.

Thanks & regards,



For Standard Radiators Pvt. Ltd.

STANDARD RADIATORS Pvt. Ltd.

V/2, Industrial Estate, Gensu, Vadodra - 390019, Gujarat, India
CIN: U24291GJ1986PT000520

+91-265-2280416/HT

+91-265-2280522

www.standardradiators.com

RADNIK EXPORTS GLOBAL PRIVATE LIMITED
(FORMERLY KNOWN AS RADNIK EXPORTS)

E-2, Sector-89
Gurgaon - 122001 U.P. India
Phone : +91-129-4882758
Email : export@radnik.net
AN ISO 9001:2015 COMPANY
CIN: U48411DL2002PT042174

To Whom It May Concern,

This is to confirm that we are currently using Symphony Water Coolers for our garments Manufacturing Industry. These Industrial coolers have been in use for the past three years, and we are satisfied with their performance, after sales service and warranty.

We wish the company all the success in the industry of cooling and sustainability.

Sent Regards,

Radnik Exports Global Private Limited

(A Government recognized & star export house)

New Delhi/India/England



Plot: C/111, Datta Building, 4th Floor, T2, Nehru Place, New Delhi 110019
Phone : +91 11 47483200 E-mail: radnik@radnik.net
Website: www.radnikexports.com



BHARTI COLLEGE OF ENGINEERING & TECHNOLOGY

Run By: M/s. Jag Mahadev Education Society (JMIES), ONGC
Approved By - All India Council for Technical Education (AICTE), NEW DELHI
Affiliated To - Chhatrapati Shri Chhatrapati Maharaj Technical University (CMTU), BILGA
BHARTI TECHNOLOGY PARK, MULGAON CHOWKI, ONGC, (C.E.) - 491005
Mob. No. - 915505111/2212/3112, 9155051015, E-mail: bharti@bharticollege@gmail.com, www.bharticollege.org

Ref. No. - SCET/003/178

Date: 31/08/2023

To,
Mr. Vishwas Kumar Mishra
Symphony Ltd.
Raipur

Dated:

Testimonial

Dear Sir,

The industrial air cooler we acquired has become an indispensable asset in our classrooms. Its powerful cooling capacity has made a significant impact on our students and staffs, allowing us to maintain a consistent workflow even during the summer days. Beyond its performance, the durability of the unit has stood the test of time, proving its value as a long-term investment.

With Symphony VC 20U & 25U, we found not just a product, but a reliable partner in enhancing our classrooms environment.

Thanks & Regards,
For,



PARAS WEBCOAT PVT. LTD.

Works : 29, Shree Anand Industrial Estate, Sonard Vastpur Highway,
Village : Lpan, Tal. Sonard, Dist. Anand-388 179,
Gujarat. Registration No. : U25299GJ1991PT0014902

TO WHOM SO EVER IT MAY CONCERN

This is to certify that M/S Paras Coating Solutions has installed 15 Units of Symphony Air Cooler of VC 20 U (10000 CHW) in our Manufacturing Plant, (10000 Tons) at different Parameters at Sonard and Badi.

The units are installed to our satisfaction and we are very satisfied with the performance of Symphony Air Cooler and design & installation as per the Terms of Supply by M/S Airflow Cooling Solutions.

We highly recommended the Quality of Symphony Industrial Air Cooler, which are Environment, Modular Installation and Cost-Effective Solutions.

Wishing Airflow Cooling Solutions and Symphony Limited success in their future endeavours.

Thanks, and regards,

Head Plant

Date : 30/08/2023

Authorised Signature



Reg. Office : Janki House, 2 Sarve Path, Opp. Haridra Mahi, Dore-in Road, Bodhachal, Anand-388 184,
Tel. : 8779388627-29, Fax. : 8779388623, E-mail : admin@paraswebcoat.com



TECHNICAL SPECIFICATIONS



Parameter	Venti-Cool 11U	Venti-Cool 20U	Venti-Cool 22S	Venti-Cool 25U	Movicool XXL	Venti-Cool 40
Discharge	Top / Bottom / Side	Top / Down	Side	Top / Down	Top	Top / Down
Nominal air delivery (CMH)	11000	20000	22000	25000	20000	40000
Cooling area (sq.ft.)	up to 700	up to 1200	up to 1300	up to 1600	up to 1500	up to 2500
Net weight (kg)	47	53	65	69	78	113
Operating weight (kg)	97 / 77 / 97	115 / 89	135	131 / 105	140	181
Input supply (V/Hz/Ph)	230/50/1	230/50/1	230/50/1	415/50/3	230/50/1	415/50/3
Power Consumption (kW)	0.45	1.1	1.1	1.5	1.1	3.0
Outside dimensions (LxBxH in mm)	950 x 950 x 930	1140 x 1140 x 850	1140 x 1140 x 1130	1140 x 1140 x 1130	1140 x 1140 x 1770	1225 x 1225 x 1350
Air outlet dimensions (HxW in mm)	500 x 500	670 x 670	670 x 670	670 x 670	645 x 440	777 x 777
Body material	UV Stabilized High Grade Plastic	UV Stabilized High Grade Plastic	UV Stabilized High Grade Plastic	UV Stabilized High Grade Plastic	UV Stabilized High Grade Plastic	UV Stabilized High Grade Plastic
Tank capacity (L)	50 / 30 / 50	70 / 40	70 / 40	70 / 40	70	40
Air moving device	Fan	Fan	Fan	Fan	Fan	Fan
Fan diameter (mm)	425	620	620	620	620	710
Cooling media	Honeycomb pads	Honeycomb pads	Honeycomb pads	Honeycomb pads	Honeycomb pads	Honeycomb pads
Pad thickness (mm)	60	100	100	100	100	100
Cooling surface area of pad (sq.mtr.)	1.45	1.6	1.94	2.6	1.6	3.6
Minimum cooling efficiency (%)	75	80	80	80	80	80
Number of speeds (nos.)	2	1	1	1	1	1
Duct length-with one bend (ft.)	up to 30	up to 60	up to 70	up to 80	Direct throw	up to 125
Air outlets (nos.)	up to 7	up to 8	up to 10	up to 12	-	up to 20

Note: Must use suitable rated protective devices like Single phase preventer, Voltage stabilizer, Spike buster, etc.

* Use suitable water supply with TDS less than 400 ppm

* Under test condition DB38°C/WB23°C

* Above specifications, external appearance and colours are subject to change without prior notice, and, actual measurements may vary within +/-15% of specified values.

+ Average cost of power consumption

^ Conditions apply

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