



Symphony[®]

Thinking of Tomorrow

**PRESENTS
LARGE SPACE
VENTI-COOLING**

www.symphonyventicool.com

THE FINEST COOLING IN CURRENT TIMES

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

- Factories
 - Educational Institutes
 - Warehouses
 - Religious Places
 - Hospitals
 - Banquet Halls
 - Showrooms
 - Restaurants
 - Residences
- and many more..

MILLION+
INSTALLATIONS



BEYOND COOLING

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. This is of even greater significance in the current times of the pandemic.

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

LARGE SPACE COOLING
@ ₹ 2/ft² PER MONTH[^]

ONLY ONE UNIT CAN COOL
UP TO 1600 SQ.FT.



90% LESSER ELECTRICITY
CONSUMPTION THAN AC SYSTEM[^]

EASY AND QUICK INSTALLATION
IN JUST A COUPLE OF HOURS

AS PER THE EXPERTS, A CLOSED ENVIRONMENT CAN TURN INTO A BREEDING GROUND FOR DEADLY VIRUSES. ONE MUST ALLOW SUFFICIENT VENTILATION TO MINIMIZE CHANCES OF GETTING DANGEROUS INFECTIONS.

ISHRAE

As per ISHRAE (Indian Society of Heating, Refrigerating and Air Conditioning Engineers) COVID-19 Guidance Document

- High relative humidity tends to neutralize COVID-19 virus.
- The COVID-19 virus survives longer at lower temperature. A temperature range of 24° - 30°C is safer and sufficient for human comfort.
- A constant flow of fresh air is recommended for minimizing the risks of infection preferably without recirculation of the air.



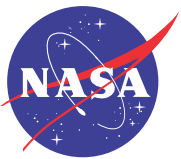
WHO recommends an increased ventilation rate through natural or mechanical means, preferably without recirculation of the air.



SYMPHONY LARGE SPACE VENTI-COOLING TAKES CARE OF ALL THE MEASURES SUGGESTED BY WHO AND ISHRAE AGAINST COVID-19. THEREFORE, IN THE CURRENT SCENARIO, IT IS HEALTHIER, SAFER AND AFFORDABLE COOLING OPTION SUITABLE FOR INDUSTRIAL & COMMERCIAL ESTABLISHMENTS.



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.



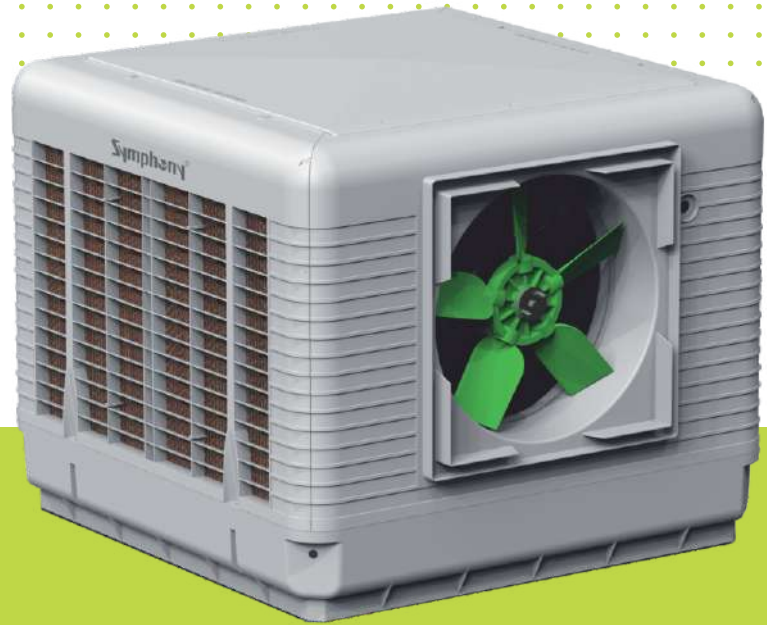
NASA found and reported in heat stress report CR-1205 (1) that temperature over 75°F negatively affects both productivity and accuracy of work. The following table is a summary of the relationship identified during NASA test between temperature, work output and accuracy.

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%



VENTI-COOL 8U

Universal air cooler
Cooling @ ₹2/sq.ft.
per month[^]



Features



Modular units suitable for any area.
One unit can cool up to 500 sq.ft.*



0.37 kW, 2 speed motor for
powerful air delivery of 8000 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 10U

Universal air cooler
Cooling @ ₹2/sq.ft.
per month[^]



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 10000 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[^]



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



VENTI-COOL 25U

Universal air cooler
Cooling @ ₹2/sq.ft.
per month[^]



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



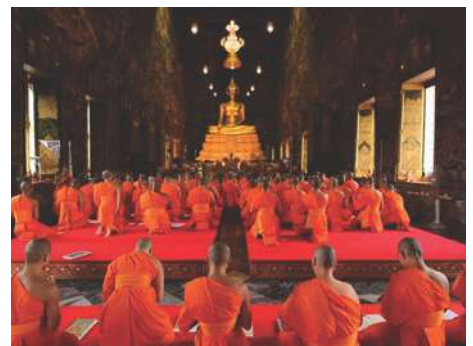
Four side cooling pads
for superior cooling



Weather resistant UV Stabilized
engineering plastic body



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



MOVICOOOL XXL

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

Cooling @ ₹2/sq.ft. per month[^]



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

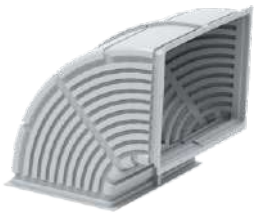


Four side cooling pads for superior cooling

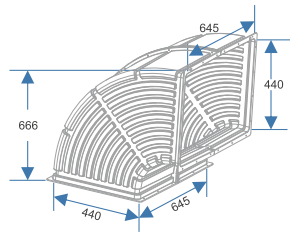


Heavy duty lockable wheels for portability

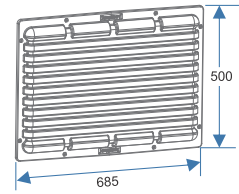




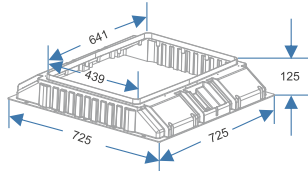
ELBOW



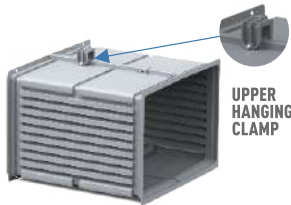
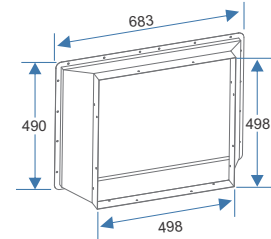
END CAP



MOUTHPIECE

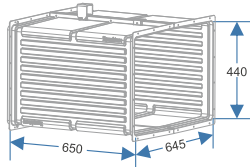


CANVAS CONNECTOR



UPPER HANGING CLAMP

MODULAR DUCT

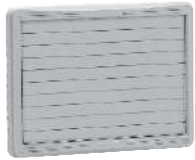


ACCESSORIES

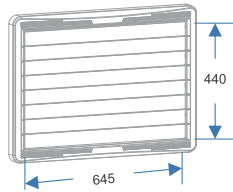
Symphony accessories are specially designed for quick and easy installation. Any installation can be completed within a few hours!

Features

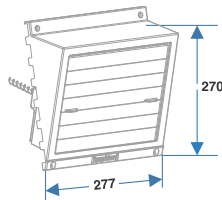
- Weather resistant UV Stabilized engineering plastic body for long life
- Aesthetic and homogeneous looks



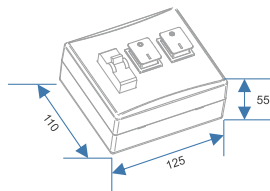
FRONT GRILL WITH AUTO-LOUVER



AIR OUTLET GRILL WITH DAMPER



CONTROLLER FOR VENTI-COOL 20U



VARIABLE SPEED CONTROLLER



INSULATION NOT REQUIRED



SMOOTH AIRFLOW

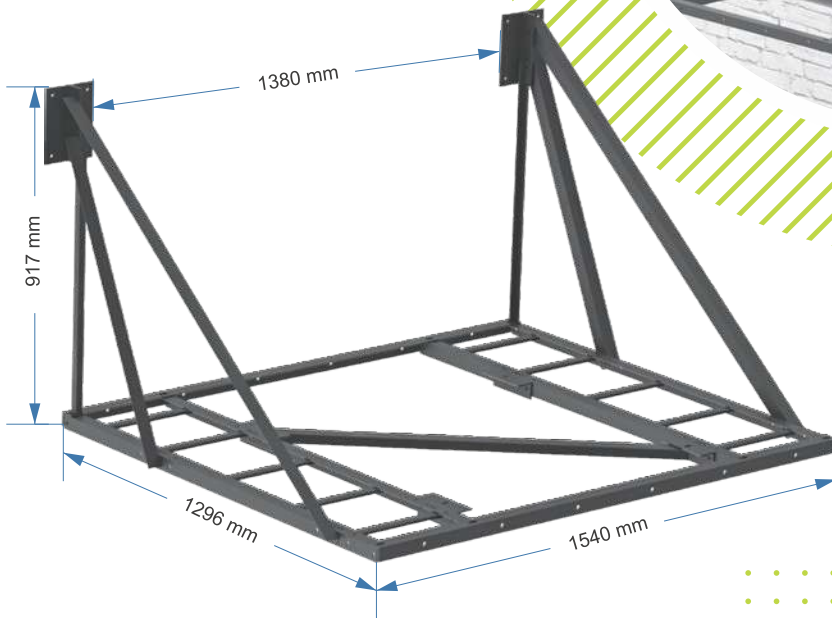


LEAKPROOF DESIGN



QUICK AND EASY INSTALLATION

**WALL-MOUNTING
STAND**



FEATURES



**QUICK AND EASY
INSTALLATION**



HEAVY DUTY STEEL



**DURABLE
POWDER COATING**



**NUTS AND BOLTS
ARE INCLUDED**

TYPES OF INSTALLATION



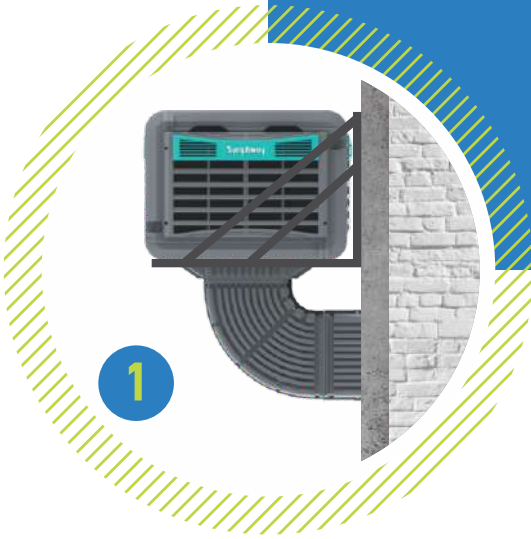
Outside view



Inside view



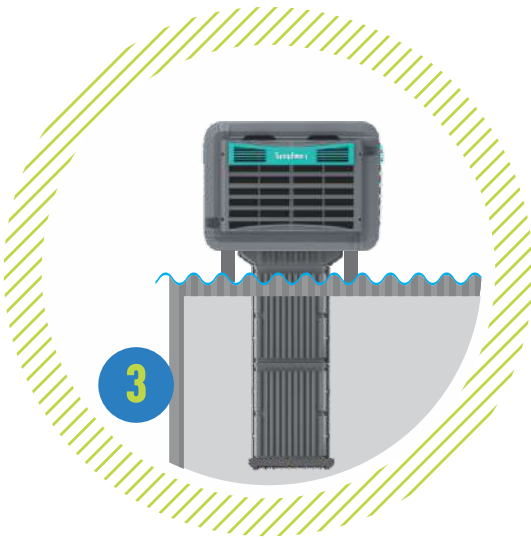
UNIVERSAL INSTALLATION
(TOP/BOTTOM DISCHARGE)



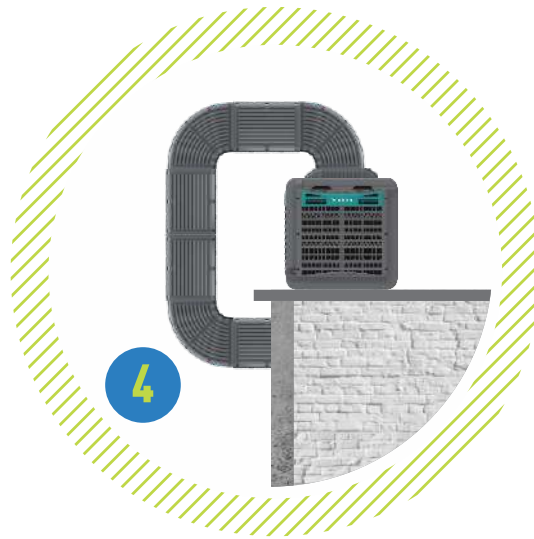
1



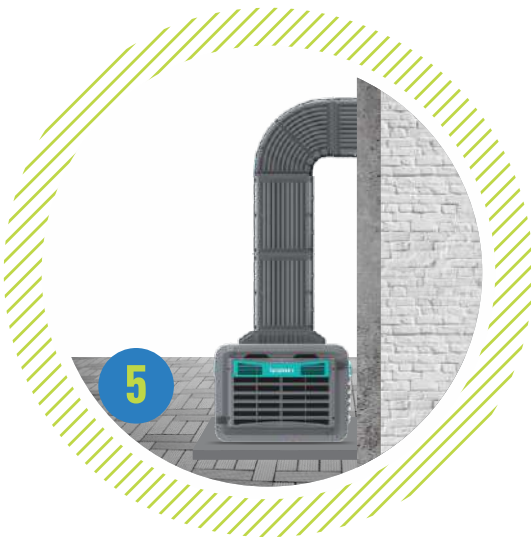
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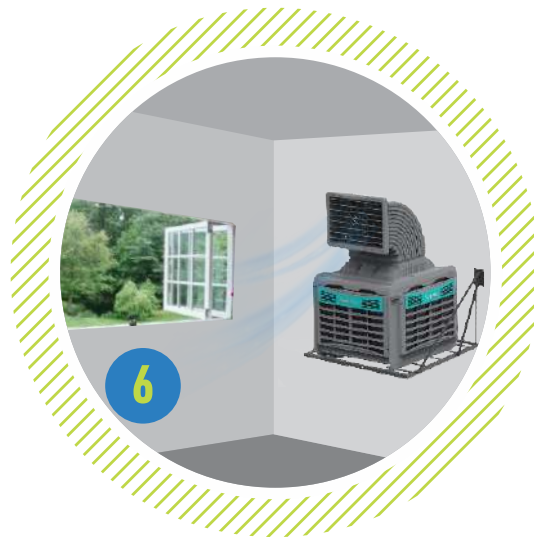
3



4

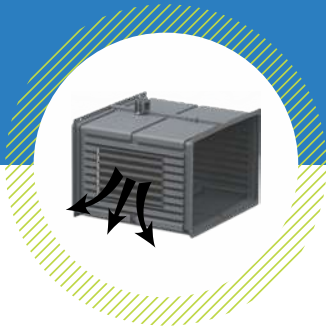


5



6

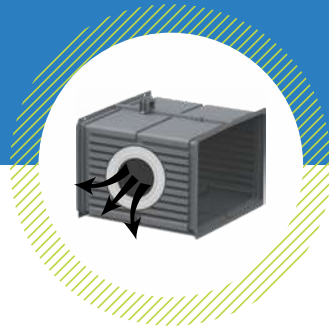
AIR OUTLET OPTIONS



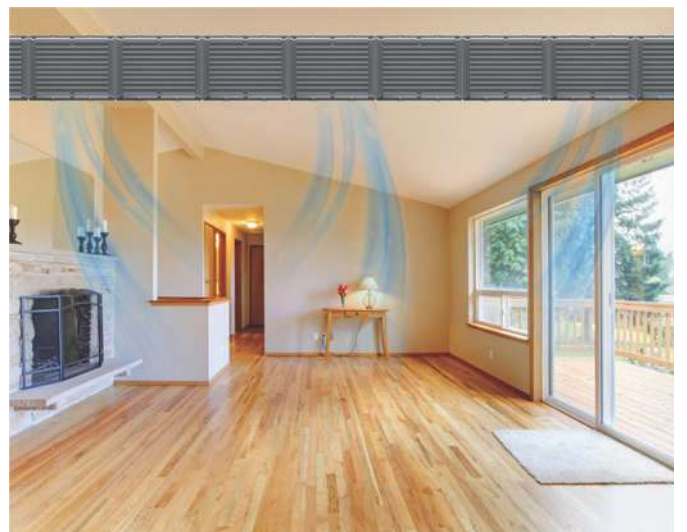
Side air outlet



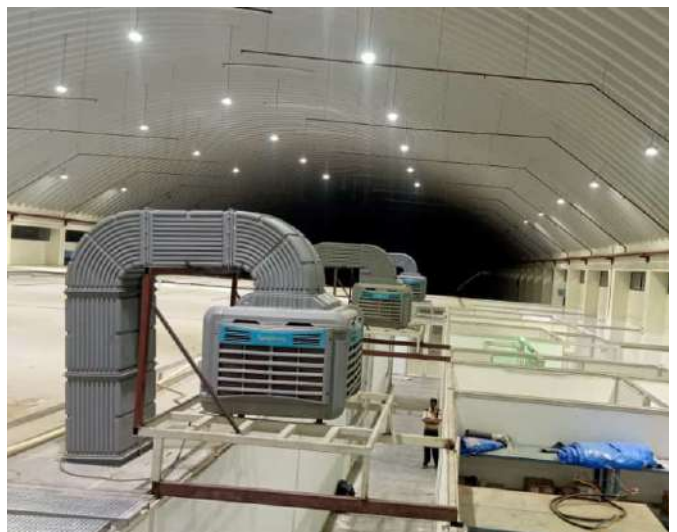
Bottom air outlet



Air nozzle



INSTALLATIONS



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.

OUR GLOBAL CUSTOMERS



OUR GLOBAL COMPANIES



Symphony Limited
India
symphonylimited.com



GSK Air Coolers Co. Ltd.
China
keruilai.com



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



Bonaire USA
USA
bonaire-usa.com



Climate Technologies Pty Ltd.
Australia
climatetechnologies.com.au



Symphony Climatizadores
Brazil
symphonyclimatizadores.com.br

TECHNICAL SPECIFICATIONS



Parameter	Venti-Cool 8U	Venti-Cool 10U	Venti-Cool 20U	Venti-Cool 25U	Movicool XXL
Discharge	Bottom / Side	Bottom / Side	Top / Down	Top / Down	Top
Nominal air delivery (cmh)	8000	10000	20000	25000	20000
Cooling area (sq.ft.)	up to 500	up to 700	up to 1200	up to 1600	up to 1500
Net weight (kg)	54	57	53	69	78
Operating weight (kg)	70	73	115 / 89	131 / 105	140
Input power supply (V/Hz/Ph)	230/50/1	230/50/1	230/50/1	415/50/3	230/50/1
Motor power (kw)	0.370	0.450	1.1	1.5	1.1
Outside dimensions (LxBxH in mm)	1000 x 940 x 800	1000 x 940 x 950	1140 x 1140 x 850	1140 x 1140 x 1130	1140 x 1140 x 1770
Air outlet dimensions (HxW in mm)	450 x 450	500 x 500	670 x 670	670 x 670	645 x 440
Body material	UV Stabilized Engineering Plastic	UV Stabilized Engineering Plastic	UV Stabilized Engineering Plastic	UV Stabilized Engineering Plastic	UV Stabilized Engineering Plastic
Tank capacity (ltr.)	23	31	70 / 40	70 / 40	70
Air moving device	Fan	Fan	Fan	Fan	Fan
Fan diameter (mm)	425	425	620	620	620
Cooling media	Honeycomb pads	Honeycomb pads	Honeycomb pads	Honeycomb pads	Honeycomb pads
Pad thickness (mm)	60	60	100	100	100
Cooling surface area of pad (sq.mtr.)	1.13	1.45	1.6	2.6	1.6
Minimum cooling efficiency (%)	75	75	80	80	80
Number of speeds (nos.)	2	2	1	1	1
Duct length (ft.)	up to 30	up to 40	up to 60	up to 80	—
Air outlets grills (nos.) (250mm X 250mm)	up to 5	up to 6	up to 12	up to 16	—
Container quantity (40HQ)	108 (SKD)	90 (SKD)	60 (SKD)	54 (SKD)	48 (SKD)

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


Symphony[®]

Thinking of Tomorrow

WORLD LEADER IN AIR COOLING

Responsibly cooling the world
since 1939



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**MILLION+
INSTALLATIONS**



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