

MADE IN INDIA  
MADE FOR THE WORLD



www.symphonylimited.com



# Introducing World's First UNIVERSAL AIR COOLER

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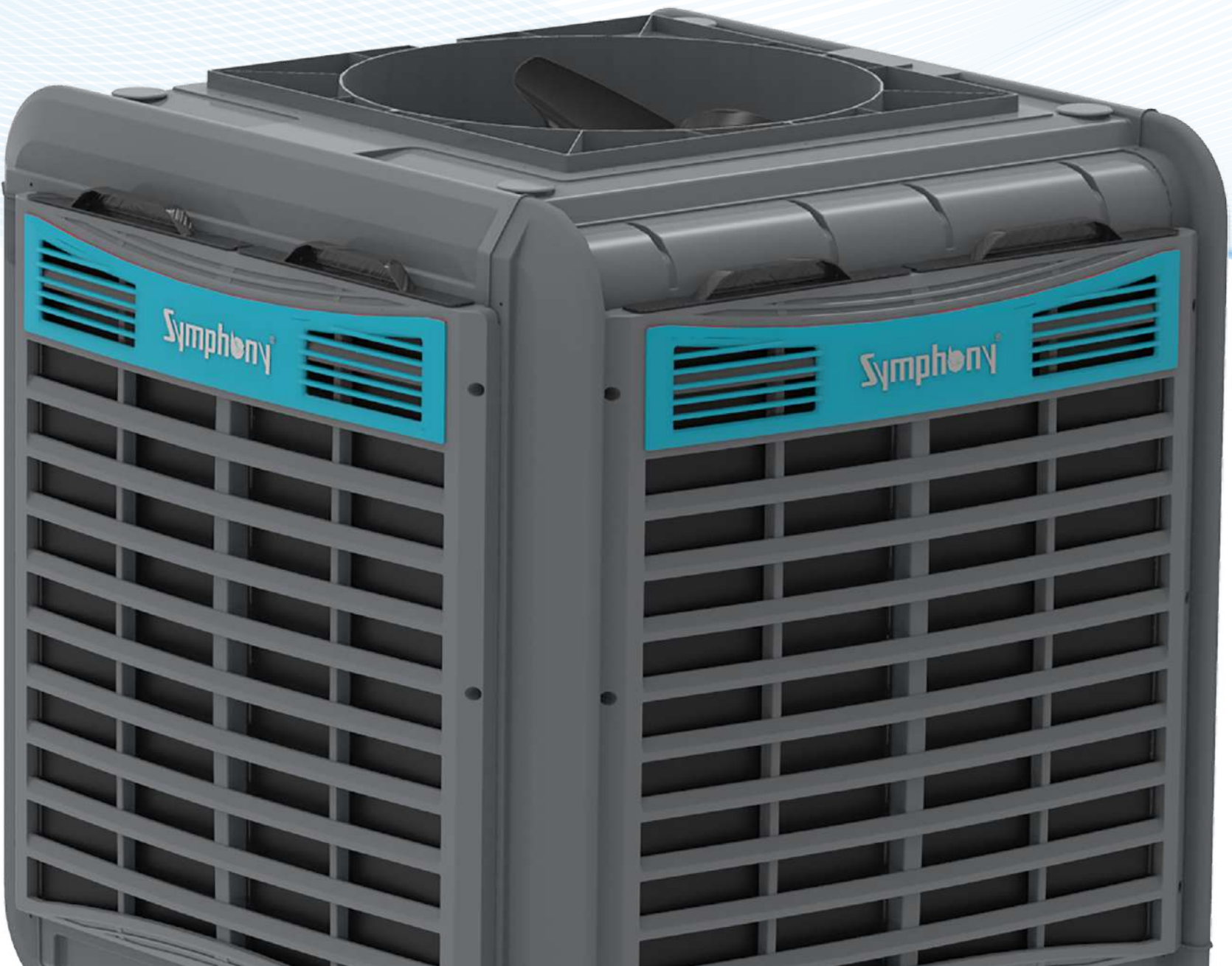


WORLD LEADER IN AIR COOLING

Cooling The World Since 1939

Symphony Limited, FP12-TP50 Bodakdev, Off SG Highway, Ahmedabad - 380054, India.  
Email: industrial@symphonylimited.com Website: www.symphonylimited.com

Aug - 2019





World's First  
**UNIVERSAL PACKAGED AIR COOLER**  
FOR INDUSTRIAL & COMMERCIAL USAGE



Symphony Universal Air Coolers are uniquely designed to provide flexibility during installation. The product can be used for top or down discharge depending on the requirement. It takes few minutes to interchange from Top to Down discharge or vice versa.



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MADE FOR THE WORLD






**PAC 25U**  
Air delivery : 25000 CMH

  
World's first  
universal air cooler

  
+ Air Fan  
for more air delivery

  
Cool Flow Dispenser  
for better cooling

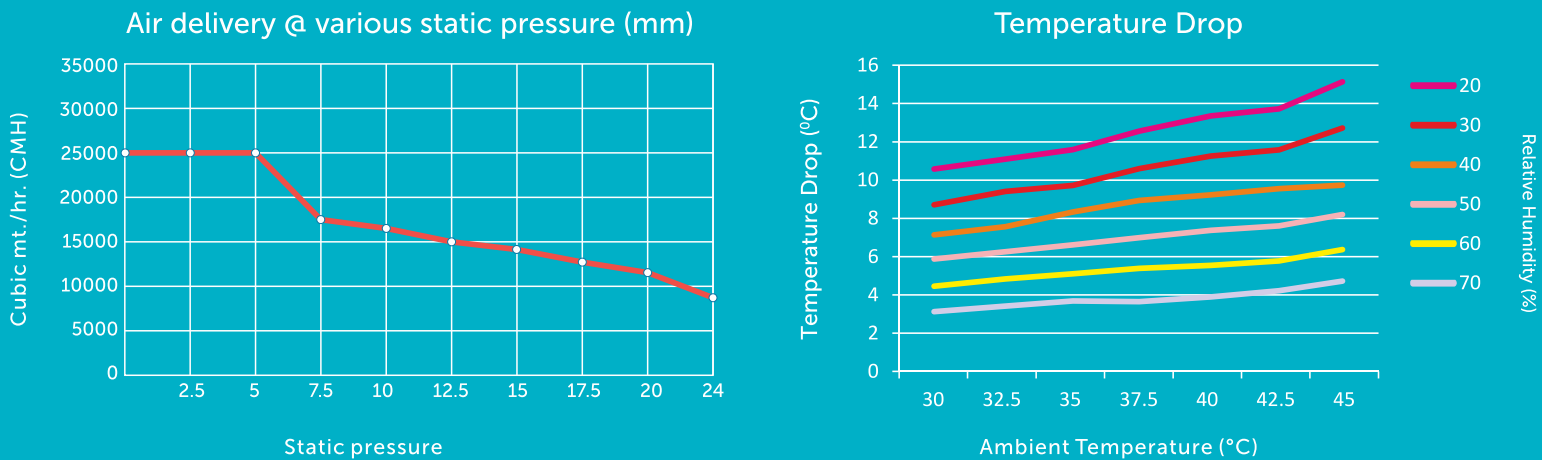
  
\*Pre-filter  
for fresh air

  
4-side high efficiency  
honeycomb pads

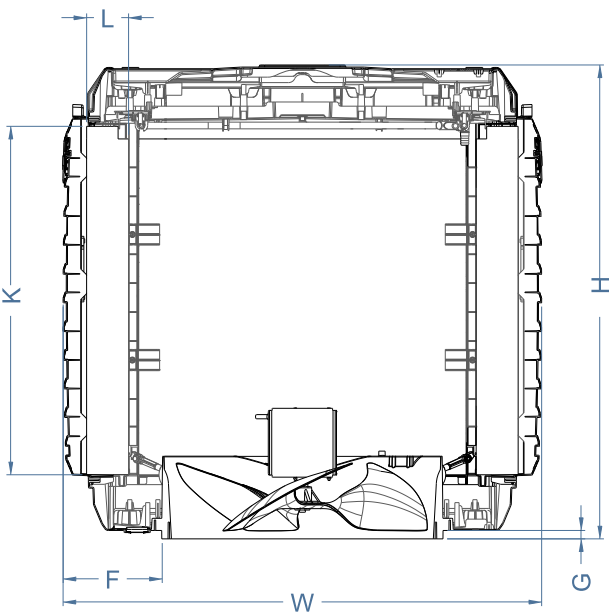
\*Optional



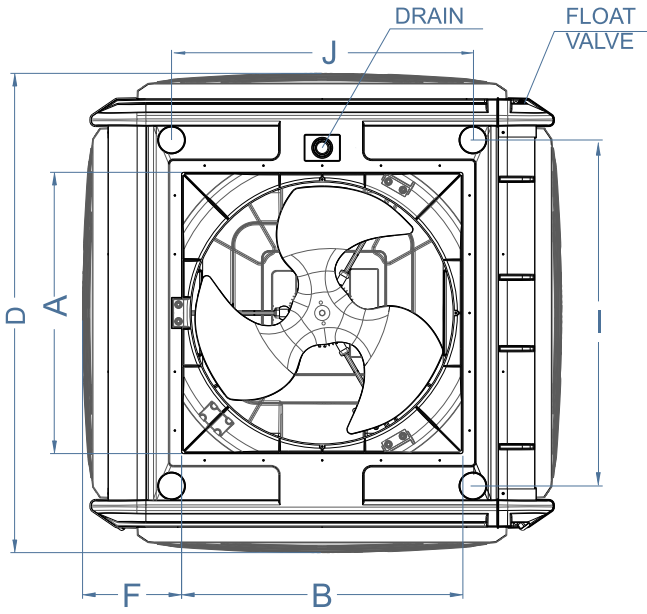
Performance Curves



| MODEL<br>PAC 25U | PRODUCT |      |      | MOUNTING |     | AIR OUTLET |     |     |    | FAN | MEDIA |     | FILTER |        |       |
|------------------|---------|------|------|----------|-----|------------|-----|-----|----|-----|-------|-----|--------|--------|-------|
|                  | W       | D    | H    | I        | J   | A          | B   | F   | G  | DIA | K     | L   | Width  | Height | Width |
| Dimensions (mm)  | 1140    | 1140 | 1130 | 825      | 720 | 670        | 670 | 235 | 20 | 609 | 830   | 100 | 780    | 850    | 370   |



SIDE VIEW



TOP / BOTTOM VIEW

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



# PAC 20U

Air delivery : 20000 CMH

- 

World's first universal air cooler
- 

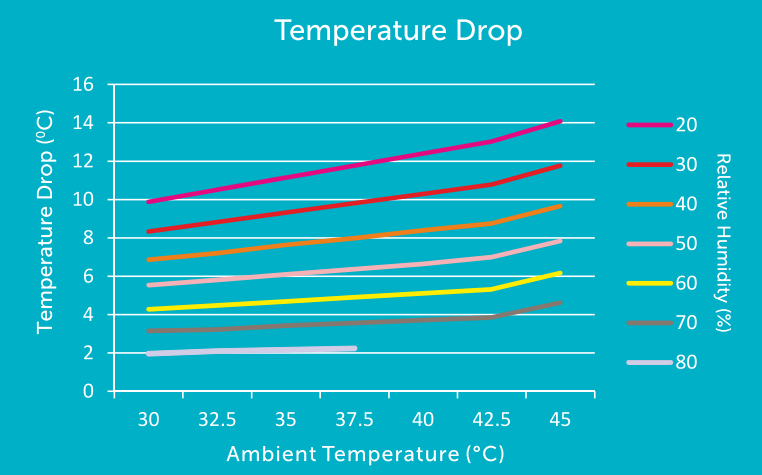
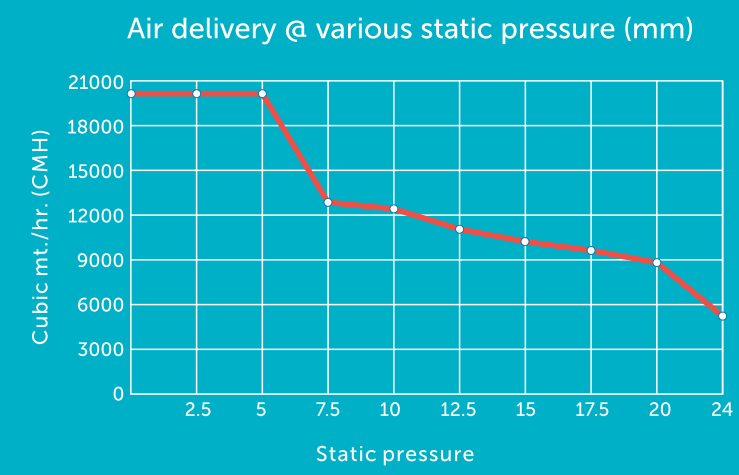
+ Air Fan for more air delivery
- 

Cool Flow Dispenser for better cooling
- 

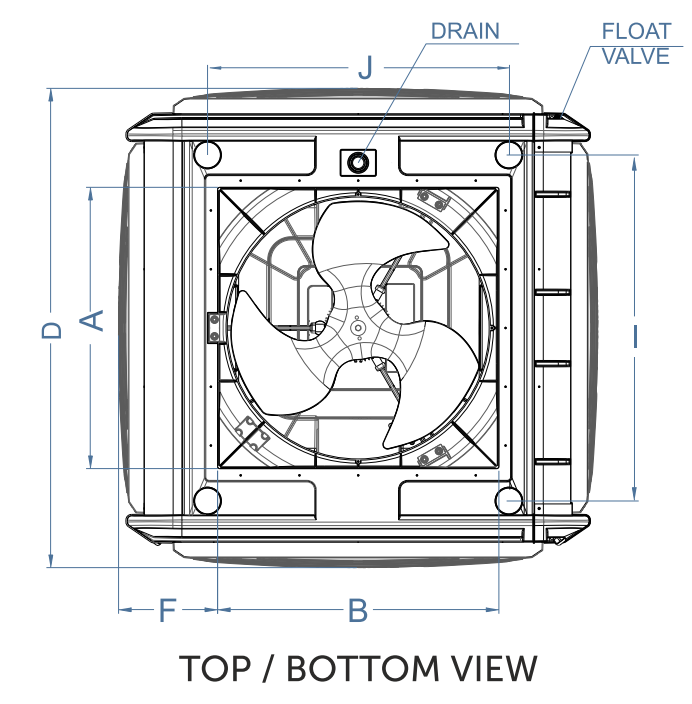
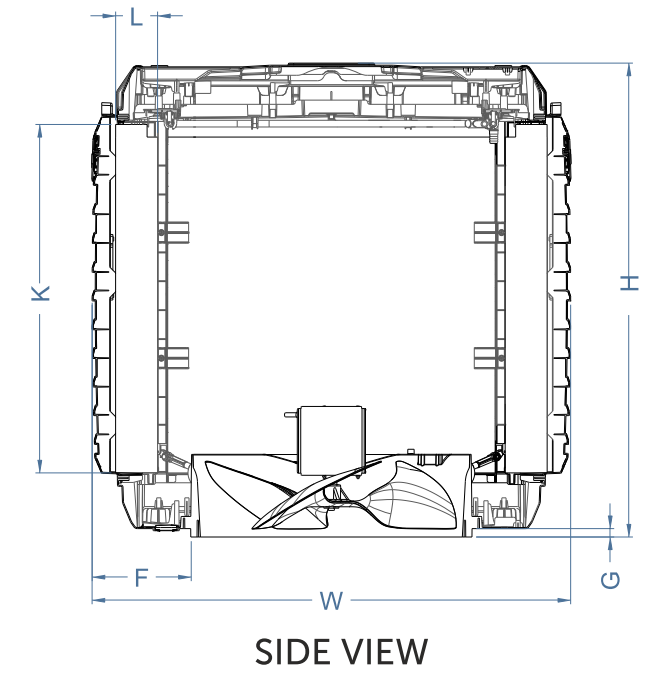
\*Pre-filter for fresh air
- 

4-side high efficiency honeycomb pads
- \*Optional

## Performance Curves



| MODEL<br>PAC 20U | PRODUCT |      |     | MOUNTING |     | AIR OUTLET |     |     |    | FAN | MEDIA |     | FILTER |        |       |
|------------------|---------|------|-----|----------|-----|------------|-----|-----|----|-----|-------|-----|--------|--------|-------|
|                  | W       | D    | H   | I        | J   | A          | B   | F   | G  | DIA | K     | L   | Width  | Height | Width |
| Dimensions (mm)  | 1140    | 1140 | 870 | 825      | 720 | 670        | 670 | 235 | 20 | 609 | 546   | 100 | 780    | 565    | 370   |



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



































TECHNICAL SPECIFICATIONS \*

| Parameters                  | Units   | PAC 25U                           | PAC 20U                           |
|-----------------------------|---------|-----------------------------------|-----------------------------------|
| Discharge                   |         | TOP / DOWN                        | TOP / DOWN                        |
| Nominal Air Delivery        | cmh     | 25000                             | 20000                             |
| Net weight                  | Kg      | 69                                | 53                                |
| Operating weight            | Kg      | 131 / 105                         | 115 / 89                          |
| Input power supply          | V-HZ-PH | 415V-50Hz-3PH                     | 230V-50Hz-1PH                     |
| Motor power                 | kw      | 1.5                               | 1.1                               |
| Outside Dimensions (WxDxH)  | mm      | 1140 x 1140 x 1130                | 1140 x 1140 x 870                 |
| Air outlet Dimensions (HxW) | mm      | 670 x 670                         | 670 x 670                         |
| Body material               |         | UV Stabilized Engineering Plastic | UV Stabilized Engineering Plastic |
| Tank Capacity               | liters  | 70/40                             | 70/40                             |
| Fan diameter                | mm      | 620                               | 620                               |
| Cooling media               |         | Honeycomb pads                    | Honeycomb pads                    |
| Pad thickness               | mm      | 100                               | 100                               |
| Cooling surface area of pad | sq.mtr  | 2.6                               | 1.6                               |
| Minimum cooling efficiency  | %       | 80                                | 80                                |
| No.of speeds                | nos     | Single                            | Single                            |
| Sound pressure level @1m    | dB(A)   | 72                                | 68                                |
| Container Qty.              | 40HQ    | 54 (SKD)                          | 60 (SKD)                          |

Note:- Must use suitably rated protective devices like Single phase preventer, Voltage stabilizer, Spike buster.  
\* Suitable water supply with TDS less than 400 ppm.  
\* Under test condition DB38°C/WB23°C  
\* Above specifications and external appearance are subject to change without prior notice, and, actual measurements may vary within +/-15% of specified values.

APPLICATIONS

|   |  |  |   |  |
|---|--|--|---|--|
|  Office        |  Lecture hall   |  Gym          |  Hostel        |  Panel room     |
|  Reception     |  Kitchen        |  Restaurant   |  Shop floor    |  Poultry farm   |
|  Lobby         |  Store          |  Banquet hall |  Assembly line |  Bottling plant |
|  Showroom      |  Laundry        |  Prayer hall  |  Testing lab   |  Class room     |
|  Canteen       |  Club           |  Hotel        |  Warehouse     |  |
|  Auditorium    |  Indoor stadium |  Hospital     |  Pump room     |  |
|  Movie theatre |  Textile        |  Pharma       |  Factory       |  |

and much more...



ADVANTAGES  
OF OUR CENTRAL  
EVAPORATIVE AIR COOLING  
SOLUTIONS ▶▶▶





# COOLING THE WORLD SINCE 1939

We've been making the world 'cooler' for the past 80 years. Our constant pursuit towards better cooling has resulted in the birth of technologically advanced air coolers. They have become instant best sellers owing to their customer centric, insightful and efficient designs.

**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 cooler in India.

**1993** Launched Kaizen - cooler that looks like an AC.

**1994** Symphony went public.

**2001** Keruilai was founded in China.

**2009** Acquisition of IMPCO.

**2010** Introduced Central Air Cooling solutions + India's largest commercial air cooling project.

**2012** Introduced Intelligent Cooler range + Introduced Storm - world's largest tower cooler + Government recognition for R&D center.

**2015** Acquisition of Keruilai + Market value of Symphony crossed 11,000 crores

**2016** Introduced Cloud - world's first wall mounted air cooler + introduced i-Pure range + Awarded India's most trusted air cooler brand.

**2017** Introduced Touch - world's first air coolers with touchscreen and voice assist.

**2018** Symphony's acquisition of Climate Technologies-Australia & Bonaire-USA

**2019** Symphony introduces commercial air cooler range & World first Universal Air Cooler

## OUR GLOBAL COMPANIES



Symphony Limited  
**India**



IMPCO  
**Mexico**



Symphony Keruilai  
**China**



Climate Technologies  
**Australia**



Bonaire  
**USA**