

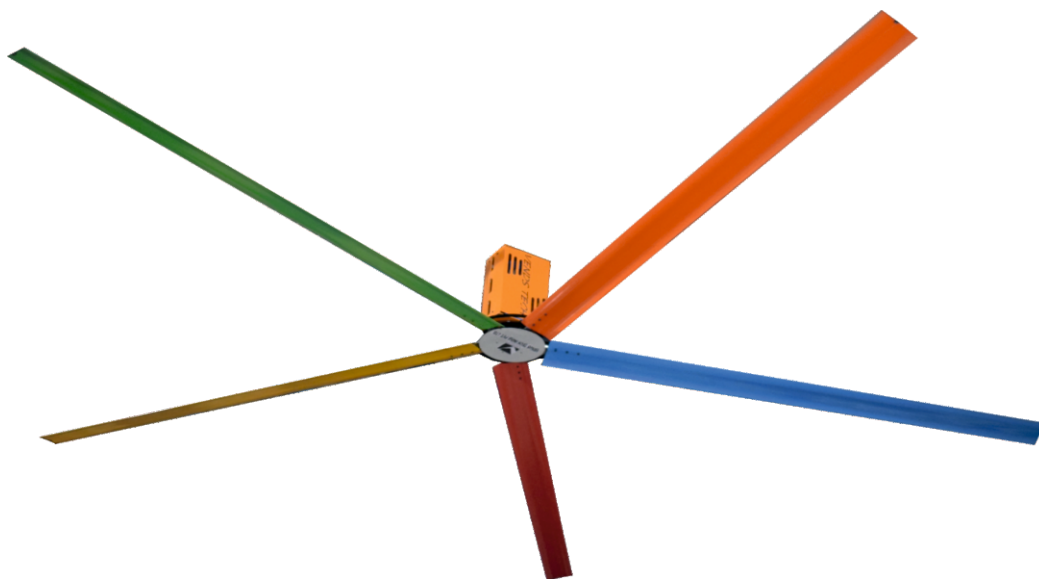


**VENDS**  
TECH-INDIA  
BUILD RELATIONSHIP

**VENDS TECH INDIA PVT. LTD.**



# INDUCTION HVLS FAN



## BENEFITS OF HVLS CEILING FANS:

- Require lower cost for investment, installation and maintenance than traditional cooling methods. Cut energy consumption for heating.
- Provide eco-friendly and economic solutions.
- Assist in the removal of contaminant and heat.
- Help reduce condensation on floors and equipment's.
- Work coordinated with high velocity fans and other air conditioning systems.
- Offer multi-fan control and adjustable fan speed.

| Order Code    | Fan Diameter Ø (m) |         | Maximum Speed (RPM) | Motor Power (KW) | Maximum Speed P. Consumption (KWH) | Airflow (m <sup>3</sup> /m) | Coverage Area (sqft <sup>2</sup> ) | Coverage Diameter R (ft) | Weight (kg) |
|---------------|--------------------|---------|---------------------|------------------|------------------------------------|-----------------------------|------------------------------------|--------------------------|-------------|
| VENDSTECH R8  | 8ft                | (2.44m) | 110                 | 0.55             | 0.3                                | 170000                      | 1500                               | 40                       | 88          |
| VENDSTECH R10 | 10ft               | (3.05m) | 105                 | 0.55             | 0.4                                | 190000                      | 2000                               | 45                       | 93          |
| VENDSTECH R12 | 12ft               | (3.66m) | 95                  | 0.75             | 0.5                                | 210000                      | 3000                               | 55                       | 98          |
| VENDSTECH R14 | 14ft               | (4.27m) | 90                  | 0.75             | 0.6                                | 250000                      | 4000                               | 64                       | 110         |
| VENDSTECH R16 | 16ft               | (4.88m) | 80                  | 1.1              | 0.7                                | 270000                      | 5000                               | 70                       | 112         |
| VENDSTECH R18 | 18ft               | (5.49m) | 70                  | 1.1              | 0.9                                | 290000                      | 6000                               | 78                       | 126         |
| VENDSTECH R20 | 20ft               | (6.10m) | 65                  | 1.5              | 1.1                                | 310000                      | 7500                               | 85                       | 130         |
| VENDSTECH R22 | 22ft               | (6.71m) | 62                  | 1.5              | 1.2                                | 340000                      | 8500                               | 90                       | 133         |
| VENDSTECH R24 | 24ft               | (7.32m) | 62                  | 2.0              | 1.6                                | 470000                      | 11000                              | 105                      | 137         |
| VENDSTECH R24 | 24ft               | (7.32m) | 52                  | 1.5              | 1.3                                | 360000                      | 9000                               | 95                       | 120         |



## Features & Advantages of PMSM Motor

- PMSM - (Permanent Magnet Synchronous Motor), Brushless Motor with High Torque at low RPM.
- One of the World's Most Energy Efficient Motors - 30% Lower Power Consumption, compared to normal HVLS Fans.
- High pole Motor-66 poles & 6 pole winding specially designed for HVLS fan application.
- 5 Blade 6061T6 Aluminium Alloy blades - High Strength & Durability.
- Exceptionally Low Maintenance service interval>1,00,000 Hours, with 24x7 operation continuously at full speed.
- 0% Derating of the fan performance over the life of the fan.
- Primary And Secondary Safety Features for Anti Fall Protection for all components of the Fan.

## PMSM Motor Technical Specifications

| Order Code    | Fan Diameter $\varnothing$ (m) |         | Maximum Speed (RPM) | Motor Power (KW) | Maximum Speed P. Consumption (KWH) |
|---------------|--------------------------------|---------|---------------------|------------------|------------------------------------|
| VENDSTECH R8  | 8ft                            | (2.44m) | 115                 | 0.55             | 0.3                                |
| VENDSTECH R10 | 10ft                           | (3.05m) | 110                 | 0.55             | 0.4                                |
| VENDSTECH R12 | 12ft                           | (3.66m) | 100                 | 0.75             | 0.5                                |
| VENDSTECH R14 | 14ft                           | (4.27m) | 95                  | 0.75             | 0.6                                |
| VENDSTECH R16 | 16ft                           | (4.88m) | 85                  | 1.1              | 0.7                                |
| VENDSTECH R18 | 18ft                           | (5.49m) | 75                  | 1.1              | 0.8                                |
| VENDSTECH R20 | 20ft                           | (6.10m) | 70                  | 1.1              | 0.8                                |
| VENDSTECH R22 | 22ft                           | (6.71m) | 60                  | 1.5              | 1.3                                |
| VENDSTECH R24 | 24ft                           | (7.32m) | 55                  | 1.5              | 1.3                                |





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# VENDS TECH COMPRESSORS

## VENDS TECH SERIES 5HP - 300 HP

PRESSURE 7 / 8 / 10



**AC CD-  
TANK MOUNTED WITH  
DRYER COMPRESSOR**



**SM-  
FIX SPEED AIR  
COMPRESSOR**



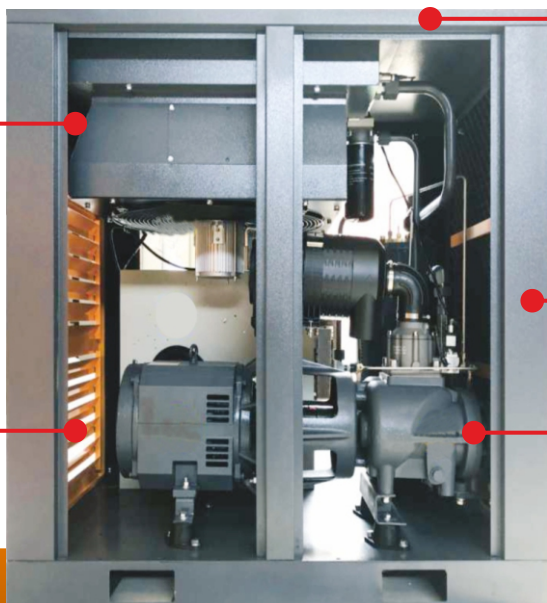
**SM-  
HIGH PRESSURE**



**ASN-  
TWO STAGE  
COMPRESSOR**

**Robust Cooling  
System**  
Reduced air outlet  
temperature

**Highly Efficient  
Motor**  
Energy cost savings



**High Volumetric  
Efficiency**  
Low energy cost per cfm

**Enclosure Designed  
to Industrial  
Standards**

Silent, aesthetic package

**Superior Technology  
Airend**  
Gearless and reduced sound



### AIR DRYER

**Capacity:**  
20cfm - 300 cfm

**Working Pressure:**  
7kg-12 Kg



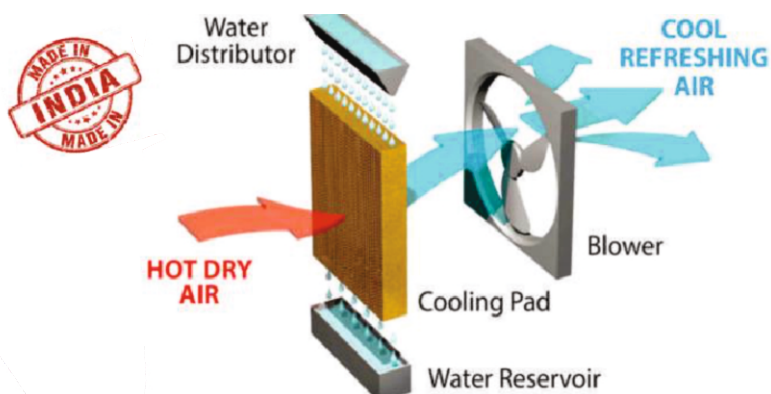
### RECEIVERS

**Capacity:**  
0.5m<sup>3</sup> - 5m<sup>3</sup>

**Working Pressure:**  
7-10.5 Kg/Cm<sup>2</sup>



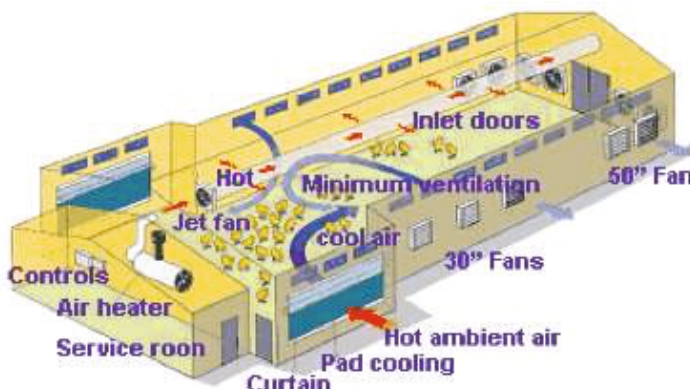




## FEATURES AND BENEFITS

- Cooling up to 20°C degree.
- Munters make Celdek pads, for improved cooling efficiency.
- Dust protection mesh - Cool, filtered fresh air Energy savings up to 80%.
- Sturdy & Robust - Body made from automotive
- Grade UV protected poly propylene.
- Environment friendly and cost effective.
- Ease of operations and low maintenance cost.

| MODEL NO.             | VTC - 18               | VTC - 22               | VTC - 30               |
|-----------------------|------------------------|------------------------|------------------------|
| Airflow(m3/h)         | 18000CMH               | 22000CMH               | 30000CMH               |
| Cooling Area (sq.ft.) | 2000sq.ft              | 2500sq.ft              | 3000sq.ft              |
| Motor (V/Hz)          | 415v/50Hz & 220v/50Hz  | 415v/50Hz & 220v/50Hz  | 415v/50Hz              |
| Power(KW)             | 1.1 kw                 | 1.5 kw                 | 3 kw                   |
| Fan type              | Axial (3 Blade)        | Axial (4 Blade)        | Axial (4 Blade)        |
| Water Tank (Ltr)      | 35                     | 35                     | 45                     |
| Noise (dB)            | <75                    | <75                    | <79                    |
| Weight (kg)           | 77                     | 68                     | 90                     |
| Air Outlet Size (mm)  | 670 x 670              | 670 x 670              | 800 x 800              |
| Dimension (LxWxH)     | 1540 x 1111 x 1700(mm) | 1100 x 1100 x 1011(mm) | 1300 x 1300 x 1180(mm) |



## FEATURES AND BENEFITS:

- Designed for extremely low power consumption.
- Higher air flow, with low noise & variable speed.
- Stainless steel blades & G.I. cabbinate for long life.
- Low maintenance cost.

| Model No.                  | VTEX-800    | VTEX-1000     | VTEX-1500     |
|----------------------------|-------------|---------------|---------------|
| Airflow(m <sup>3</sup> /h) | 28000CMH    | 32000CMH      | 44500CMH      |
| Voltage                    | 415v/50Hz   | 415v/50Hz     | 415v/50Hz     |
| Blade Dia (Inch)           | 32 Inch     | 38 Inch       | 50 Inch       |
| Power(KW)                  | 0.33 kw     | 0.55 kw       | 1.1 kw        |
| Speed(RPM)                 | 780         | 640           | 540           |
| Weight(kg)                 | 32          | 50            | 72            |
| Wall Cut size (mm)         | 805*805*555 | 1065x1065x555 | 1460x1460x585 |
| Dimension LxWxH            | 800*800*550 | 1060x1060x550 | 1460x1460x580 |

## HEAVY DUTY AXIAL FAN:

| Model No.                  | VTEX-600  | VTEX-700  | VTEX-900  |
|----------------------------|-----------|-----------|-----------|
| Airflow(m <sup>3</sup> /h) | 28000CMH  | 32000CMH  | 44500CMH  |
| Voltage                    | 415v/50Hz | 415v/50Hz | 415v/50Hz |
| Blade Dia (Inch)           | 32 Inch   | 38 Inch   | 50 Inch   |
| Power(KW)                  | 0.75 kw   | 1.1 kw    | 1.5 kw    |
| Speed(RPM)                 | 780       | 640       | 540       |
| Weight(kg)                 | 32        | 50        | 72        |
| Dimension LxWxH            | 600mm     | 700mm     | 900mm     |



We would like to introduce our company Vends Tech India Pvt Ltd. We have been an established and reputed company with an excellent manufacturing and services of all types of EOT cranes and material handling system.

## OUR PRODUCTS

- Electric wire rope hoist
- Trolleys/ crabs
- Single girder EOT cranes
- Double girder EOT cranes
- Single girder goliath cranes
- Double girder goliath cranes
- SD- Semi goliath cranes
- DG – Semi goliath cranes
- Jib cranes
- Monorail cranes
- Under slung cranes
- Transfer trolley

## SPECIAL FEATURES OF PRODUCT:

- Easy to maintenance: Separate sub assembly such as gear box, high torque motor and rope drum facilitates easy maintenance of electric hoist
- Plate welded box girders with wide flange for stability and less deflection/vibrations
- Squirrel cage crane duty motors in international frame size of S4 duty, class B/F insulation confirming to IS : 325 frequent start/ stop operation
- Double grooved rope drum ( LH/RH) for straight lifting for all height
- Rotary and gravity limit switches for hoist which eliminates generally used traveling rope guide operated limit switch which is susceptible for breakdown
- Direct axle mounted geared brake motor for long drive.
- Micro speed arrangement thru VFD drive precision loading
- Fail safe DCEM disk brake of German design/equivalent for all motion
- Maintenance platform for regular servicing of electric hoist and LT drive.
- Option for electro hydraulic brake for hoist and long travel motion
- Option for custom hoist with high hoisting and travel speed for special requirement and high lift



Product name - Double girder crane  
Product range - 250 kg to 50 Ton  
HOL - 4 Mtr to 30 Mtr



Product name - Transfer trolley  
1 Ton to 3 Ton



Product name - Under slung crane  
Product range - 125 kg to 10 Ton



Product name - Goliath crane  
( Single girder/ Double girder)  
Product range - 500 kg to 10 Ton / 1Ton to 50 Ton  
HOL - 4 Mtr to 30 Mtr



Product name - Modular trolley / crab  
Product range - 1 Ton to 50 Ton  
HOL - 4 Mtr to 50 Mtr



Product name - Conical wire rope hoist  
Product range - 1 Ton to 10 Ton  
HOL - 4 Mtr to 10 Mtr





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BUILD RELATIONSHIP

## OUR PRESENCE



### VENDS TECH INDIA

#### Head Office :

Plot No. 249, Sector 07, PCNTD, Bhosari MIDC,  
Bhosari, Pune, MH - 411026.

#### Corporate Office

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Chikhali, Pune, MH - 412101.

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[www.vendsindia.com](http://www.vendsindia.com)