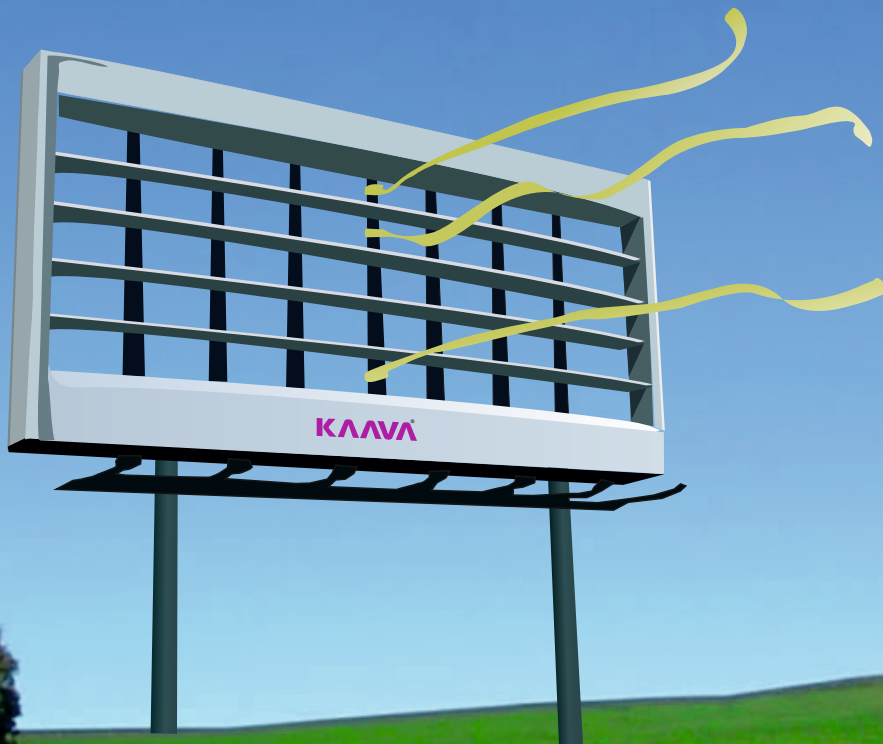


Welcome to a New World of Comfort



Hybrid
Specialized Cooling



Residential
Centralized Cooling



Commercial
Spot Cooling



Industrial
Volume Cooling

Cooling Solution For Every Need

HIDAC Range **7G**

Specialized Applications

Model:- HYBRID-2K

Cool Airflow - 2000 CMH



- High Efficiency: COP > 30
- 0% Moisture Addition
- Maximum Cooling Efficiency
- Intelligent Control
- Group Control
- Easy Maintenance
- Environment Friendly

DAC Range - Hypercool **5G**

Multipurpose Premium Application

Model:- TORNADO - 20K

Cool Airflow - 20000 CMH



Available in Top & Down Discharge

- Est. cooling Area upto 2000 Sq. ft.
- Advance Detachable Pre Air Filters
- Group Control
- Easy Maintenance
- Environment Friendly

DAC Range - Supercool **4G**

Multipurpose Application

Model:- TURBO-25K

Cool Airflow - 25000 CMH



Down/Top/Side Discharge

- Est. cooling Area Upto 2500 Sq. ft.
- Error Code Display
- Consume Power as per the selected fan speed
- Compact & Sturdy Design
- LCD Remote panel & IR Remote
- Easy Maintenance

DAC Range - Supercool **4G**

Multipurpose Application

Model:- CYCLONE-16K

Cool Airflow - 16000 CMH



- Est. cooling Area Upto 1500 Sq. ft.
- Consume Power as per the selected fan speed
- Compact & Sturdy Design
- LCD Remote panel & IR Remote
- Easy Maintenance
- Environment Friendly

DAC Range - Supercool **4G**

Multipurpose Application

Model:- TORPEDO-10K

Cool Airflow - 10000 CMH



Available in 3D Side Discharge

- Est. Cooling Area Upto 1000 Sq. ft.
- Auto Scan fault diagnosis
- Three Speed with IR Remote & LCD panel
- Most Compact Design
- Easy Maintenance
- Environment Friendly

DAC Range - Ecocool **3G**

Industrial/Commercial Application

Model:- THUNDER-18K

Cooling Capacity 135000BTU (CMH 18000)



Down & Top Discharge

- Est. Cooling Area Upto 1500 Sq. ft.
- Auto Clean
- Three Phase Motor with 16 Hrs Operation
- Most Compact Design
- Easy Maintenance
- Environment Friendly

Model:- HURRICANE 35 & 50K

Cool Airflow - 35000 & 50000 CMH



Available in 3D Side Discharge

- Est. Cooling Area Upto 3000 & 5000 sq. ft.
- Heavy Duty Cu. Motor for 24 Hrs. Nonstop performance.
- Easy Maintenance
- Environment Friendly
- Variants Available Upto 100000 CMH

Model:- WOW - 12K

Cool Airflow - 12000 CMH



Cool Area upto 1200 Sq. ft
Genuine 12000 CMH Airflow,
Touch Panel Control.
Remote Control.
Large 80 Ltr. Tank Capacity.
Powerful Air throw.

Model:- WOW - 18K

Cool Airflow - 18000 CMH



Cool Area upto 1800 Sq. ft
Genuine 18000 CMH Airflow,
Touch Panel Controls
LED Display
Remote Control
Large 3D Pad Area.
Jumbo 150 Ltr. Tank Capacity.

Why choose evaporative cooling over refrigerant based cooling ?

With electricity bills ever soaring high upwards and our summers getting hotter, evaporative cooling has a significant & better edge on refrigerated reverse cycle.

When it comes to Natural living, energy efficiency, High performance in comfort cooling, Kaava is the automatic choice with Its advance evaporative cooling system, providing super savings & superb cooling !

The Kaava Air cooling plant will lower the room temperature, but the maximum cooling effect is felt when the person is in direct contact or in path of the air flowing from the plant.

The evaporative cooling is ideal for all those places or open spaces where people congregate & it is not practical & economical to install refrigerated air conditioning. It is the best solution for those places where enclosed surroundings are not possible.

One should not expect similar cooling & must not compare evaporative cooling with refrigerated cooling, as both are different technologies. Evaporative cooling is Natural cooling where as Refg. Cooling is recycling of air in a given space. However evaporative cooling scores over refrigerated cooling in low capital cost, low running cost, low maintenance cost, zero corrosion, zero health disorders and a fresh environment.

Cools your entire home/work place at less than 10-15% cost of running a refrigerated air conditioning.

It is a source of fresh & healthy oxygen air in an enclosed work place. No recycling of stale & unhygienic air like refrigerated air conditioning.

Does not dry air or irritate your skin, throat or ears.

A giant step forward to STOP Global Warming & Climate Change.

**Huge Power Savings - Reduces OPEX Cost Up to 90%,
Every Day, Every Month & Year After Year.**

Suppose to Cool An Area of 1500 sq.ft When Outside Temperatures is 40°C,
Relative Humidity is 20-30% and Temperature Required 24°-27°C.

Requirement	Kaava Cooling Plant	Any Air Conditioners
Cooling Area	1500 sq.ft	1500 sq.ft
Cooling Capacity Required	16000 CMH	1,50,000 BTU
Units Required	1 pc	min. 7 pcs of 2 ton
Power Consumption(PC) / Hr	750 W (0.75 KW)	14,000 W (14 KW) Appx
Product Cost	Approx 1,00,000/-	Approx 2,80,000
Electricity Bill 1 month 12 hrs x 30 Days x 8 Rs. x PC (KW)	Rs. 2160/-	Rs. 40,320/-
Total Saving in a year (8 Months)	Rs. 3,05,280/-	Rs. Zero

Cools upto **1500** sq.ft of area at just **₹5** an hour.

HiDAC & DAC Range - Technical Specifications

	Range Type	HIDAC	Hypercool	SuperCool			Ecocool	MegaCool	
	Technology	IDAC	DAC	DAC			DAC	DAC	
	Points / Models	HYBRID 2K-3D	TORNADO 20K-4D/4T	TURBO25K - 3D/4D/4T	CYCLONE 16K-3D	TORPIDO 10K-3D	THUNDER 18K - 4D/4T	HURRICANE 35K-3D/4T	HURRICANE 50K-3D/4T
Technical Data	Air Discharge Type	Side	Down/Top	Side/Down/Top	Side	Side	Down/Top	Side/Top	Side/Top
	Air Capacity CMH(M3/h)	2000	20000	25000	16000	10000	18000	35000	50000
	Air Capacity CFM (FT3/Min)	1178	11779	14723	9423	5889	11250	21875	31250
	Cooling Capacity BTU/Hr	34120	186600	200000	128000	70000	167940	329000	470000
	Tonnage of Air Cooling (Ton)	3	16	17	11	6	14	27	39
	Static Air pressure (PA)	30	163	220	160	100	200	280	500
	Cooling area coverage upto (sq.ft.)	400	2000	2500	600-1500	500-1000	1000-1500	2000-4000	3000-6000
	Air Flow in running Feet* upto	25 ft	150 ft	120 ft	80 ft	60 ft	90 ft	200 ft	300 ft
	Motor type	Copper Heavy Duty inverter	Cu HD DC Inverter Brushless	HD Copper Inverter	HD Copper	HD Copper	Copper Heavy Duty	Copper Extreme Heavy Duty	Copper Extreme Heavy Duty
	Electricity Phase required	Single	Single	Single	Single	Single	Three	Three	Three
	Power Resource (V/hz)	220/50	220/50 n 60	220/50	220/50	220/50	380/50	380/50	380/50
	Power (Watt)	370	300-1500	300-1500	200-750	480	1500	6500	13000
	Rated Current (Amp.)	1.7	5.6	7	4.6	3	6	11.6.	28.0.
	Fan Speeds	10	10	50	10	3	1	1	1
	Fan /Blower Type	Centrifugal	Centrifugal	AXIAL	AXIAL	AXIAL	AXIAL	Centrifugal	Centrifugal
	Fan /Blower Size (mm)	Ø355*158	Ø770*620	600	500	600	600	Ø700*695	Ø800*655
	Fan/Blower Material	Aluminium	ABS Plastic	Nylon	Nylon	Aluminium	Aluminium	AL/GI	AL/GI
	Blower Casing Material (Volute)	HIG Plastic	HIG Plastic	NA	NA	NA	NA	HIG Plastic	HIG Plastic
	Noise (db)	25-67	25 - 65	40-73	35-72	45-65	<79	≤78	≤85
	Water Consumption (Lt/Hr) approx	8	15	20	20	25	30	40	50
	IR Remote Control	YES	YES	YES	YES	YES	Optional	NA	NA
	Remote Panel Type	LCD panel	LCD panel	LCD panel	LCD panel	LCD panel	Manual Switch	Manual Switch	Manual Switch
	Grill openings - Qty (Max.)*	2	12	8	5	3	4	15	25
	Ducting Length Compatible (Mtr*)	10	35	30	20	10	20	40	70
Group Control	NA	Optional	NA	Optional	NA	NA	NA	NA	
Dimensions	Pad Size (HxWxD)	806x506x1004	620x830x100	990 X 770 X 100	630x738x100	S700X355x75 B700X770X75	700x770x100	1210*600*150	1555*865*120
	Water tank (ltr)	NR	35	25	30	20	25	66	100
	Net weight (kg) Top/Down/Side	150	77	77	55	48	69	350	900
	Operation weight (kg)	160	107	120	85	68	103	416	1000
	Air outlet Vent size (inch)	20x6	26x26	26x26/27x27	21.5x21.5	28x27.5	27x27	27.5x25.5	40x34
	Iron Stand size(in to in)WxD (inch)	34.5x32.5	42.5x42.5	38x38	39.5x39.5	38x21.5	38x38/42x42	73x61	83x83
	Dimension WxDxH (mm) 3D/4D	820X895X1570	1150x1150x950	1080x1080x1380	1030x1120x883	1080X630X935	1080x1080x980	1847x1547x1560	2085x2105x1860
warranty	Warranty (expads)	1 year	1 year	1 year	1 year	1 year	1 year	1 year	1 year
	Shell/Body Warranty	5 years	10 years	5 years	5 years	5 years	5 years	10 years	10 years

* Depends upon location & ambience.

Above all Technical data is derived under specific lab test as per Test Standards. They may vary from place to place upon different situations.

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* Technical specifications are subject to change due to continuous upgradation without any notice. Products images shown in catalogues are illustrative only

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