

Sakura Air Conditioner User-friendly, Earth-friendly



HBK-25



HBK-80Y



HA-68



HBK-68Y



HBK-15BSY



HBK-18-23DS / B



HBK-18-23AS / B



HBK-18-23BS / B



HBK-25ALX



HBK-25BLX

Non CO2 discharge is the best feature of the unit being of Conventional Cooling system and still have high demand in those countries of Hot & Dry climate.

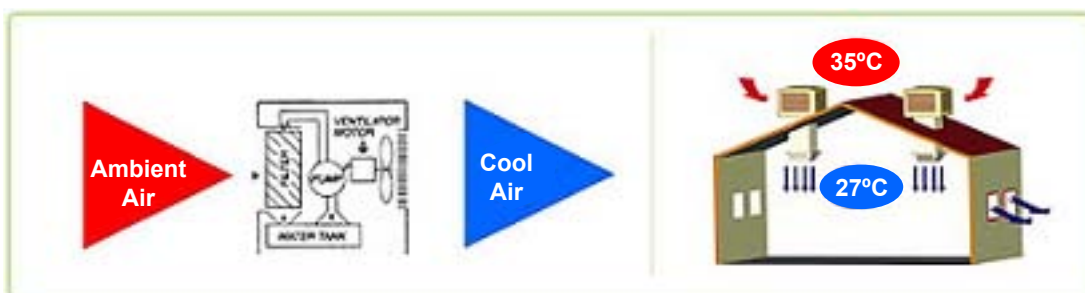
Sakura Evaporative Air Cooler effectively cool the air by simply combining a natural process - Water Evaporation. Fresh outside air is filtered through the saturated evaporative media to cool down and blown out by a blower wheel.

Water coming from bottom pan of the unit is pumped up to top of unit then flow down freely over Evaporation Cooling Pads. Powerful blower pulls the air through the pads forcing the water to evaporate to cool down the ambient temperature. The cooled down air is blown to desired direction with high velocity.

Product range is much wider to cover Commercial use in Workshop, Factory, Warehouse, Sporting Event site, Greenhouse, Shopping areas and so on, as well as Residential use and further down to Portable type for handy and temporary use. Higher performance and lower operation cost is the strongest selling point of the unit.



Sakura Evaporative Air Cooler effectively cool the air by simply combining a natural process - Water Evaporation. Fresh outside air is filtered through the saturated evaporative media to cool down and blown out by a blower wheel. Water coming from bottom pan of the unit is pumped up top of unit then flow down Evaporation Cooling Pads. Powerful blower pulls air through the pads, forcing the water to evaporate to cool down the ambient temperature. The cooled down air is blown to desired direction with high velocity.



Sakura Evaporative Air Coolers are ideal for larger open areas. Cool large areas such as warehouses, sidelines at sporting events, greenhouses, shop areas, assembly areas. Evaporative cooling systems offer a low-cost alternative to air conditioning. Easy to set up, they simply use an internal or external water source to provide cooling. Sakura evaporative coolers provide maximum effectiveness in drier climates.

Superiority of Evaporative Air Cooler vs. Traditional Refrigerant A/C

Traditional refrigerant A/C	Evaporative Cooling
As ambient temperature rises, energy consumption increases, efficiency decreases	As ambient temperature rises, energy consumption remains constant, efficiency increases
Can guarantee a fixed temperature	Temperature depends upon ambient conditions
Can only operate well in a closed environment	Needs to operate with ventilation, open environment
Recirculates approximately 80 - 85% internal stale air	Operates with 100% fresh air, no recirculation
Dehydrates the atmosphere within the working environment	Slightly increases humidity level in the working environment
Does not filter any air, leaves dust, minerals and bacteria in the air-stream.	Some filtration of air, removes dust, minerals and bacteria from the air-stream
High operating cost	Up to 80% cheaper to operate than traditional air conditioning

Great benefits from Sakura Evaporative Air Cooler

1. Up to 50% cheaper, to buy and install, than other cooling systems.
2. Up to 80% cheaper, to operate, than air conditioning.
3. Good for your health. Gentle on nose, eyes and skin
4. Minimize recirculation of air-borne germs
5. Kind to Allergy and Asthma sufferers
6. Good for indoor plants.
7. Circulates fresh clean air.

Installation on wall of the building



Installation on roof of the building



Indoor Air Diffuser - 1



Indoor Air Diffuser - 2



Model: HBK-25



Features :

- * Low electricity consumption
- * Durable aluminum sealed motor, high heat dissipation, low rising temperature;
- * 3-speed motor with high, medium, low wind;
- * Auto swing air grille;
- * Cover distance: more than 6 meters
- * LCD display screen with electronical control

Specifications :

Model	HBK-25
Fan airflow(m ³ /h)	2500
Output(W)	120
V/Hz	220/50
Fan Type	Centrifugal
Motor Type	Single-phase 3-speed
Dimension (mm)	600×340×1900
W×D×H	
Net Weight(kg)	43
Water Lack Protection	√
Applicable Area(m ²)	20-40
Noise(dBA)	≤52
Discharge type	Side discharge

Model: HA-68



Features :

- *Low electricity consumption;
- *Durable aluminum sealed motor, high heat dissipation, low rising temperature;
- * 3-speed motor with high, medium, low wind;
- *Auto swing air grille;
- *Cover distance: more than 10 meters

Specifications :

Model	HA68
Fan airflow(m ³ /h)	6500
Output(W)	150
V/Hz	220/50
Fan Type	Axial
Motor Type	Single-phase 3-speed
Dimension (mm)	1060×490×740
W×D×H	
Net Weight(kg)	48
Water Lack Protection	√
Applicable Area(m ²)	20-50
Noise(dBA)	≤55
Discharge type	Side discharge

Other Info.:

Stuffing Qty.: 130 units per 40HQ

Packaging: carton packing & wooder pallet.

Delivery time: 25-30 days

Model: HBK-68Y



Features :

- *Low electricity consumption;
- *Durable aluminum sealed motor, high heat dissipation, low rising temperature;
- * 3-speed motor with high, medium, low wind;
- *Auto swing air grille;
- *Cover distance: more than 10 meters

Specifications :

Model	HBK-68Y
Fan airflow(m ³ /h)	6800
Output(W)	180
V/Hz	220/50
Fan Type	Axial
Motor Type	Single-phase 3-speed
Dimension (mm)	1060×490×740
W×D×H	
Net Weight(kg)	51
Water Lack Protection	√
Applicable Area(m ²)	25-50
Noise(dBA)	≤55
Discharge type	Side discharge

Other Info.:

Stuffing Qty.: 132 units per 40HQ

Packaging: carton packing & wooder pallet.

Delivery time:25-30 days

Model: HBK-80Y



Features :

- *Low electricity consumption;
- *Durable aluminum sealed motor, high heat dissipation, low rising temperature;
- * 3-speed motor with high, medium, low wind;
- *Auto swing air grille;
- *Cover distance: more than 16 meters

Specifications :

Model	HBK-80Y
Fan airflow(m ³ /h)	8000
Output(W)	350
V/Hz	220/50
Fan Type	Centrifugal
Motor Type	Single-phase 3-speed
Dimension (mm)	840×490×1090
W×D×H	
Net Weight(kg)	45
Water Lack Protection	√
Applicable Area(m ²)	30-60
Noise(dBA)	≤65
Discharge type	Side discharge

Other Info.:

Stuffing Qty.: 120 units per 40HQ

Packaging: carton packing & wooder pallet.

Delivery time:25-30 days

Model: HA-88



Features :

- *Low electricity consumption;
- *Durable aluminum sealed motor, high heat dissipation, low rising temperature;
- * 3-speed motor with high, medium, low wind;
- *Auto swing air grille;
- *Cover distance: more than 12 meters

Specifications :

Model	HA88
Fan airflow(m ³ /h)	8800
Output(W)	200
V/Hz	220/50
Fan Type	Axial
Motor Type	Single-phase 3-speed
Dimension (mm)	1160×490×900
W×D×H	
Net Weight(kg)	70
Water Lack Protection	√
Applicable Area(m ²)	40-70
Noise(dBA)	≤65
Discharge type	Side discharge

Other Info.:

Stuffing Qty.: 110 units per 40HQ
 Packaging: carton packing & wooder pallet.
 Delivery time:25-30 days

Model: HBK-15BSY



Features :

- * Low electricity consumption;
- * Durable aluminum sealed motor, high heat dissipation, low rising temperature;
- * Mechanical control, easy for maintenance
- * Auto swing air grille;
- * Cover distance: more than 12 meters
- * Demountable rack, convenient for transportation

Specifications :

Model	HBK-15BSY
Fan airflow(m ³ /h)	15000
Output(W)	450
V/Hz	220/50
Fan Type	Axial
Motor Type	Single-phase 3-speed
Control	Standard
Dimension (mm)	1100×1125×950
W×D×H	1100×1125×1850(including the rack)
Net Weight(kg)	70,94(including the rack)
Water Lack Protection	√
Applicable Area(m ²)	80-100
Noise(dBA)	≤65
Discharge type	Side discharge

Other Info.:

Stuffing Qty.: 40 units per 40HQ

Packaging: carton packing & wooder pallet.

Delivery time: 25-30 days

Model: HBK-18BSY/BP



Features :

- * Inverter Model, much power saving
- * Low electricity consumption;
- * Durable aluminum sealed motor, high heat dissipation, low rising temperature;
- * Touch Screen control, 12 stage air volume adjustable
- * Auto swing air grille;
- * Cover distance: more than 12 meters
- * Demountable rack, convenient for transportation

Specifications :

Model	HBK-18BSY/BP
Fan airflow(m ³ /h)	18000
Output(W)	1100
V/Hz	220/50
Fan Type	Axial
Motor Type	Single-phase 12-speed
Control	Touch Screen
Dimension (mm)	1100×1125×950
W×D×H	1100×1125×1850(including the rack)
Net Weight(kg)	70,94(including the rack)
Water Lack Protection	√
Applicable Area(m ²)	90-130
Noise(dBA)	≤65
Discharge type	Side discharge

Other Info.:

Stuffing Qty.: 40 units per 40HQ

Packaging: carton packing & wooder pallet.

Delivery time: 25-30 days

Model:



HBK-18DS / B



HBK-18AS / B



HBK-18BS / B

Features :

- *Safe and reliable,over loaded protection
- *LCD display screen,micro computer control
- *Polypropylene cabinet, light, corrosion-resistant, UV-resistant
- *Large evaporative surface area with above 90% saturation efficiency
- *Auto clean
- *Low noise,below 65dB

Specifications:

Specification/Model	HBK-18DS / B	HBK-18AS / B	HBK-18BS / B
Fan airflow(m ³ /h)	18000	18000	18000
Pressure (pa)	150	150	150
Output(KW)	1.1	1.1	1.1
V/Hz	380/50	380/50	380/50
Fan Type	Axial	Axial	Axial
Motor Type	3-phase 1-speed	3-phase 1-speed	3-phase 1-speed
Noise (dBA)	≤70	≤70	≤70
Dimension (mm)	1100×1100×950	1100×1125×950	1100×1100×1040
Air Outlet Dimension	670×670	670×670	670×670
W×D×H			
Net Weight(kg)	65	70	70
Automated Cleaning	√	√	√
Water Lack Protection	√	√	√
Evaporated efficiency	90%	90%~93%	90%~93%
Controller type	LCD controller	LCD controller	LCD controller
Discharge type	Down discharge	Side discharge	Up Discharge
Cover Distance(m)	16	16	16

Other Info.:

Stuffing Qty.: 40 units per 40HQ

Packaging: carton packing & wooder pallet.

Delivery time:25-30 days

Model:



HBK-23 DS / B



HBK-23 AS / B



HBK-23 BS / B

Features :

- *Safe and reliable,over loaded protection
- *LCD display screen,micro computer control
- *Polypropylene cabinet, light, corrosion-resistant, UV-resistant
- *Large evaporative surface area with above 90% saturation efficiency
- *Auto clean
- *Low noise,below 75dB

Specifications:

Specification/Model	HBK-23DS / B	HBK-23AS / B	HBK-23BS / B
Fan airflow(m ³ /h)	23000	23000	23000
Output(KW)	1.1	1.1	1.1
V/Hz	380/50	380/50	380/50
Fan Type	Axial	Axial	Axial
Motor Type	High efficient and waterproof type		
Noise (dBA)	≤70	≤70	≤70
Dimension (mm)	1100×1100×950	1100×1125×950	1100×1100×1040
Air Outlet Dimension	670×670	670×670	670×670
W×D×H			
Net Weight(kg)	69	71	78
Automated Cleaning	√	√	√
Water Lack Protection	√	√	√
Controller type	LCD controller	LCD controller	LCD controller
Discharge type	Down discharge	Side discharge	Up Discharge
Applicable Area (m ²)	80 - 100		
Water Consumption (L/H)	50 - 20		

Other Info.:

Stuffing Qty.: 40 units per 40HQ

Packaging: carton packing & wooder pallet.

Delivery time:25-30 days

Model: HBK-23DL



Features :

- *Safe and reliable,over loaded protection
- *LCD display screen,micro computer control
- *Polypropylene cabinet, light, corrosion-resistant, UV-resistant
- *Large evaporative surface area with above 90% saturation efficiency
- *Auto clean
- *Low noise,below 65dB

Specifications:

Specification/Model	HBK-23DL
Fan airflow(m ³ /h)	23000
Pressure (pa)	230
Output(KW)	1.1
V/Hz	380/50
Fan Type	Axial
Motor Type	3-phase 1-speed
Noise (dBA)	≤70
Dimension (mm)	1100×1100×950
W×D×H	
Air Outlet Dimension	670×670
L×W	
Net Weight(kg)	70
Automated Cleaning	√
Water Lack Protection	√
Evaporated efficiency	90%~93%
Controller type	LCD controller
Discharge type	Down discharge
Cover Distance(m)	20

Other Info.:

Stuffing Qty.: 40 units per 40HQ

Packaging: carton packing & wooder pallet.

Delivery time:25-30 days

Model:



Features :

- *Inverter model, 12 stage air volume adjustable
- *Touch screen control, easy for operating
- *Polypropylene cabinet, light, corrosion-resistant, UV-resistant
- *Large evaporative surface area with above 90% saturation efficiency
- *Auto clean
- *Low noise, below 65dB

Specifications:

Specification/Model	HBK-18DS/BP	HBK-18BS/BP	HBK-18AS/BP
Fan airflow(m ³ /h)	6000~18000	6000~18000	6000~18000
Pressure (pa)	150	150	150
Output(KW)	0.15~1.1	0.15~1.1	0.15~1.1
V/Hz	220/50	220/50	220/50
Fan Type	Axial	Axial	Axial
Motor Type	single phase various speed	single phase various speed	single phase various speed
Noise (dBA)	≤65	≤65	≤65
Dimension (mm)	1100×1100×950	1100×1125×950	1100×1100×1040
W×D×H			
Air Outlet Dimension	670×670	670×670	670×670
L×W			
Net Weight(kg)	65	70	70
Automated Cleaning	√	√	√
Water Lack Protection	√	√	√
Evaporated efficiency	90%	90%~93%	90%~93%
Controller type	Touch Screen	Touch Screen	Touch Screen
Discharge type	Down discharge	Side discharge	Up Discharge
Cover Distance(m)	16	16	16

Other Info.:

Stuffing Qty.: 40 units per 40HQ

Packaging: carton packing & wooder pallet.

Delivery time: 25-30 days

Model: HBK-23DL/BP



Features :

- *Inverter model, 12 stage air volume adjustable
- *Touch screen control, easy for operating
- *Polypropylene cabinet, light, corrosion-resistant, UV-resistant
- *Large evaporative surface area with above 90% saturation efficiency
- *Auto clean
- *Low noise, below 65dB

Specifications:

Specification/Model	HBK-23DL/BP
Fan airflow(m ³ /h)	6000~23000
Pressure (pa)	230
Output(KW)	0.15~1.1
V/Hz	220/50
Fan Type	Axial
Motor Type	single phase various speed
Noise (dBA)	≤65
Dimension (mm)	1100×1100×950
W×D×H	
Air Outlet Dimension	670×670
L×W	
Net Weight(kg)	70
Automated Cleaning	√
Water Lack Protection	√
Evaporated efficiency	90%~93%
Controller type	Touch Screen
Discharge type	Down discharge
Cover Distance(m)	20

Other Info.:

Stuffing Qty.: 40 units per 40HQ

Packaging: carton packing & wooder pallet.

Delivery time:25-30 days

1. Model:



HBK-25DLX



HBK-25ALX



HBK-25BLX

2.Feature

- * Centrifugal fan air cooler ,high static pressure, low noise, long air delivering distance
- * Without belt drive, reinforced concrete structure, low failure rate, long life usage;
- * Automatic water supply system, symmetrical water flow with opening water distributor;
- * High-performance evaporator, easy for cleaning
- * LCD display control&Remote control
- * New Polypropylene cabinet, light, corrosion-resistant, UV-resistant

3.Specification:

Specification/Model	HBK-25DLX	HBK-25ALX	HBK-25BLX
Fan airflow(m ³ /h)	25000	25000	25000
Pressure (pa)	280	280	280
Output(KW)	1.5	1.5	1.5
V/Hz	380/50	380/50	380/50
Fan Type	Centrifugal	Centrifugal	Centrifugal
Motor Type	3-phase 1-speed	3-phase 1-speed	3-phase 1-speed
Noise (dBA)	≤60	≤60	≤60
Dimension (mm)	1100×1100×950	1100×1100×1040	1100×1125×950
L×W×Y			
Air Outlet Dimension	447×417	444×415	447×420
L×W			
Net Weight(kg)	104	114	104
Automated Cleaning	√	√	√
Water Lack Protection	√	√	√
Evaporated efficiency	90%~93%	90%~93%	90%~93%
Controller type	LCD&Remote	LCD&Remote	LCD&Remote
Discharge type	Down discharge	Up discharge	Side discharge
Cover Distance(m)	45	45	45

Coefficient of performance for Air Cooler

Indoor Temp. / Outdoor humidity Outdoor temp. °C	20%	30%	40%	50%	60%	70%	80%
	25 °C	13.5	15.5	17	19	20.5	22
30 °C	16.5	19	21	23	25	26.5	28
35 °C	20	22.5	25	27.5	29.5	31	32.5
40 °C	23	26	29	31.5	33.5	36	---
45 °C	27	30	32.5	35.5	---	---	---

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