Exinda Climate Solution

2024-2025

RESIDENTIAL AIR TO WATER HEAT PUMP

COMMERCIAL AIR COOLED HEAT PUMP CHILLER

POOL & SPA HEAT PUMP

ENERGY RECOVERY VENTILATOR
HEAT RECOVERY VENTILATOR

Who is EXINDA?

60,000 m² Factory

Certification approved

5 Professional Laboratory

Strictly Quality Control

Exinda is a national high-tech enterprise specialized in manufacturing air-to-water heat pump with strong R&D strength and providing comprehensive energy-saving solutions for clients from all over the world.

We has a complete heat pump supply chain with products including Swimming Pool Heat Pump, Residential Heat Pump, Commercial Heat Pump, ERV & HRV ventilator etc.

Taking the corporate social responsibility for creating a green future, we will continue to identify opportunities and seek new energy solutions as we strive to make the world's spaces happier and more comfortable.

100% Quality Control

Strict quality control for all parts, and provide stable heat pump product. With 3 Explosion-proof production lines, annual output of heat pump with 90000pcs.The production line covers nitrogen pressure leak detection, halogen leak detection, electrical safety Inspection, and commodity inspection (connect water & electricity, each heat pump under testing with 15mins.)
Advanced production line and complete testing process, 100% quality control in production process makes stable quality.

R290 Hydronics
Air-to-Water Heat Pumps

- R290 refrigerant can achieve a high water temperature up to **75°C**, meanwhile, heat pump installation is convenient and the original gas boiler system like radiators and water pipes can be kept, achieving integrated multi-heat source and energy-saving.

Exinda R290 Heat Pump Range

XDASH20D3 Three Phase
Capacity 7.81~22.32 KW

XDASH15D3 Three Phase
Capacity 5.64~15.72 KW

XDASH12C3 Single Phase
Capacity 4.58~11.83 KW

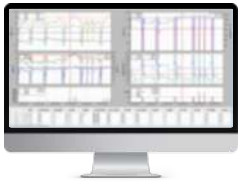
XDASH09C3 Single Phase
Capacity 2.99~8.86 KW

XDASH06C3 Single Phase
Capacity 2.07~6.82 KW

Smart Control Display

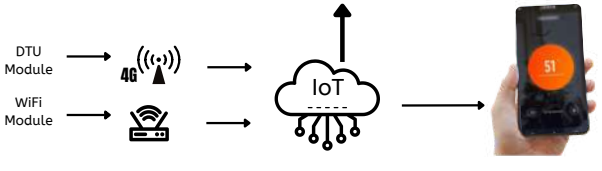
Exinda Smart Display has a convenient 4-inch touch screen that users can easily control the heat pump at home, including various intelligent modes: central heating, central cooling, hot water, heating + hot water, cooling + hot water, anti-frozen protection, defrost, timer, etc.

IoT System & Remote Diagnostics



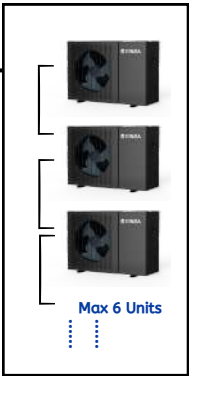
From performance monitoring to statistics analytics, Exinda IoT system is a cost-efficient way to diagnose faults, automatically adjust the operation logics and solve the problem, increasing the security, uptime and reliability of the heat pump.

APP Remote Control



Cascade Control System

- Maximum 6 units controlled by one controller
- Built-in Wi-Fi module
- Modbus and network flexibility
- Well-documented interface such as RS485.



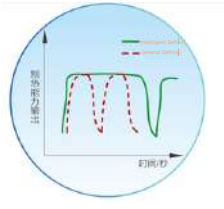
-25°C ~ 43°C Ultra-Wide Operating Range

DC Inverter Technology

Inverter systems, unlike fixed-speed ones, adjust their output using a variable-speed compressor to minimize energy consumption and maintain optimal temperature.

This leads to higher energy efficiency, effective heating/cooling, and hot water production even in cold climates, significantly reducing energy costs and electricity bills.

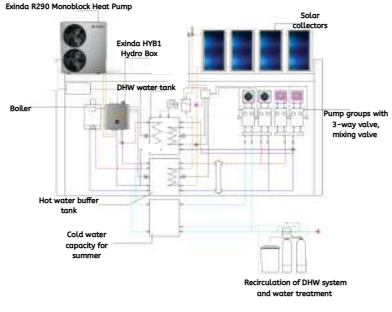
Intelligent Defrost Mode



The intelligent defrost mode of the Exinda heat pump automatically detects and melts frost on the outdoor coil, preserving the unit's heating efficiency. By preventing frost/ice accumulation in cold climates, it significantly reduces energy use, avoids equipment wear and tear, and extends heating operation time.

Hybrid Heating System

With Modbus(RS485) Interface, Exinda Integrate Heat Pump can be connected to other energy source such as fuel boiler, solar PV panel, pellet boiler to achieve energy saving, based on local energy policy and user's preference. It will be greatly helpful in extremely cold area.



Components & Dedicated Structure

Technical features

Model No.		XDASH06C3A	XDASH09C3A	XDASH12C3A	XDASH15D3A	XDASH20D3A
Description						
Power Supply	V/ph/Hz	220~240 / 1 / 50	220~240 / 1 / 50	220~240 / 1 / 50	380~415 / 3 / 50	380~415 / 3 / 50
Energy Class (35°C SCOP)	/	A+++	A+++	A+++	A+++	A+++
Energy Class (55°C SCOP)	/	A++	A++	A++	A++	A+++
Min./Max. Heating Capacity (1)	KW	2.07~6.82	2.99~8.86	4.58~11.83	5.64~15.72	7.81~22.32
EI. heating power input min./max.(1)	W	476~1572	582~2374	900~2935	1121~4041	1603~5818
COP min./max.(1)	/	3.90~5.14	3.73~5.13	3.81~5.10	3.87~5.10	3.84~5.12
Min./Max. Heating Capacity (2)	KW	1.95~5.91	2.73~8.58	3.54~11.43	5.06~15.22	7.60~20.84
EI. heating power input min./max.(2)	W	459~1830	656~2751	853~3586	1191~4812	1833~6584
COP min./max.(2)	/	3.23~4.25	3.12~4.16	3.19~4.15	3.16~4.20	3.17~4.14
Min./Max.cooling Capacity (3)	KW	1.73~5.47	2.92~7.44	3.53~9.89	6.81~12.20	9.39~16.72
EI. cooling power input min./max.(3)	W	529~1252	676~2304	816~3003	1551~3741	2139~5159
E.E.R min./max.(3)	/	3.27~4.37	3.23~4.32	3.29~4.33	3.26~4.39	3.24~4.39
Min./Max.cooling Capacity (4)	KW	0.85~4.71	1.86~5.30	2.17~7.05	4.81~9.87	6.52~13.71
EI. cooling power input min./max.(4)	W	347~1615	610~2141	714~2791	1558~3584	2149~4943
E.E.R min./max.(4)	/	2.45~2.85	2.48~3.05	2.53~3.04	2.75~3.08	2.77~3.03
Refrigerant/ Proper Input	kg	R290/0.55kg	R290/0.7kg	R290/0.9kg	R290/1.1kg	R290/1.5kg
Fan Motor Type	/	DC motor	DC motor	DC motor	DC motor	DC motor
Fan Quantity	/	1	1	1	2	2
Compressor	Brand	HIGHLY	HIGHLY	HIGHLY	HIGHLY	HIGHLY
Plate Heat Exchanger	Brand	Alfa Laval	Alfa Laval	Alfa Laval	Alfa Laval	Alfa Laval
Circulation Pump	Brand	Wilo	Wilo	Wilo	Wilo	Wilo
Max. flow temp. in heating mode	℃	75	75	75	75	75
Min. flow temp. in heating mode	℃	20	20	20	20	20
Min. flow temp. in cooling mode	℃	7	7	7	7	7
Circulation pump delivery head	m	7	7	9	9	9
Water Pressure Drop （max)	kpa	30	30	30	30	45
Water Connection	inch	G 1	G 1	G 1	G 1	G 1-1/4
Operating Ambient Temp.	℃	-25~43	-25~43	-25~43	-25~43	-25~43
Noise level(indoor/outdoor)	dB(A)	42/52	42/52	42/52	42/52	42/58
Unit Dimensions(L/W/H)	mm	1150×520×755	1200×550×855	1200×550×855	1250×550×1420	1250×550×1420
Net Weight	kg	88	104	112	164	185

(1) Heating condition: water inlet/outlet temperature:30℃/35℃,Ambient temperature: DB 7℃/WB 6C;

(2) Heating condition: water inlet/outlet temperature:40℃/45℃, Ambient temperature: DB 7℃/WB 6℃;

(3) Cooling condition: water inlet/outlet temperature:23℃/18℃, Ambient temperature: DB 35℃/WB 24℃;

(4) Cooling condition: water inlet/outlet temperature:12℃/7C, Ambient temperature: DB 35℃/WB 24℃;

Exinda Hydrobox

HYB

Dimension: 680×630×300mm N.W.: 30Kg

High Efficiency Water Pump

Class A water pump maximize
the efficiency of a water-based heating system in quiet operation, helping reduce the energy consumption

Multifunctional 3-Way Valve

Achieve 3 functions (hot water, central heating & cooling). Consumers can select the right modes according to their demands: hot water + heating or hot water + cooling.

3KW Backup Electric Heater

The backup heater provides supplementary space heating capacity in addition to the heat pump in severe weather conditions.

Water Circuit Safety Valve Kit

Water circuit monitoring helps consumer find out abnormal pressure for easier installation and maintenance.

Installation Never Been So Easy

Cost-effective & Time-saving Installation with Exinda Hydro HYB System

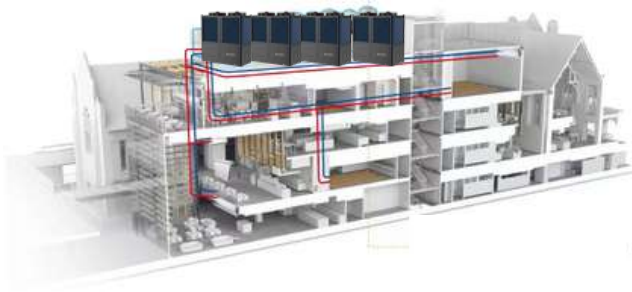
With the all-in-one hydrobox, installers do not need to collect those different components, which helps install all these units quickly in the most convenient way and save time.

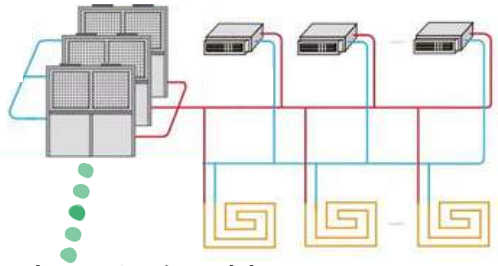
R290 Commercial
Air Cooled Heat Pump & Chiller
45-90KW

Exinda Heating & Cooling Solutions is new sustainable and highly efficient air to water heat pumps, ideal for large commercial, industrial or multi dwelling residential applications.

By utilising R290, a natural refrigerant with a very low Global Warming Potential (GWP 3) , this heat pump has a lower environmental impact when released into the atmosphere compared to other refrigerants.

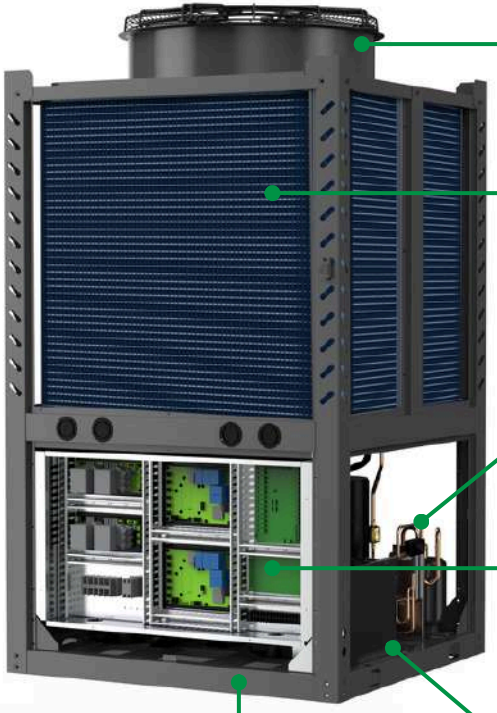
It delivers outstanding A+ performance.





Cascade max.8 unit modules

Design & Conception



Fan speed control - option
The fan can be equipped with a temperature condensation control technology.

Condenser
Highly optimized heat exchanger design enables a refrigerant charge reduction of 50%: Less than 3 kg of propane (R290).

Electronic expansion valve
This reliable and high-performant valve minimises overheating of the evaporator. It is directly managed from the control system.

Controller
This new high standard control system provides excellent pressure control, as well as global and optimized unit management.

Removable panels
Great accessibility to internal components for service operations.

Safety ventilation system
If Propane (R290) is detected by the leak detector, the unit stops running immediately. In addition, a self-contained ventilation system ensures venting of gas to the outside of the unit.

Technical features-45KW

Model No.			XDHC45D3
Hot Water Capacity	Heating Capacity	kW	40.00
	Water Outlet	L/h	860
	Heating Input Power	kW	8.8
	COP	/	4.55
Heating Capacity A	Heating Capacity	kW	143.5
	Heating Input Power	kW	12.2
	COP	/	4.42
Heating Capacity B	Heating Capacity	kW	43
	Heating Input Power	kW	4.02~14.38
	COP	/	3.38
Cooling Capacity	Cooling Capacity	kW	30.00
	Cooling Input Power	kW	4.52~14.02
	EER	/	2.54
Power Supply		/	380~415V/3N~/50Hz
Max. Power Input		kW	10.2
Max.Input Current		A	28.6
Compressor Quantity		/	2
Compressor Type		/	Scroll Compressor
Compressor Brand		/	Copeland
Fan Quantity		/	1
Fan Type		/	Low-Noise Axial Flow Fan
Air Discharge Type		/	Vertical
Water flow		m3/h	6.2
Water Pressure Drop		kPa	60
Noise		dB(A)	60
Operation Range		℃	-25~43
Type of heat exchanger		/	Plate heat exchanger
Defrosting		/	By 4-Way Valve
Water Connection		inch	1.5
Refrigerant/ Proper Input		kg	R290
Weight		kg	350
Unit Dimensions L/W/H		mm	1025×985×1795

COP 4.55

A+

Energy efficiency class
According to Delegated Regulation No. 813/2013 of the European Commission

1.Hot Water Condition: Ambient Temp. (DB/WB): 20℃ /15°C, Water Circulation is from 15°C to 55°C.
2.Heating Capacity A: Ambient Temp.(DB/WB): 7°C/6°C, Water Temp.(ln/Out): 40°C/45°C.
3.Heating Capacity B: Ambient Temp.(DB/WB):-12°C/-14°C, Water Temp. Out: 41°C.
4.Cooling Capacity: Ambient Temp.(DB/WB): 35°C /24°C Water Temp.(ln/Out): 12°C/7°C.

Technical features-90KW

Model No.			XDHC90D3
Hot Water Capacity	Heating Capacity	kW	92.4
	Water Outlet	L/h	1986
	Heating Input Power	kW	20.2
	COP	/	4.57
Heating Capacity A	Heating Capacity	kW	73.5
	Heating Input Power	kW	21.3
	COP	/	3.45
Heating Capacity B	Heating Capacity	kW	50.5
	Heating Input Power	kW	20.1
	COP	/	2.51
Cooling Capacity	Cooling Capacity	kW	62.5
	Cooling Input Power	kW	25.5
	EER	/	2.45
Power Supply		/	380~415V/3N~/50Hz
Max. Power Input		kW	27.7
Max.Input Current		A	55.2
Compressor Quantity		/	2
Compressor Type		/	Scroll Compressor
Compressor Brand		/	Copeland
Fan Quantity		/	2
Fan Type		/	Low-Noise Axial Flow Fan
Air Discharge Type		/	Vertical
Water flow		m3/h	15.5
Water Pressure Drop		kPa	75
Noise		dB(A)	67
Operation Range		℃	-25~43
Type of heat exchanger		/	Plate heat exchanger
Defrosting		/	By 4-Way Valve
Water Connection		inch	2.5
Refrigerant/ Proper Input		kg	R290
Weight		kg	650
Unit Dimensions L/W/H		mm	2150×1050×2250

COP 4.57

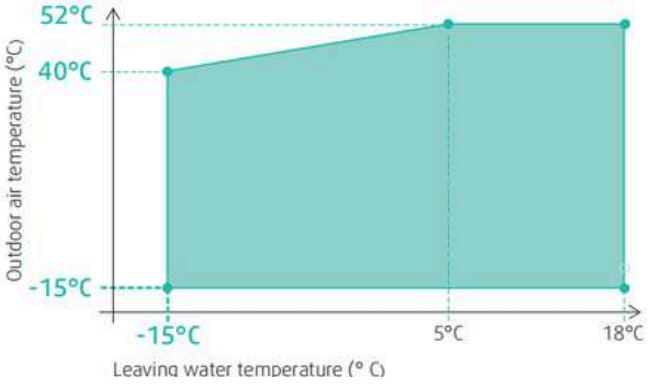
A+

Energy efficiency class
According to Delegated Regulation No. 813/2013 of the European Commission

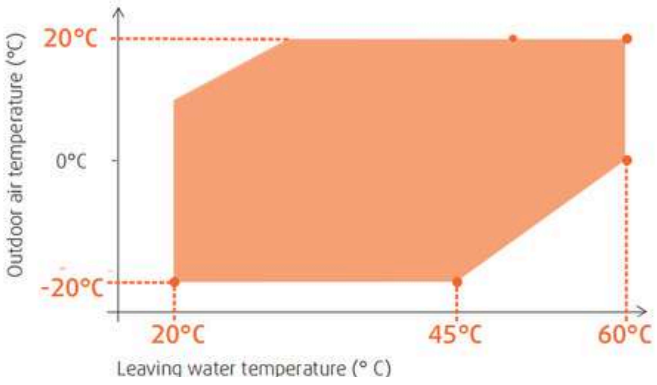
1.Hot Water Condition: Ambient Temp. (DB/WB): 20℃ /15°C, Water Circulation is from 15°C to 55°C.
2.Heating Capacity A: Ambient Temp.(DB/WB): 7°C/6°C, Water Temp.(ln/Out): 40°C/45°C.
3.Heating Capacity B: Ambient Temp.(DB/WB):-12°C/-14°C, Water Temp. Out: 41°C.
4.Cooling Capacity: Ambient Temp.(DB/WB): 35°C /24°C Water Temp.(ln/Out): 12°C/7°C.

Extended operating limits

Operating envelope in cooling mode



Operating envelope in heating mode

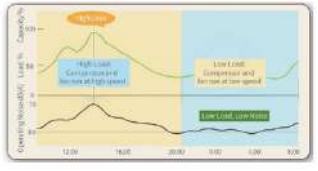


Boost your capacity up to 720 kW

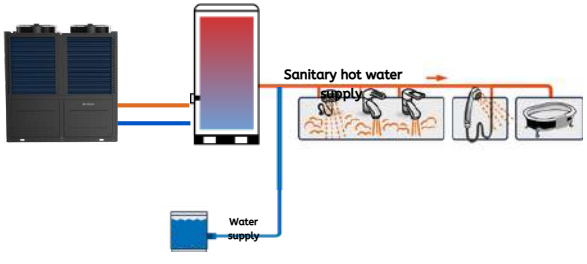
by combining up to 8 units together.

Active noise reduction

The unit with multiple quiet technologies and sound-efficient components. By dynamically adjusting speed based on current demand, ambient temperature, and other variables, it ensures operational noise remains at a minimal 56dB(A).



Easy operation



Access anywhere anytime

Whether from the office or on the road, using a desktop PC, tablet or smartphone, the cloud solution ensures you always have full control of your machine. For adjusting set points, access to all the relevant data and functions, just a quick check or a detailed analysis,

POOL HEAT PUMP

POOL HEATING SOLUTIONS 3KW to 28KW

Exinda's Wave Series comprehensive range of heating & cooling systems.

3KW

4KW

7KW 10KW 12KW

18KW 28KW

CE RoHS

Sizing Chart to Heat Your Pool to 26 ~ 28°C					
		Temperate Location *		Warm Location **	
		Min 12 hrs/Day Run time		Min 12 hrs/Day Run time	
Pool Size(m)	Litres	with Pool Cover	No Pool Cover	with Pool Cover	No Pool Cover
3 x 6	Up to 21000	9KW	12KW	9KW	9KW
3 x 7	Up to 28000	9KW	15KW	9KW	12KW
4 x 7	Up to 35000	15KW	19KW	9KW	15KW
4.5 x 8.5	Up to 55000	22KW	25KW	15KW	25KW
5 x 10	Up to 70000	30KW	37KW	25KW	30KW
5.5 x 11	Up to 95000	37KW	43KW	30KW	36KW
6 x 12	Up to 110000	43KW	30KWx2	36KW	43KW
30KWx2	Up to 130000	30KWX2	36KWx2	43KW	25KWx2

Note: Heat pump sizing is influenced by ambient temperature, humidity, use of a pool cover, night time temperature, pool location, wind factor, water features and if the unit is switched off over night. Therefore, any under sizing of the heater for your pool heating requirements is not the responsibility of EXINDA.* Temperate Location:- Where minimum average daytime temperatures between September to May are not less than 18ºC.** Warm Location:- Where minimum average daytime temperatures between September to May are not less than 24ºC

TWIN-ROTARY INVERTER COMPRESSOR

LIGHTWEIGHT
COMPACT SIZE
STABILITY
HIGH
EFFICIENCY

TITANIUM HEAT EXCHANGER

HIGH EFFICENCY
EXELLENT CORROSION
RESISTANT
PERFORMANCE
IHIGHLY STABLE

INVERTER MOTOR & DRIVE BOARD

HIGH PRECISION
POWER-SAVING
LONG SERVICE TIME

High COP

5.66~16.0

7.56~16.0

Intelligent Defrosting System

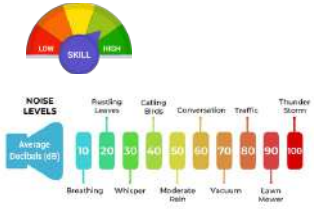
Intelligent defrosting system automatically clears frost under -10°C to safeguard the heat pump.

Smart Control by App

Wi-Fi-enabled temperature control APP (iOS and Android) with control, schedule and timer functions

Super Quiet Operation

Sound-proof design and insulation form ,achieves a quiet 40~50dB(A) at 1 meter.



R32 Environmentally refrigerant

R32 refrigerant is a low global warming potential (GWP 657), less environmental impact, energy efficiency, safety, and cost-effectiveness

Ice bath chiller

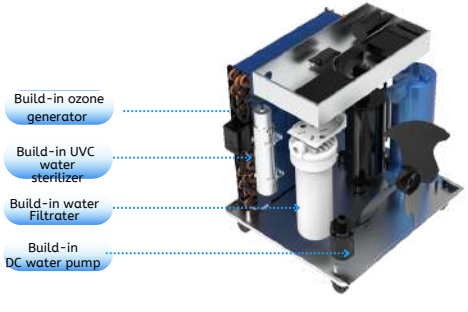
Powerful cooling capacity 1HP

Portale water chiller

Cold water as low as 3°C throughout the day, when ambient temperature up to 40°C

MODEL		XDIBC04A2
Performance Condition Air 27℃ /Water outlet 28℃		
Heating Capacity	KW	4
Power input	w	580
COP	/	6.9
Performance Condition Air 35℃ /Water oulet 25℃		
Cooling Capacity	KW	3
Power input	W	960
EER	/	3.12
Performance Condition Air 27℃,Water oulet 8℃		
Cooling Capacity	KW	1.9
Power input	W	660
EER	/	2.86
Sound Pressure 1 m	dB(A)	48
Cooling time	100gal / 378L 4hours cooling to 3℃ at outdoor temperature 35℃	
Heating time	100gal / 379L 4hours heating to 40℃ at outdoor temperature 7℃	

Built-in 3 step auto-cleaning sanitization system



Step 1: The 20-micron water filter removes ultra-fine sediment and dirt.

Step 2: The ozone generator it is natural and automatic disinfectant,hygiene and reduce the quantity of chemical products used.

Step 3: UV water sterilizer illness-causing viruses and bacteria in water, allows water to be recycled

1HP cold plunge chiller

Function and Features

Ensure hygiene and cleanliness

Simple set up the temperature

Portable for anywhere

Easy installation

• PERFORMANCE DATA

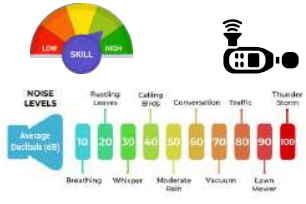
Model	XDIBC04A2
Cooling capacity	1HP / 3KW
Heating capacity	4KW
Refrigerant	R32/450g
Power supply	220-240V / 1Ph / 50Hz
Operation range	-10~43°C
Operating Mode	Chill / Heat
Water outlet temp.	3~40ºC
Pump Power	80 W
Pump delivery head	14M
Pump Flow	2700L/H
Casing type	ABS Casing
Color	Black
Water hoses	2 horse, 6- 1/2 ft each. DN15 threaded connection
Length	468*410*472mm
Weight	34 KG
Warranty	2 year

Smart Control by App

Wi-Fi-enabled temperature control APP (iOS and Android) with control, schedule and timer functions

Super Quiet Operation

Sound-proof design and insulation,achieves a quiet 40~50dB(A) at 1 meter.



4KW Pool & Spa Heat Pump

Cooling to 3°C or heating to 40°C

MAIN FEATURES

Flexibility: Extend your swimming season, operates from -10°C ~ 43°C
Eco-Friendly: Lower operating costs by high-efficiency heat pump
WIFI Connection: Wireless Wi-Fi control with your smartphone

CE ETL RoHS

2 IN 1 - HEATING / COOLING

The Exinda heat pump's 3-in-1 feature—heating, cooling, and chilling—provides ultimate spa versatility.

Efficiently warm for relaxation or quickly cooled for swimming, it gives you full temperature control to suit any season or preference.

Experience the perfect spa atmosphere with Exinda's blend of performance and efficiency.

4KW Heat Pump

MODEL		XDSPH040C3E
Heating Capacity	KW	4
Advised pool volume	m3	18~35
Operating air temperature	℃	-10～43°C
Performance ConditionAir 26°C,Water 26°C, Humidify 80%		
Heating Capacity	KW	4.2
COP	/	13.2~5.8
COP at 50% capacity	/	10
Performance ConditionAir 15°C,Water 26°C, Humidify 70%		
Heating Capacity	KW	2.8
COP	/	7.1~4.3
COP at 50% capacity	/	6.2
Sound Pressure at 1m	dB(A)	38~47
Sound Pressure of 50% capacity at 1m	dB(A)	40
Sound Pressure at 10m	dB(A)	16~28
Compressor	Brand	GMCC
Casing Type	/	ABC Casing
Fan Quantity	/	1
Fan Power Input	W	45
Fan Speed	RPM	400~800
Power Supply	/	220-240V~/1Ph~50Hz
Rate Input Power at Air 15°C	KW	0.13~1.1
Rate Input Current at Air 15°C	A	0.56~4.78
Circuit Breaker	Amps	15
Max Input Current	A	6.5
Power Cord	mm²	3*1.5
Fan Direction	/	Horizontal
Advise Water Flux	m3/h	2~4
Water pipe in-out size	mm	50
Net Dimensions L/W/H	mm	468*410*472
Refrigerant	/	R32

7-10KW Heat Pump

Defy the elements and take pleasure in your pool and spa at any time. Our heat pump ensures perfect water temperatures all year round.

Rely on Exinda for premium outdoor heating systems.

MODEL		XDSPH070C3E	XDSPH100C3E
Heating Capacity	KW	7	10
Advised pool volume	m3	18~35	25~50
Operating air temperature	℃	-10～43℃	-10～43℃
Performance Condition	Air 26℃,Water 26℃, Humidify 80%		
Heating Capacity	KW	7.5	10.7
COP	/	14.2~5.8	14.7~6.98
COP at 50% capacity	/	10.8	11.5
Performance Condition	Air 15℃,Water 26℃, Humidify 70%		
Heating Capacity	KW	5.9	7.6
COP	/	7.1~4.9	7.4~4.7
COP at 50% capacity	/	6.5	6.6
Sound Pressure at 1m	dB(A)	38~50	40~50
Sound Pressure of 50% capacity at 1m	dB(A)	40	42
Sound Pressure at 10m	dB(A)	18~28	19~29
Compressor	Brand	GMCC	
Casing Type	/	ABC Casing	
Fan Quantity	/	1	
Fan Power Input	W	45	75
Fan Speed	RPM	400~800	400~800
Power Supply	/	220-240V~/1Ph~50Hz	
Rate Input Power at Air 15℃	KW	0.19~1.23	0.23~1.75
Rate Input Current at Air 15℃	A	0.76~5.24	0.85~6.6
Circuit Breaker	Amps	15	15
Max Input Current	A	8	9
Power Cord	mm²	3*1.5	3*2.5
Fan Direction	/	Horizontal	
Advise Water Flux	m3/h	2~4	3~4
Water pipe in-out size	mm	50	
Net Dimensions L/W/H	mm	930*550*341	
Refrigerant	/	R32	

7KW to 10KW Heat Pump

12KW to 18KW Heat Pump

MODEL		XDSPH120C3E	XDSPH180C3E
Heating Capacity	KW	12	18
Advised pool volume	m3	30~55	40~75
Operating air temperature	℃	-10～43°C	-10～43°C
Performance Condition	Air 26℃,Water 26℃, Humidify 80%		
Heating Capacity	KW	12.7	18.5
COP	/	15.2~7.6	15.9~6.1
COP at 50% capacity	/	11.5	10.9
Performance Condition	Air 15℃,Water 26℃, Humidify 70%		
Heating Capacity	KW	8.9	13.3
COP	/	7.9~4.85	7.9~4.8
COP at 50% capacity	/	6.9	6.3
Sound Pressure at 1m	dB(A)	42~52	43~55
Sound Pressure of 50% capacity at 1m	dB(A)	45	47
Sound Pressure at 10m	dB(A)	22~31	23~35
Compressor	Brand	GMCC	
Casing Type	/	ABC Casing	
Fan Quantity	/	1	
Fan Power Input	W	75	
Fan Speed	RPM	400~800	500~850
Power Supply	/	220-240V~/1Ph~50Hz	
Rate Input Power at Air 15℃	KW	0.32~2.7	0.37~3.5
Rate Input Current at Air 15℃	A	1.34~11.4	1.6~14.5
Circuit Breaker	Amps	15	15
Max Input Current	A	10	17
Power Cord	mm^2	3*4	3*6
Fan Direction	/	Horizontal	
Advise Water Flux	m3/h	4~6	8~10
Water pipe in-out size	mm	50	
Net Dimensions L/W/H	mm	960*658*341	
Refrigerant	/	R32	

28KW to 35KW

MODEL		XDSPH280C3E	XDSPH350C3E
Heating Capacity	KW	28	35
Advised pool volume	m3	65~120	90~160
Operating air temperature	℃	-10～43℃	-10～43℃
Performance Condition	Air 26℃,Water 26℃, Humidify 80%		
Heating Capacity	KW	28.5	35.5
COP	/	14.8~6.5	14.8~6.0
COP at 50% capacity	/	10.9	10.9
Performance Condition	Air 15℃,Water 26℃, Humidify 70%		
Heating Capacity	KW	20.5	28.4
COP	/	7.9~4.8	7.9~4.8
COP at 50% capacity	/	6.7	6.9
Sound Pressure at 1m	dB(A)	46~58	50~62
Sound Pressure of 50% capacity at 1m	dB(A)	48	46
Sound Pressure at 10m	dB(A)	23~36	23~36
Compressor	Brand	GMCC	
Casing Type	/	ABC Casing	
Fan Quantity	/		
Fan Power Input	W		200
Fan Speed	RPM	500~900	500~900
Power Supply	/	380~400V/3Ph/50Hz	
Rate Input Power at Air 15℃	KW	0.55~4.1	0.65~5.26
Rate Input Current at Air 15℃	A	0.78~5.7	0.9~7.5
Circuit Breaker	Amps	15	15
Max Input Current	A	7	9.5
Power Cord	mm²	5*2.5	5*2.5
Fan Direction	/	Up charging	
Advise Water Flux	m3/h	10~12	12~18
Water pipe in-out size	mm	50	
Net Dimensions L/W/H	mm	932*990*685	
Refrigerant	/	R32	

Air exchangers

Ultra-quiet, Efficient, Compact, Everything required!

Given the premium on floor space in most structures, our cutting-edge Breeze recessed ceiling units offer an economically efficient, space-optimizing solution for optimal indoor ambience.

Indoor Air Quality Systems

Ceiling Series

250 350 450 CMH

Wall - mounted Series

250 350 450 CMH

Cross Heat Exchanger

A unique and ultra-powerful device designed for maximum energy efficiency. The heat exchanger showcases an large surface area, enabling it to achieve a higher level of efficiency. Variable duct heights ensure smooth airflow, minimizing pressure losses and promoting optimal airflow. Consequently, less energy is required to overcome air resistance, resulting in enhanced energy savings.

High efficiency BLDC motor

BLDC motors in a fresh air ventilation system provides energy efficiency, variable speed control, quieter operation, longer lifespan, and enhanced control and integration capabilities.

Optional filter

mprove indoor air quality, protect equipment and systems, reduce cleaning efforts, and provide a comfortable indoor environment.

Exinda offers a selection of primary, medium, and hepa filters.

Low leakage under 2%

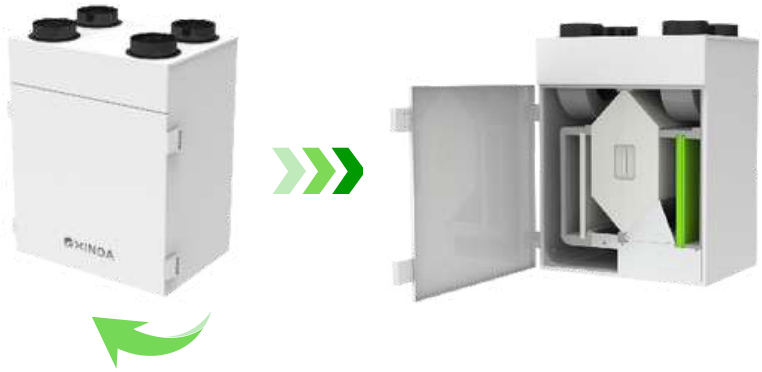
Due to Exinda's rigorous simulations and testing verification conducted on manufacturing processes, internal structure, and control of pressure differentials, the leakage rate is strictly maintained below 2%.

Central Ventilation Device

A wall-mounted fresh air ventilation unit is an efficient device that provides a steady supply of fresh outdoor air into enclosed spaces :

- Easy installation
- Adjustable controls
- Air filtration capabilities

With its sleek design and energy-saving features, it offers a practical solution for achieving a healthier indoor environment.

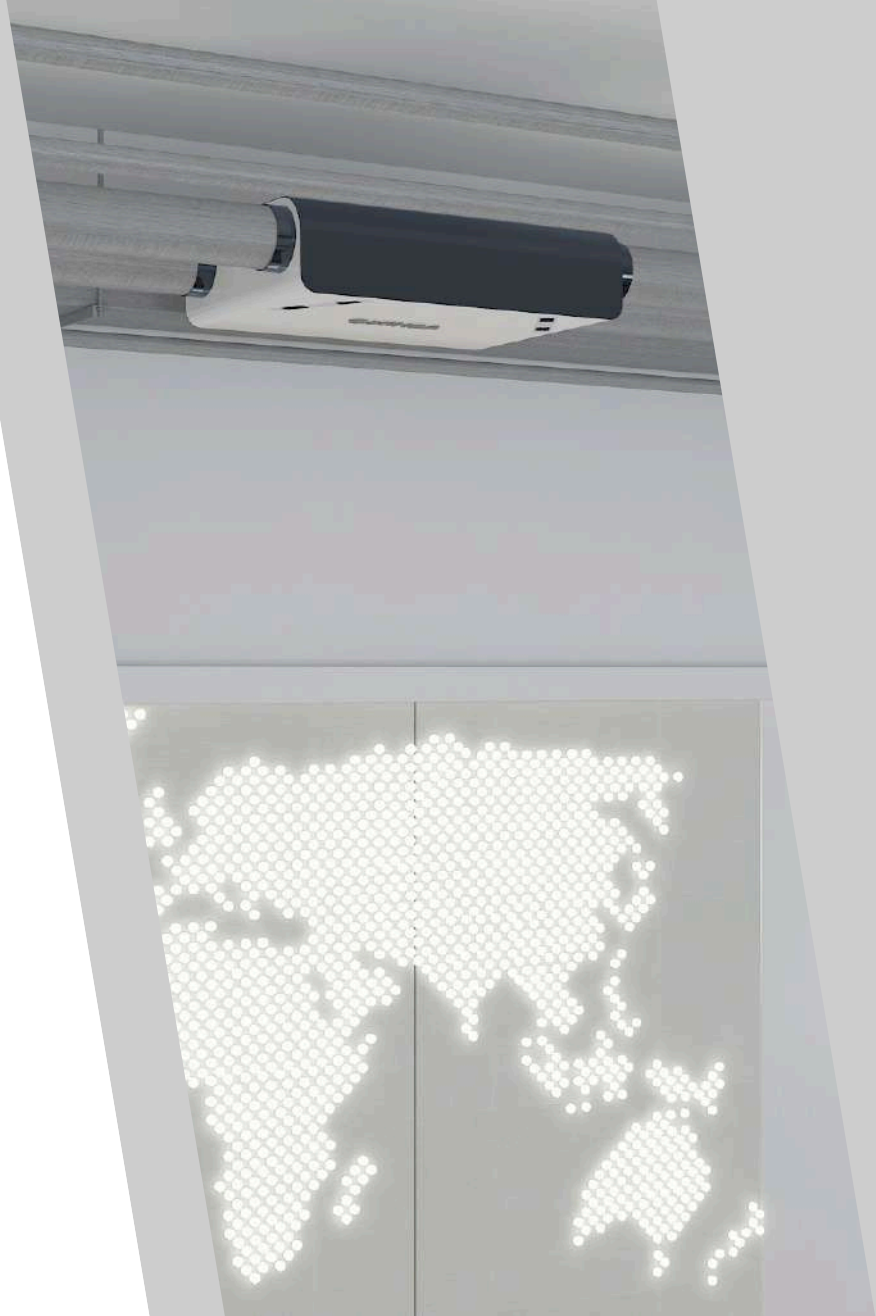


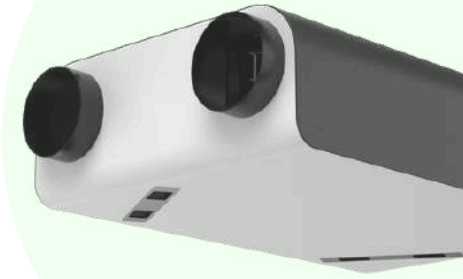
MODEL	EXD-W250E	EXD-W250H	EXD-W350E	EXD-W350H	EXD-W450E	EXD-W450H
Air volume (m³/h)	250	250	350	350	450	450
Dimensions H x W x D (mm)	800*600*420	800*600*420	876*652*465	876*652*465	950*750*600	950*750*600
Weight (KG)	28	31	30	33	33	36
Electrical Power Supply	220-240V 50-60Hz	220-240V 50-60Hz	220-240V 50-60Hz	220-240V 50-60Hz	220-240V 50-60Hz	220-240V 50-60Hz
Max Running Current (A)	0.7	0.7	0.9	0.9	1.2	1.2
Summer Bypass	Full Bypass	Full Bypass	Full Bypass	Full Bypass	Full Bypass	Full Bypass
Filter (OA)	ISO ePM1 80% (F7)	ISO ePM1 80% (F7)	ISO ePM1 80% (F7)	ISO ePM1 80% (F7)	ISO ePM1 80% (F7)	ISO ePM1 80% (F7)
Filter (RA)	ISO Coarse 85% (G4)	ISO Coarse 85% (G4)	ISO Coarse 85% (G4)	ISO Coarse 85% (G4)	ISO Coarse 85% (G4)	ISO Coarse 85% (G4)
Housing Material	Galvanized sheet steel	Galvanized sheet steel	Galvanized sheet steel	Galvanized sheet steel	Galvanized sheet steel	Galvanized sheet steel
Heat Exchanger Material	Plastic	Aluminum	Plastic	Aluminum	Plastic	Aluminum
Connection diameter(mm)	160	160	160	160	160	160
Nosie dB(A)	35	35	37	37	40	40
Total Recovery (heating & cooling)	80/65	N/A	80/65	N/A	80/65	N/A
Sensible Recovery (heating & cooling)	N/A	85/70	N/A	85/70	N/A	85/70

CE ErP RoHS

Super-Thin Ventilation Systems

- Exinda ultra-thin ventilation system, a perfect blend of style, functionality, and sustainability.
- With a sleek design measuring just 230mm in thickness, it effortlessly complements any style.
- Its unique summer bypass function allows for a refreshing breeze while maintaining a comfortable indoor temperature.
- Experience superior air quality and energy efficiency with our ultra-thin ventilators





MODEL	EXD-C150E	EXD-C150H	EXD-C250E	EXD-250H	EXD-C350E	EXD-350H
Air volume (m³/h)	150	150	250	250	350	350
Dimensions L x W x H (mm)	1150*580*230	1150*580*230	1150*580*230	1150*580*230	1200*600*230	1200*600*230
Weight (KG)	21	24	23	26	25	28
Electrical Power Supply	220-240V 50-60Hz	220-240V 50-60Hz	220-240V 50-60Hz	220-240V 50-60Hz	220-240V 50-60Hz	220-240V 50-60Hz
Max Running Current (A)	0.3	0.3	0.6	0.6	0.8	0.8
Summer Bypass	Full Bypass	Full Bypass	Full Bypass	Full Bypass	Full Bypass	Full Bypass
Filter (OA)	ISO ePM1 80% (F7)	ISO ePM1 80% (F7)	ISO ePM1 80% (F7)	ISO ePM1 80% (F7)	ISO ePM1 80% (F7)	ISO ePM1 80% (F7)
Filter (RA)	ISO Coarse 85% (G4)	ISO Coarse 85% (G4)	ISO Coarse 85% (G4)	ISO Coarse 85% (G4)	ISO Coarse 85% (G4)	ISO Coarse 85% (G4)
Housing Material	Galvanized sheet steel	Galvanized sheet steel	Galvanized sheet steel	Galvanized sheet steel	Galvanized sheet steel	Galvanized sheet steel
Heat Exchanger Material	Plastic	Aluminum	Plastic	Aluminum	Plastic	Aluminum
Connection diameter(mm)	160	160	160	160	160	160
Nosie dB(A)	35	35	37	37	40	40
Total Recovery (heating & cooling)	80/65	N/A	80/65	N/A	80/65	N/A
Sensible Recovery (heating & cooling)	N/A	85/70	N/A	85/70	N/A	85/70

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