ZEALUX ELECTRIC LIMITED

FACTORY: SCIENCE AND TECHNOLOGY ZONE,
XINGTAN INDUSTRIAL PARK, XINGTAN, SHUNDE, FOSHAN, CHINA

Email: sales@zealux.com
Web: www.zealux.com
Tel: +86-20-86000676

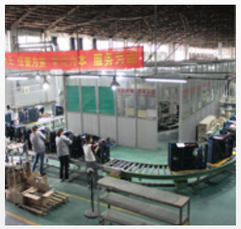
ZEALUX® INVERBOOST®

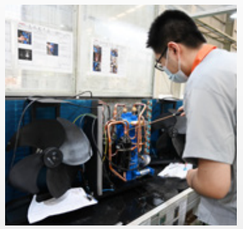
AIR TO WATER HEAT PUMP

COMPANY PROFILE

ZEALUX® group, one of the most professional and trusted air source heat pump manufacturers in Guangdong, China, has been focusing on providing the best heating solution for more than 20 years with full respect to the environment. Zealux is the only factory with almost the whole industrial chain for heat pump products now with a 30000+ m² area, 3 assembly lines, 3 professional labs testing down to -25℃, and a strict quality control system.

Zealux INVERBOOST technology is in the leading position in the professional market with a good reputation for its excellent performance and reliability. Committing to upgrading user experience, Zealux never stops innovation.



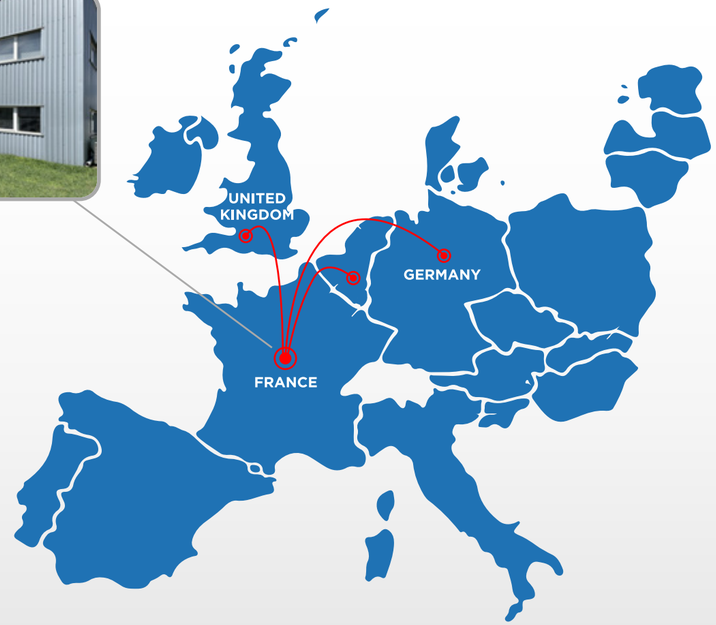


Zealux service center and warehouse in France and Germany,

Zealux is aiming to provide high-quality air source heat pumps to our global partners for long-term cooperation.

Our strong backup in the local market with a professional well-experienced team. Always caring about customer satisfaction, Zealux commits to providing the best service to our global partners.

- NEW PRODUCT SHOW ROOM
- PROMPT AFTER-SALE SUPPORT
- SPARE PARTS STOCK SYSTEM
- TECHNICAL SUPPORT
- PRODUCT TRAINING



ALL IN ONE

Zealux INVERBOOST air-to-water heat pump integrates home heating/cooling, floor heating, and hot water into one system, which fully meets end-user needs, making your home more comfortable.

APPLICATION POSSIBILITIES

- Great for most houses
  Owing to the compact design, ZEALUX INVERBOOST air/water heat pump applies to most houses, even those with limited space.

- Easy installation & maintenance
  The integrated design achieves multi-functions. The installation is easy.

FAN COIL UNIT

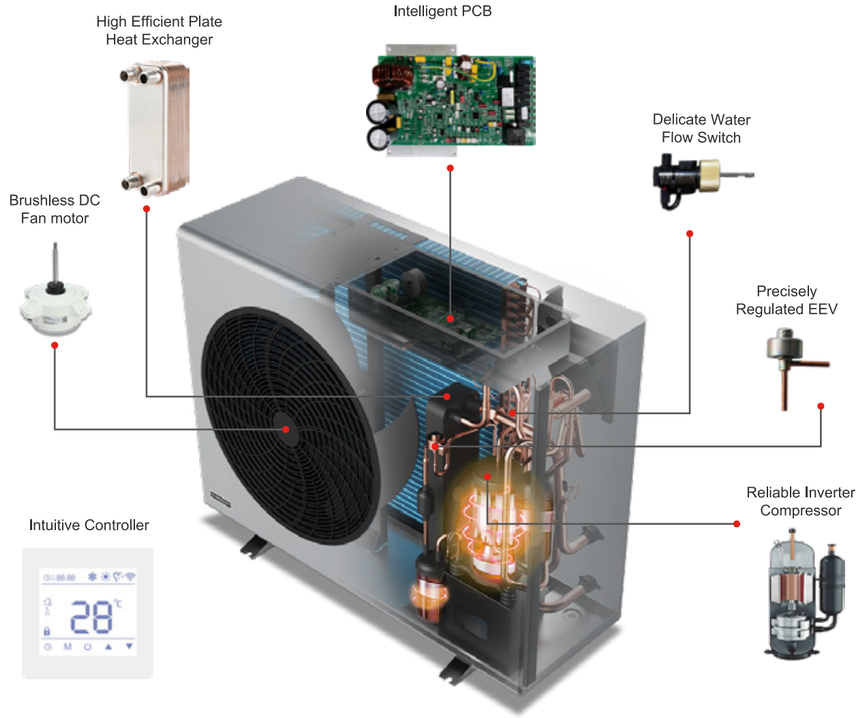
Optional model range 3.5KW or 5.6KW
Low noise operation
Operating temperature range: 10℃-36℃
More economical, more electric saving
Simple and flexible

HOT WATER

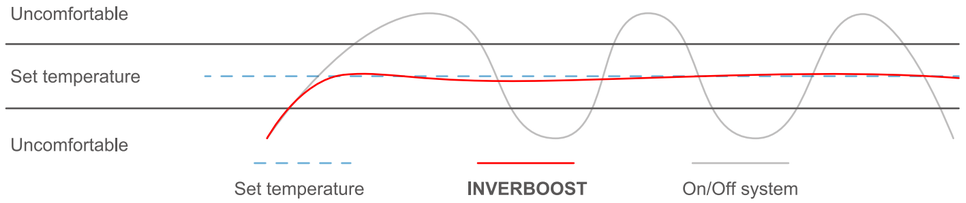
Always ready up to 55℃

INVERBOOST technology since 2013

- Excellent reliability proved by professional market
- Best combination of performance and silence
- Perfect customer experience for all seasons
- 10 years of development & improvement



Zealux INVERBOOST air-to-water heat pump can intelligently adjust its working according to the real-time heat/cool demand, maximizing energy efficiency.



With the most advanced energy-saving INVERBOOST technology, ZEALUX air/water heat pumps could reach the highest level of energy efficiency in the market and achieve great savings on energy consumption, reducing energy bills significantly for customers.

LOW TEMPERATURE OPERATION

Stable working down to -25℃, maintaining high efficiency and reliability.

GREEN GAS R32

Eco-friendly with low GWP value, it contributes to your low carbon life.

ARTISTIC DESIGN

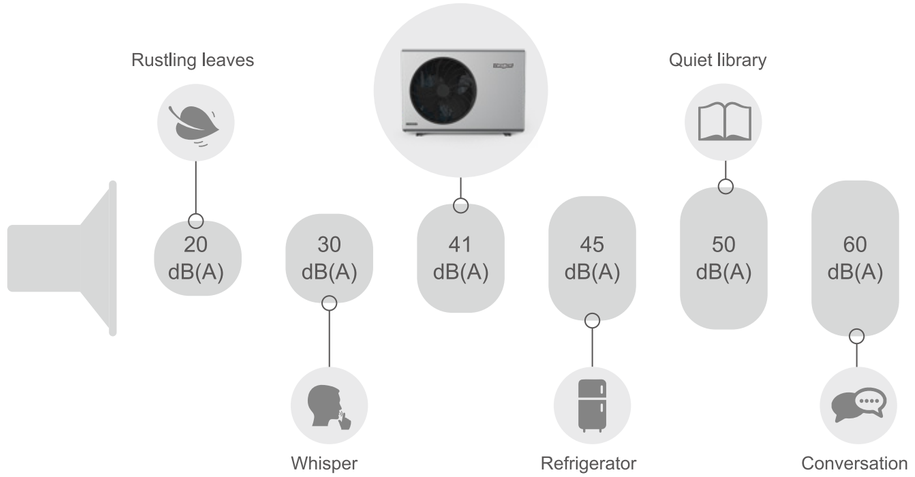
Modern and hidden-screw Aluminum cabinet

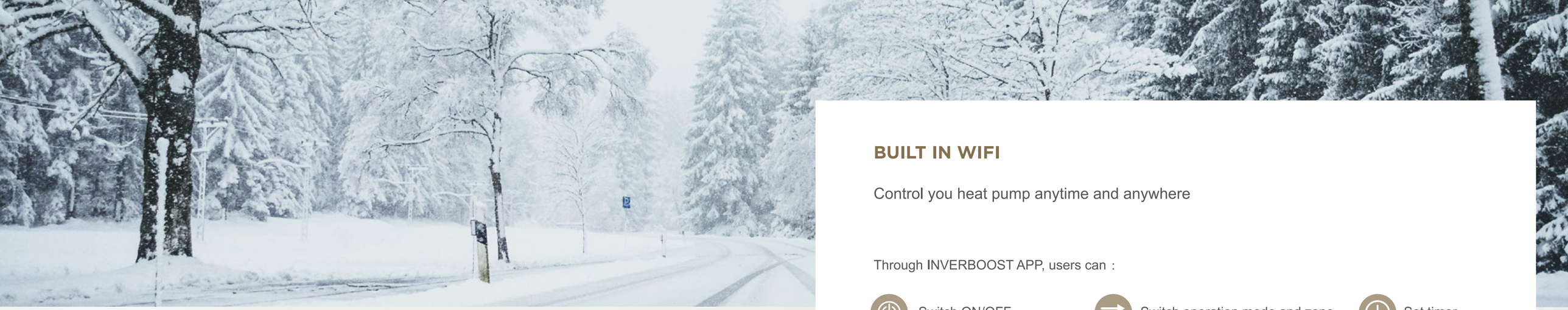
41 dB(A)

SILENT WORK

Thanks to its noise reduction design, ZEALUX INVERBOOST air/water heat pump could work quietly with low operation noise down to 41 dB(A), creating more relaxing environment without disturbing you or your neighbors.

INVERBOOST HEAT PUMP SYSTEM





INTELLIGENT CONTROLLER

- Color screen and touch control
- Intuitive and accurate data
- Multi-functional, ensuring comfort and energy saving
- Convenient for users to control the entire heating and cooling system

BUILT IN WIFI

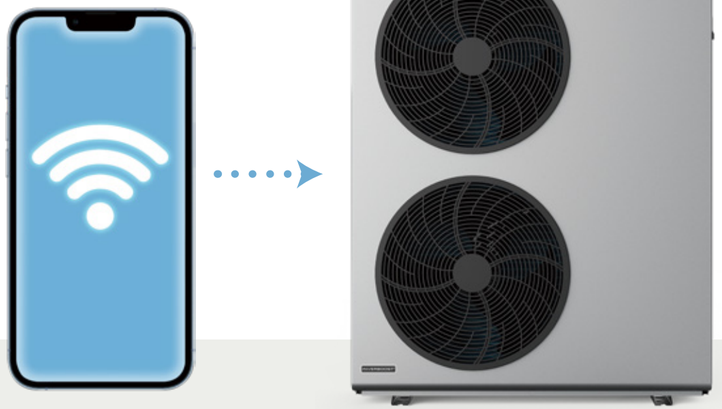
Control you heat pump anytime and anywhere

Through INVERBOOST APP, users can：

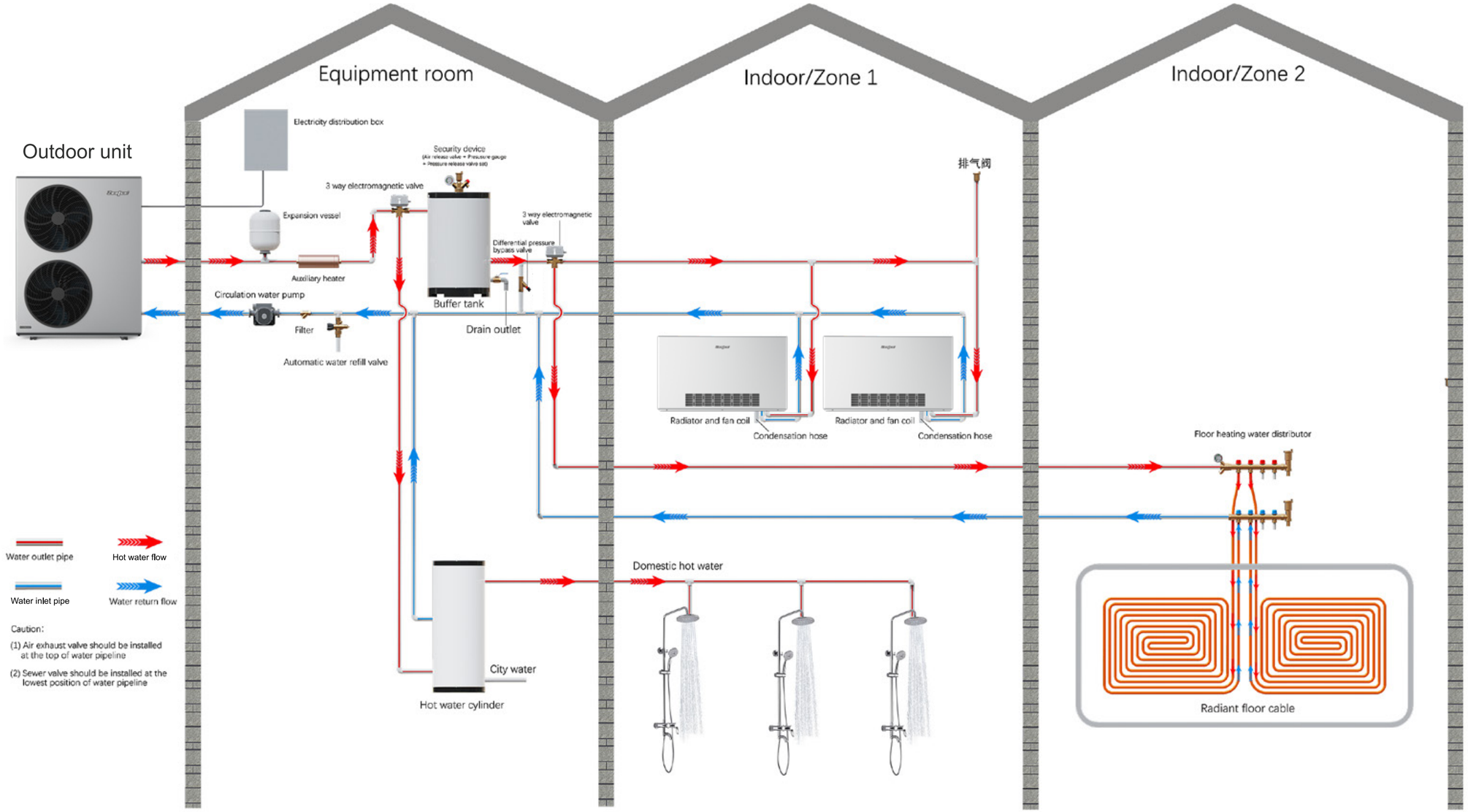
- Switch ON/OFF
- Switch operation mode and zone
- Set timer
- Set temperature and data
- Check the running state of heat pump

Google Play Apple Store

*Language options
English, German, Swedish,
French, Spanish, Italian,
Czech, Polish, Russian, Chinese



Single circulation heating+dual zones (floor heating) hot water pipeline connection diagram



ZEALUX INVERBOOST
air to water heat pump

Zealux model			XAH07Csi32	XAH10Csi32	XAH12Csi32	XAH16Csi32	XAH19Csi32	XAH16Csi32T	XAH19Csi32T	XAH26Csi32T
Heating capacity range		kW	9.5-3.6	14-4.8	16-5.6	21.6-9.1	25-10.8	21.6-9.1	25-10.8	35-11.2
Suggested space heating area		m²	72-105	116-145	170-280	186-235	220-270	186-235	220-270	300-396
Suggested water tank			50L	80L	80L	80L	100L	80L	100L	150L
Heating at Air -7℃, Water 30/35℃	Heating capacity	kW	5.85	8.40	10.20	14.85	17.55	14.85	17.55	23.84
	Power input	kW	1.94	2.76	3.38	5.09	5.93	5.09	5.93	8.16
	COP		3.02	3.03	3.02	2.92	2.96	2.92	2.96	2.92
Heating at Air -7℃, Water 40/45℃	Heating capacity		5.75	8.03	10.00	14.83	17.37	14.83	17.37	23.36
	Power input	kW	2.28	3.15	3.97	6.01	6.98	6.01	6.98	9.46
	COP		2.52	2.55	2.52	2.47	2.49	2.47	2.49	2.47
Heating at Air -7℃, Water 50/55℃	Heating capacity	kW	4.72	6.50	8.20	12.60	14.92	12.60	14.92	23.02
	Power input	kW	2.32	3.19	4.04	6.33	7.38	6.33	7.38	11.33
	COP		2.03	2.04	2.03	1.99	2.02	1.99	2.02	2.03
Heating at Air 7℃, Water 30/35℃	Turbo heating capacity	kW	7.35	10.50	12.50	16.50	19.50	16.50	19.50	26.64
	Heating capacity	kW	5.88	8.42	10.25	14.85	17.64	14.85	17.64	23.97
	Power input	kW	1.23	1.73	2.15	3.20	3.74	3.20	3.74	5.10
	COP		4.79	4.86	4.76	4.64	4.72	4.64	4.72	4.70
Heating at Air 7℃, Water 40/45℃	Turbo heating capacity	kW	7.20	10.25	12.25	16.20	19.21	16.20	19.21	26.39
	Heating capacity	kW	5.76	8.25	9.80	14.76	17.29	14.76	17.29	23.48
	Power input	kW	1.50	2.15	2.54	3.86	4.48	3.86	4.48	6.08
	COP		3.84	3.84	3.86	3.82	3.86	3.82	3.86	3.86
Heating at Air 7℃, Water 50/55℃	Turbo heating capacity	kW	5.44	8.86	10.63	14.20	19.43	14.20	19.43	24.87
	Heating capacity	kW	4.90	7.50	8.71	13.80	16.32	13.80	16.32	21.14
	Power input	kW	1.57	2.57	2.77	4.29	5.13	4.29	5.13	6.61
	COP		3.12	2.92	3.15	3.22	3.18	3.22	3.18	3.20
Cooling at Air 35℃, Water 12/7℃	Cooling capacity	kW	4.65	7.18	8.36	13.42	15.67	13.42	15.67	20.30
	Power input	kW	1.74	2.70	3.01	4.84	5.56	4.84	5.56	7.05
	EER		2.67	2.66	2.78	2.77	2.82	2.77	2.82	2.84
General data										
Compressor type			Inverter compressor							
Power supply		V	220v-240v/ 50Hz or 60Hz/ 1PH					380v/ 50Hz/ 3PH		
Max power input		kW	3.34	3.89	5.43	6.51	7.32	6.37	7.32	10.65
Max current		A	14.5	16.9	23.6	28.3	31.8	11.4	13.1	19.1
Rated current		A	8.6	12.2	15.0	22.6	26.3	9.1	10.6	15.2
Minium fuse current		A	18.0	25.0	30.0	46.0	53.0	19.0	22.0	31.0
Suggested water flux		m³/h	1.2	1.7	2.1	2.8	3.3	2.8	3.3	4.6
Water pressure loss		Kpa	30	30	35	40	45	40	45	50
Heat exchanger			Plate exchanger							
Water connection			G1"	G1"	G1"	G1"	G1"	G1"	G1"	G1"
No. Of fan			1	1	1	2	2	2	2	2
Ventilation type			Horizontal							
Fan speed		RPM	550-850							
Net weight		kg	66	78	89	109	119	109	119	141
Gross weight		kg	75	88	99	124	134	124	134	161
Net dimension		mm	1052*400*720	1076*405*860	1076*405*860	1052*425*1260	1052*425*1260	1052*425*1260	1052*425*1260	1076*445*1420
Packing dimension		mm	1080*485*860	1105*490*1000	1105*490*1000	1080*505*1405	1080*505*1405	1080*505*1405	1080*505*1405	1105*525*1565