



FOSHAN CITY SHUNDE YUELLY ENERGY-SAVING EQUIPMENT CO.,LTD

☎ 86-757-22667216 🌐 www.yuelly.com ✉ yuelly@yuelly.com

📍 c zone no. 3 zhanye road, honggang industry, daliang,
shunde, foshan city, guangdong province, china

HEAT PUMP EXPERT

Providing Best Solution for you



**Heating And Cooling
Products**



**Hot Water
Products**

About us

Yuelly was founded in 2008, which is specialized in developing, manufacturing and providing technology and products with comprehensive energy-saving solutions.

Yuelly is one of the professional heat pump manufacturers in China, we have adhered to the development direction of green environmental protection and innovative technology in past 16 years, we committed to provide efficient and environmentally friendly energy products and solutions for all our customers. We have a complete heat pump industry chain, our products include Swimming Pool Heat Pump, Heating/Cooling Products, Hot Water Heat Pump, Dehumidifier, etc. Our heat pumps are manufactured in accordance with the standards EN 14511, EN 14825, EN 12102, we have also achieved with Keymark, ERP, ROHS, TÜV, CE, ISO certificates. We cooperate with famous component companies such as Panasonic, Caleffi, Grundfos, SWEP, NIDEC, etc. to ensure our products with the highest quality.

“ Provide with Best Quality Product and Service” is our business concept, we will keep developing to create value for you through innovative technology and best quality.



CONTENT



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Heating And Cooling Products



07

Hot Water Products



FEATURES:

- Natural Refrigerant, GWP=3
- Noise lower to 45dB(A)
- Energy efficient class A+++
- Wide Operating Temperature Range- can operate under -35°C
- Innovative Design-make the heat pump a unique character, not only with functional value but also with aesthetic value
- Smart Control System- Can operate multiple devices with a single controller
- EVI Technology
- DTU Module and IOT Application



Caleffi Exhaust Valve



Plate Heat Exchanger



Branded Compressors



Panasonic.Nidec DC-Inverter fan motor

Famous brand for water pump (option)



Grundfos



Shimge



Wilo

EDM-R290

HEAT PUMP



TECHNICAL DATA

MODEL		R290	EDM9008	EDM9010	EDM9010S	EDM9016S	EDM9020S	EDM9030S
Power Supply		V/Ph/Hz	220-240/1/50	220-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50
A7/W35	Nominal heating capacity	kW	8.2	10.0	10.0	16.0	20.0	30.0
	Nominal power consumption	kW	1.7	2.1	2.1	3.3	4.2	6.3
	COP	W/W	4.90	4.80	4.80	4.80	4.70	4.80
	Heating capacity Min./Max.	kW	3.2~11.5	4.00~15.5	4.0~15.5	6.30~22.0	8.3~29.1	7.2~34.3
A7/W55	Nominal heating capacity	kW	8.0	10.0	10.0	16.0	20.0	30.0
	Nominal power consumption	kW	2.6	3.3	3.3	5.2	6.5	9.4
	COP	W/W	3.10	3.00	3.00	3.10	3.08	3.20
	Heating capacity Min./Max.	kW	4.2~10.3	5.4~16.0	5.4~16.0	7.9~20.2	10.9~29.1	8.3~34.3
A35/W18	Nominal cooling capacity	kW	8.0	11.0	11.0	16.0	24.0	30.0
	Nominal power consumption	kW	2.0	2.7	2.7	4.4	6.2	7.7
	EER	W/W	4.0	4.1	4.1	3.6	3.8	3.9
	Cooling capacity Min./Max.	kW	3.4~11.0	5.0~16.0	5.0~16.0	6.9~22	10.5~27.2	11.0~31.0
A35/ W7	Nominal cooling capacity	kW	6.5	10.0	10.0	14.0	19.0	23.5
	Nominal power consumption	kW	2.2	3.4	3.4	5.8	6.3	7.8
	EER	W/W	3.0	2.9	2.9	2.4	3.0	3.0
	Cooling capacity Min./Max.	kW	2.7~9.0	3.9~13.0	3.9~13.0	5.2~17.5	7.6~19.0	8.2~23.5
Water Side Heat Exchanger	Type	-	Plate					
	Water pressure drop	kPa	17	25	25	30	40	45
	Piping connection	-	G1"	G1"	G1"	G1"	G1-1/4"	G1-1/4"
Fan	Type	-	DC	DC	DC	DC	DC	DC
	Quantity	-	1	1	1	2	2	2
	Rated airflow	m3/h	3600	4500	4500	5500	10000	12000
Sound power level		dB	60	62	62	64	68	71
Rated power consumption		kW	5.1	6.9	7.8	10.5	12.8	15.0
Rated current		A	22.0	30.0	16.5	22.0	21.0	25.0
Compressor	Type-Quantity/System	-	Twin Rotary-1	EVI Twin Rotary-1	EVI Twin Rotary-1	Twin Rotary-1	EVI Twin Rotary-1	EVI Twin Rotary-1
Available external presurre head		m	7.3	6.5	6.5	7.5	5	5
Nominal flow of heating medium		m3/h	1.4	1.7	1.7	2.7	3.4	5.1
Minimum heating medium flow		m3/h	0.6	0.7	0.7	1.2	1.7	2.6
Operating temperature range	Heating/DHW	°C	-25~45					
	Cooling	°C	5~45					
	Heating	°C	15~75					
LWT range	Cooling	°C	5~25					
	DHW	°C	15~70					
	Refrigerant	GWP	3					
Unit dimension (WxDxH)		mm	1100×470×840	1100×470×980	1100×470×980	1100×440×1378	1250×450×1580	1250×450×1580
Net weight		kg	120	170	170	210	215	230
20' /40'			44/96	30/64	30/64	22/48	15/32	15/32

* The final specs will be in accordance with the specs on the product .

FEATURES:

- Apart from the heat pump unit, it is an integration of all main components, including water pump, valves, filters, constant pressure water replenishment device, electric control cabinet, etc
- Compact Design and Smart Wire Controller
- Easy and Flexible Installation

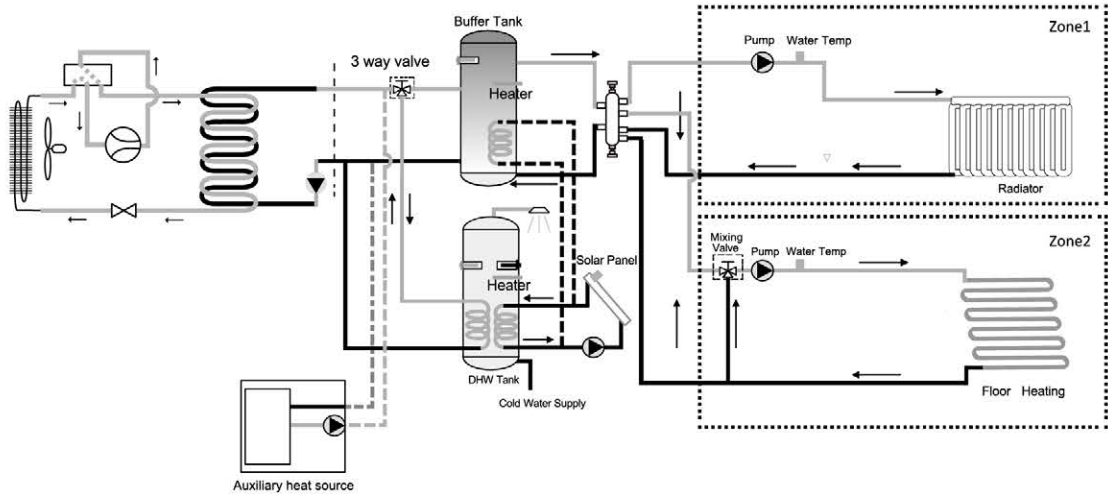
HYDRONIC MODULE-IDU

MAKE THE HEAT PUMP
INSTALLATION EASY



TECHNICAL DATA

MODEL		IDU2008	IDU2009
Power Supply	V/Ph/Hz	220-240/1/50	380-415/3/50
Function	-	Heating Cooling and DHW Dual Zone Control Optional	
Display	-	Capacitive touch panel	
Water Temp.Operating Range	°C	15~75	15~75
Sound Power level (EN12102)	dB (A)	49	49
Unit Dimension(H/W/D)	mm	670x490x300	670x490x300
Net Weight	kg	49	50
Water Piping connections	Heat pump water supply pipe	G1"	G1"
	Heat pump water rerurn pipe	G1"	G1"
	Building heating water supply pipe	G1"	G1"
	Building heating water return pipe	G1"	G1"
	DHW water supply pipe	G1"	G1"
	DHW water return pipe	G1"	G1"
	Water make-up pipe	G3/4"	G3/4"
	Drainage pipe	G3/4"	G3/4"
Max. Water Pressure	bar	3	3
Water Circulation pump	-		Optional
Magnetic cleaner	-		Optional
Water make-up valve	-		Optional
Expansion vessel	L	10	10
Max. circulation pump head	m	12	12
Auxiliary electric heater	kW	3	3+6



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FEATURES:

- R32 Refrigerant: Eco-friendly
- Noise lower to 45dB(A)
- Energy efficient class A+++
- Outlet Water Temperature up to 60°C
- Full DC Inverter EVI Technology and Innovative Design
- Intelligent Control System, easy operation



Caleffi Exhaust Valve



Plate Heat Exchanger



Branded Compressors



Panasonic.Nidec DC
-Inverter fan motor

Famous brand for water pump (option)



Grundfos



Shimge



Wilo

EVR-R32

HEAT PUMP



TECHNICAL DATA

MODEL		R32	EVR3010	EVR3018	EVR3018S	EVR3024S	EVR3030S	EVR3040S
Power Supply		V/Ph/Hz	220-240/1/50	220-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50
A7/W35	Nominal Heating Capacity	KW	10.0	18.0	18.0	24.0	30.0	40.0
	Nominal Heating Power Input	KW	2.1	4.0	4.0	5.4	6.6	8.5
	COP EN14511-2	W/W	4.80	4.50	4.50	4.44	4.50	4.70
	Heating Capacity Min./Max.	KW	4.75~12.5	8.8~22.5	8.8~22.5	11.7~31.0	13.5~32.0	18.0~52.0
A7/W55	Nominal Heating Capacity	KW	10.0	18.0	18.0	24.0	30.0	40.0
	Nominal Heating Power Input	KW	3.3	6.1	6.1	8.2	10.0	13.1
	COP EN14511-2	W/W	3.00	2.92	2.92	2.90	3.00	3.05
	Heating Capacity Min./Max.	KW	4.5~12.0	9.1~18.8	9.1~21.5	12.6~32.0	10.5~35.0	17.6~56.0
A35/W18	Nominal Cooling Capacity	KW	9.0	18.0	18.0	22.0	24.0	40.0
	Nominal Cooling Power Input	KW	2.4	4.9	4.9	5.5	6.6	9.9
	EER	W/W	3.8	3.6	3.6	4.0	3.9	4.0
	Cooling Capacity Min./Max.	KW	4.4~10.5	8.9~20.2	8.9~24.0	12.6~30.6	10~33.5	21.0~52.0
A35/W7	Nominal Cooling Capacity	KW	8.5	18.0	18.0	20.0	24.0	38.0
	Nominal Cooling Power Input	KW	3.2	7.5	7.5	6.9	8.4	12.9
	EER	W/W	2.6	2.4	2.4	2.9	2.8	2.9
	Cooling Capacity Min./Max.	KW	3.5~9.0	7.1~16.9	7.1~20.0	10.5~23.1	7.5~26.3	16.0~40.0
Seasonal space heating energy efficiency class	LWT at 35°C	-	A+++	A+++	A+++	A+++	A+++	A+++
		-	A++	A++	A++	A++	A++	A++
Compressor		Type-Quantity	-	Rotary- 1	Rotary- 1	Rotary- 1	Rotary- 1	Rotary- 2
Fan	Type	-	DC	DC	DC	DC	DC	DC
	Quantity	-	1	2	2	2	2	2
	Airflow	m3/ h	3500	6000	6000	11000	11000	15500
	Rated Power	w	120	2×120	2×120	2×200	2×200	2×250
Sound power level		dB	64	66	66	70	71	74
Water Side Heat Exchanger	Type	-				Plate		
	Water Pressure Drop	kPa	20	40	40	45	45	50
	Piping Connection	-	G1"	G1"	G1"	G1-1/4"	G1-1/4"	G1-1/2"
Nominal Water Flow		m3/h	1.7	3.1	3.1	4.1	5.2	6.9
Available Water Pump head@Nominal Water		m	6.5	6.0	6.0	6.0	5.0	N/A
Operating Temperature range	Heating	°C				-25~43		
	Cooling	°C				5~43		
	DHW	°C				-25~43		
	Heating	°C				15~60		
LWT range	Cooling	°C				5~20		
	DHW	°C				15~55		
		°C						
Refrigerant	Type	-				R32		
	GWP	-				675		
Operation Pressure	Low Side	Mpa	2.1	2.1	2.1	2.1	2.1	2.1
	High Side	Mpa	4.4	4.4	4.4	4.4	4.4	4.4

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FEATURES:

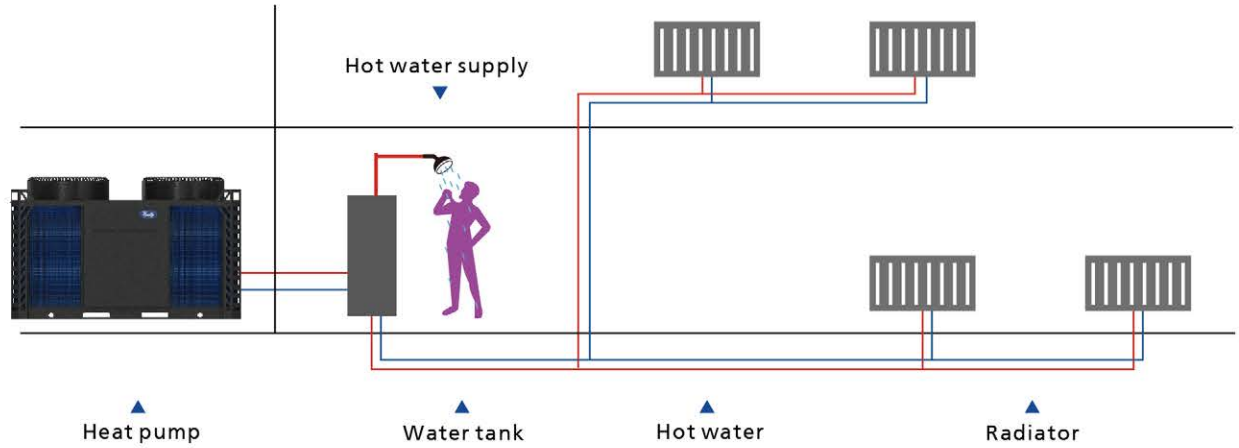
- R410A Refrigerant, Environmental friendly
- High Efficiency: Adequate heat transfer area ensures the high COP and performance
- Outlet Water Temperature up to 70°C
- Multiple Protections: the multiple protective design ensures the system with long service life and stable operation, including high/low pressure protection, high voltage/current protection, high temperature protection, frosting protection and anti-freeze protection
- Low Noise, Defrost automatically
- Wide Application: Operation ambient temperature -7°C~43°C, can be used for hotel, hospital, school, factory and so on
- With RS485 communication connection, can communicate via Modbus

HNC-COMMERCIAL
HOT WATER



TECHNICAL DATA

MODEL	R410A	HNC405S	HNC406S	HNC410S	HNC412S	HNC420S	HNC425S
Operating air temperature				-7°C~43°C			
Operating water temperature				5°C~60°C			
Functional selection				Hot water			
Power Supply	V/Hz/Ph			Air 20°C / 15°C, Water 15°C to 55°C			
Heating Capacity	kw	18.0	21.6	36.0	43.2	72.0	86.4
Hot water	L/h	387	464	774	929	1548	1857
Power Input	kw	3.9	4.6	7.7	9.2	15.5	18.7
Current	A	6.9	8.3	13.8	16.5	27.8	33.3
COP	W/W	4.68	4.68	4.68	4.68	4.63	4.63
Heating condition				Air 7°C / 6°C, Water 30°C / 35°C			
Heating Capacity	kw	15.0	18.0	30.0	36.0	60.0	72.0
Power Input	kw	3.5	4.2	7.0	8.4	14.1	16.9
Current	A	6.3	7.6	12.6	15.1	25.2	30.3
COP	W/W	4.25	4.25	4.25	4.25	4.25	4.25



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FEATURES:

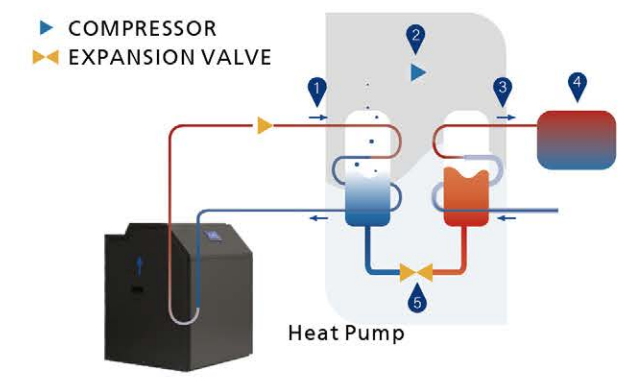
- R32 Refrigerant: Eco-friendly
- Noise lower to 40dB(A)
- Outlet Water Temperature up to 80°C
- High efficiency with branded compressor and expansion valve
- Wide Application: Residential Hot Water/Heating/Cooling
- Intelligent Control System, easy operation

HW-R32
GEOTHERMAL HEAT PUMP



TECHNICAL DATA

MODEL	R32	HW040S	HW050S	HW060S	HW150S	HW300S	HW500S
power supply	V/Hz/Ph	380~420/50/3					
Sourcing water inlet Temp 20°C, User's side water inlet/outlet, 40°C/45°C							
Heating Capacity	kw	13.7	17.1	22.9	50	104	171
Power Input	kw	3.0	3.7	5.0	11.0	22.8	37.1
COP	W/W	4.60	4.58	4.59	4.60	4.56	4.60
Sourcing water inlet Temp 10°C, User's side water inlet/outlet, 40°C/45°C							
Heating Capacity	kw	10.9	13.6	18.2	40	83	136
Power Input	kw	2.7	3.4	4.6	10.1	21.0	34.1
COP	W/W	3.37	3.95	3.96	3.98	3.94	3.98
Sourcing water inlet Temp 0°C, User's side water inlet/outlet, 40°C/45°C							
Heating Capacity	kw	9.2	11.5	15.4	34	70	115
Power Input	kw	2.7	3.4	4.6	10.1	21.0	34.1
COP	W/W	3.37	3.35	3.36	3.37	3.34	3.37
Sourcing water inlet Temp 30°C, User's side water inlet/outlet, 12°C/7°C							
Cooling capacity		9	11	15	33	68	112
Power Input		2.7	3.4	4.5	9.9	20.6	33.6
EER		3.3	3.3	3.3	3.3	3.2	3.3
Rated running current	A	5.3	6.6	8.9	19.6	40.7	66.3
Water temp.setting(heating)	A	15-50					
Water temp.setting(cooling)	°C	8-28					
Max outlet water temp	°C	55					
Water Connection	inch	G1*	G1*	G1*	G2*	D N 110 FLANGE	D N 110 FLANGE
Sound Pressure Level	db(A)	<41	<42	<42	<45	<55	<57



- 1/The ground loop transfers ground energy to a refrigerant,in the heat pump
- 2/Increasing the pressure raises the temperature
- 3/Heat is transferred to the heating water
- 4/Heat is transferred to the room by radiators or underfloor-heating Heat is transferred to the heating water
- 5/The refrigerant expands causing it to cool

* The final specs will be in accordance with the specs on the product .

FEATURES:

- R290 Refrigerant, Environmental friendly
- Outlet Water Temperature up to 75 °C
- Hi-efficient heat pump with specialized compressor and evaporator
- Micro-channel heat exchanger, provide high performance
- Separating the water from electricity or any other hazard material, more safety
- Innovative design with less installation space, easy installation & maintenance
- Smart Wifi Control

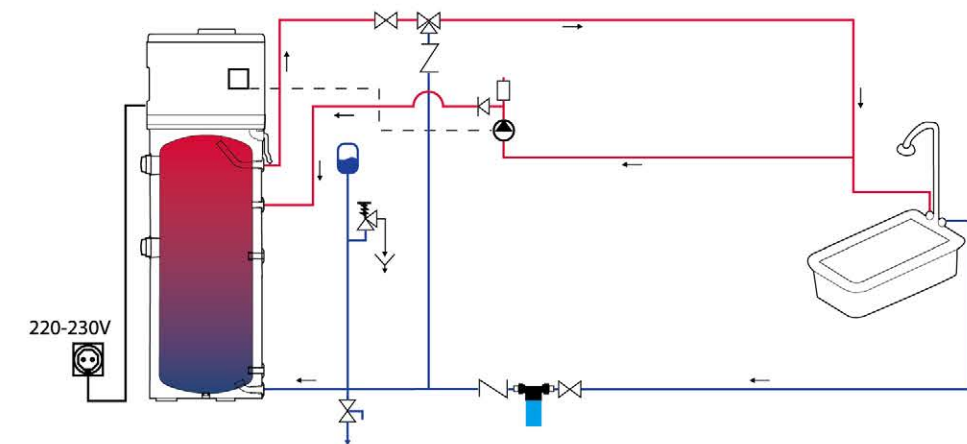
HNG-R290

ALL IN ONE HIGH TEMP WATER HEATER



TECHNICAL DATA

MODEL	R290	HNG909	HNG915
Power supply	V/ Ph/ Hz	230/1/50	230/1/50
Heating capacity	W	900	1500
Water tank volume	L	100	200
Power input	W	245	410
Heating current	A	1.1	1.8
Auxiliary heating	KW	1.5	1.5
Rated power input	KW	1.92	2.3
Hot water temperature range	°C	30~75	
Operating temperature range	°C	-15~43	
Refrigerant type	-	R290	
Refrigerant charge	g	150	
Water proof level	-	IPX4	
Isolation	-	I	
Air flow direction	-	On the side	
Water tank max water pressure	Mpa	1.0	
Operation pressure (low side)	Mpa	1.3	
Operation pressure (high side)	Mpa	3.2	
Water inlet/outlet pipe	-	G 1/2"	G 3/4"
Unit dimension	mm	570X1600	570X1830
Packing dimension	mm	710X680X1700	710X680X1930
Net weight	KG	70	99
Gross weight	KG	78	110



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