



Heat pumps
Three services



WELLEA WT SPLIT HEAT PUMP WITH DHW TANK INCLUDED



MADE IN EUROPE



PEP
eco
PASS
PORT®



WELLEA WT
with DHW tank included



WELLEA
ODU 4-8kW



WELLEA
ODU 10-16kW

+ PRODUCTS

- Available with R32 from 4 to 10kW and R410A from 12 to 16kW
- Refrigerant connections; no need for antifreeze protection
- Compact outdoor unit
- Compatible with all types of emitter
- Hot water tank included (190L or 280L)

THE «SUSTAINABLE DEVELOPMENT»

→ High energy class A+++

THE «USER»

- Compatible with all emitters
- Great flexibility of use
- Perfect for replacing an oil or gas burner
- Integrated hot water tank

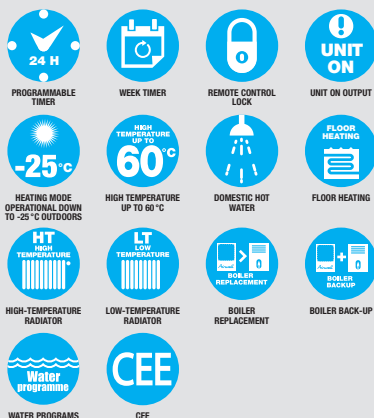
THE «INSTALLER»

→ Customisable water program, allowing the entire heating circuit to be managed using the many available connections

THE «TECHNOLOGY»

- Operates at outdoor temperatures down to -25°C
- HP Keymark certified

FEATURES



ECONOMIC: HOT SANITARY WATER THANKS TO SOLAR ENERGY




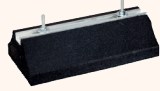



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WELLEA WT TECHNICAL DATA







Outdoor unit			AW-YHPS 04-H91	AW-YHPS 06-H91	AW-YHPS 08-H91	AW-YHPS 10-H91	PAC-BT- UE-12kW- H11	PAC-BT- UE-12kW- H13	PAC-BT- UE-14kW- H11	PAC-BT- UE-14kW- H13	PAC-BT- UE-16kW- H11	PAC-BT- UE-16kW- H13
Part number			7HP061060	7HP061061	7HP061062	7HP061063	7HP061030	7HP061029	7HP061032	7HP061031	7HP061034	7HP061033
Phase			Single phase	Single phase	Single phase	Single phase	Single phase	Three phase	Single phase	Three phase	Single phase	Three phase
HEATING MODE												
Air +7°C Water 30/35°C	Heating capacity	kW	4.49	6.32	8.37	10.26	12.35	12.16	14.48	14.16	15.63	15.77
	Power input	kW	0.90	1.32	1.72	2.19	2.71	2.54	3.49	2.91	3.75	3.28
	COP		5.01	4.79	4.87	4.68	4.56	4.79	4.15	4.87	4.17	4.81
Air -7°C Water 30/35°C	Heating capacity	kW	4.59	5.55	6.46	8.02	9.87	9.76	10.92	11.32	12.08	12.06
	Power input	kW	1.50	1.91	2.13	2.69	3.47	3.32	4.01	3.90	4.47	4.14
	COP		3.07	2.90	3.04	2.98	2.84	2.94	2.72	2.90	2.70	2.91
Air +7°C Water 40/45°C	Heating capacity	kW	4.14	6.09	8.02	10.30	12.26	12.22	15.05	14.64	15.48	16.44
	Power input	kW	1.12	1.66	2.10	2.81	3.40	3.35	4.40	3.86	4.81	4.42
	COP		3.70	3.66	3.82	3.67	3.61	3.65	3.42	3.79	3.22	3.72
Air +7°C Water 47/55°C	Heating capacity	kW	4.09	5.76	7.60	9.43	11.60		13.50		14.90	
	Power input	kW	1.44	1.93	2.44	3.14	4.08		4.26		4.67	
	COP		2.84	2.98	3.11	3.00	2.84		3.17		3.19	
COOLING MODE												
Air 35°C Water 12/7°C	Cooling capacity	kW	4.56	6.17	7.39	9.06	11.27	11.34	12.94	14.15	13.29	15.53
	Power input	kW	1.31	1.92	2.37	3.01	4.33	4.25	5.33	5.14	5.63	5.71
	EER		3.49	3.21	3.12	3.01	2.60	2.67	2.43	2.75	2.36	2.72
Air 35°C Water 23/18°C	Cooling capacity	kW	4.63	6.79	8.53	9.73	11.74	11.39	13.64	14.34	14.38	15.40
	Power input	kW	0.89	1.32	1.71	2.00	2.73	2.59	3.43	3.10	3.71	3.56
	EER		5.21	5.14	5.00	4.87	4.30	4.40	3.98	4.63	3.88	4.33
PERFORMANCES												
Energy label (average climate)	Water outlet to 35°C	class	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++
	Water outlet to 55°C	class	A++	A++	A++	A++	A++	A++	A+	A++	A+	A++
SCOP (average climate)	Water outlet to 35°C		4.76	4.89	4.96	5.04	4.46	4.48	4.01	4.23	4.02	4.30
	Water outlet to 55°C		3.37	3.37	3.40	3.56	3.30	3.31	3.11	3.36	3.06	3.39
Sound power level		dB(A)	61	62	63	65	69		70		70	
OPERATING LIMITS												
Outdoor temperature	Cooling	°C	-5/53				-5/46					
	Heating	°C	-25/36				-20/35					
	DHW	°C	-25/43				-20/43					
POWER SUPPLY												
Phase/Voltage/Frequency			1P/220-240V/50Hz				1P/220- 240V/50Hz	3P/380- 415V/50Hz	1P/220- 240V/50Hz	3P/380- 415V/50Hz	1P/220- 240V/50Hz	3P/380- 415V/50Hz
Max. current	A		11.30		16.70	31.10	9.00	32.30	11.00	35.10	11.50	
INSTALLATION & OTHERS												
Airflow	m³/h		2860		4750	6250						
Refrigerant	Type/GWP		R32/675				R410A/2088					
	Charge	kg	1,55		1,65	3.9	4.2	3.9	4.2	3.9	4.2	
	Additional charge	g/m	20		38	54						
Outline dimensions (WxHxD)	mm		960x860x380		1075x965x395	900x1327x400						
Package dimensions (WxHxD)	mm		1040x1000x430		1120x1100x435	1030x1457x435						
Net weight/Gross weight	kg		57/68		67/79	99/112	115/126	99/112	115/126	99/112	115/126	
Pipe diameter (liquid - gas)	inches		1/4 - 5/8		3/8 - 5/8	3/8 - 5/8						
INDOOR UNIT DATA												
Indoor unit			AW-WHPST0410-N91				PAC-BTE-UI-10-16kW-H11					
Part number			7HP010012				7HP010006					
Phase			Single phase				Single phase					
TANK												
Capacity	l		190				280					
Electric heater	kW		2.00				2.00					
POWER SUPPLY												
Phase/Voltage/Frequency			1P/220-240V/50Hz				1P/220-240V/50Hz					
Max. current	A		9.20				10.10					
INSTALLATION & OTHERS												
Outline dimensions (WxHxD)	mm		600x1774x610				600x2040x800					
Net weight/Gross weight	kg		167/185				190/200					

ALL HEAT PUMPS ACCESSORIES

PART NUMBER	NAME	FUNCTION
(included)	Y-shape filter 	Protect the heat pump from sludging and preserve optimum thermal exchange.
7ACFH0663	Buffer tank 140 L	It protects the heat pump against short cycles that can reduce the useful life of the compressors and improves operation during defrosting phases.
 7ACFH0666	Settling filter (pot) 	Protect the heat pump from sludging and preserve optimum thermal exchange.
 7ACTL0510	Floor support rubber recycled (pair)  Length: 1 000 mm	Necessary for a professional installation.

 Mandatory accessory.

ACCESSOIRES WELLEA WT

PART NUMBER	NAME	FUNCTION
 7ACFH0825	Electrical complement kit 2/4/6kW (recommended)	Allows to ensure additional heating via electrical resistance.
 7ACEL1757	Boiler backup kit	Allows to connect a boiler (fuel, gas, wood...).
7ACFH0830	Auxiliary condensate collection tray	Complementary condensate tray, to increase the maximum condensate recovery volume.
 7ACEL1732	RCW15 Thermostat (power supply mandatory)	Temperature and humidity thermostat / Remote keyboard / weekly timer.
7ACEL1733	Power supply for RCW15	Power supply kit for RCW15.
7ACFH0826	Kit bi-zone 1 temperature	Allows to manage two different zones with the same temperature.
7ACFH0827	Kit bi-zone 2 temperatures	Allows to manage two different zones with two temperatures.
7ACEL1750	Solar connection option for DHW tank  (for solar version)	Solar connection kit allowing the connection with solar thermal panels.
7ACFH0831	8 liters expansion vessel kit  (for DHW Version)	Safety element for compensating variations of water volume.
 7ACEL1749	Auxiliary DHW tank 280L	Allows to increase the tank capacity of DHW.
7ACFH0833	500L DHW tank with coil for solar applications	DHW tank with coil for solar applications (500L).

 Mandatory accessory.

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