



A greener approach to heating your home

PRODUCT BROCHURE Air Source Heat Pumps



Heating | Hot Water

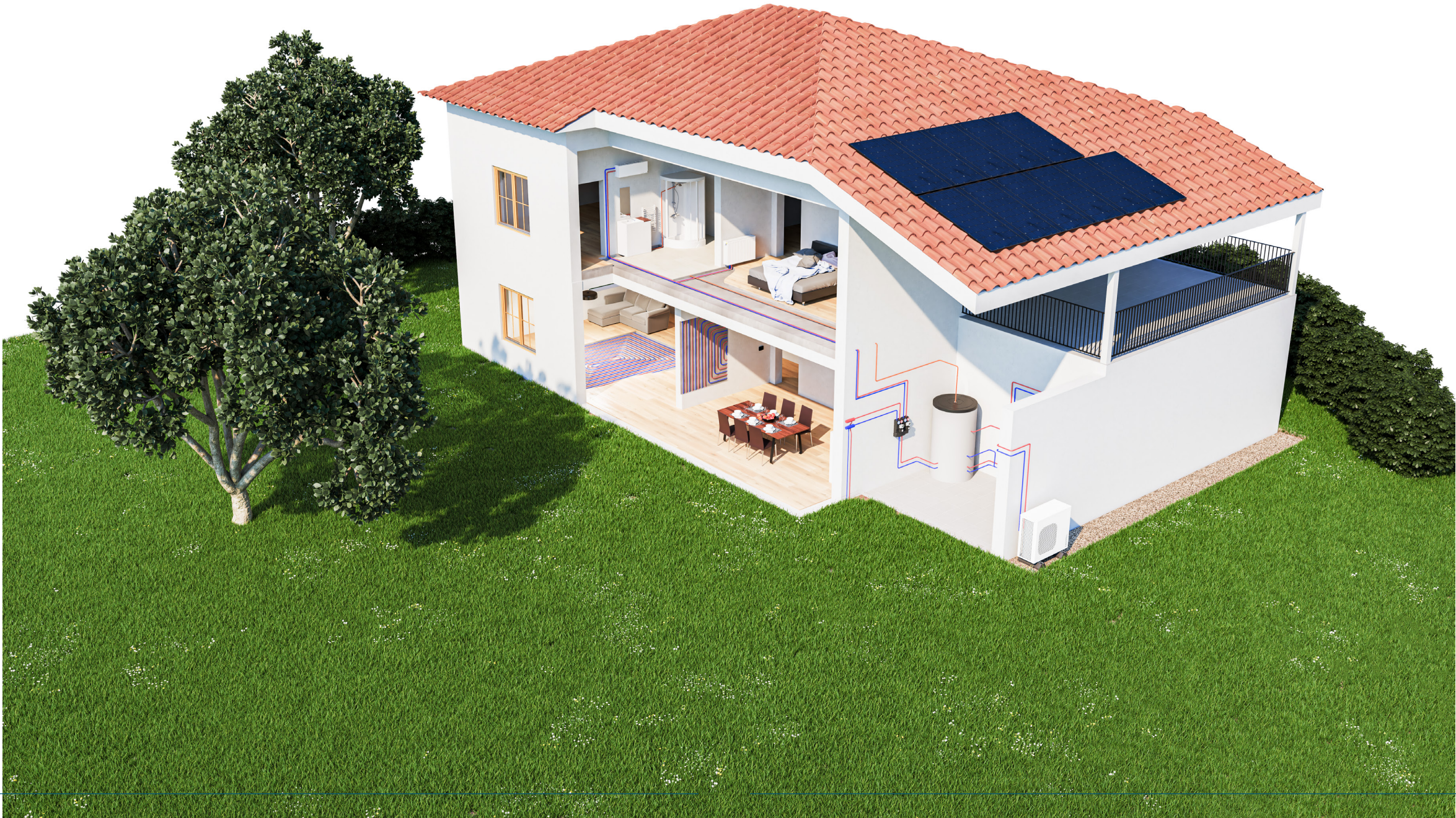
Heating Management System with Smart Home Technology

Suitable for Radiators and Underfloor Heating Systems

Whether it is radiator, underfloor or wall heating - the heat pump works with most system flow temperatures up to 70°C.

Room Temperature Control

Achieved with a room thermostat or weather compensation.



Domestic Hot Water

Provides domestic hot water needs via a hot water cylinder.

Heat Pump Controlled via an App

Smart Grid Ready

Future-proofed to access lower cost electricity tariffs.

Cascade and Hybrid Function

Multiple units can be cascaded or hybridised with other heat sources.

Quiet Operation

Less than 50dB with a night reduction feature included in the design.



Technology in detail

DC INVERTER CONTROL

Modulated for high efficiency & longer unit life.

HIGH QUALITY & ROBUST SLIM DESIGN

ENVIRONMENTAL FRIENDLY REFRIGERANT

R290 with a global warming potential of only 3.

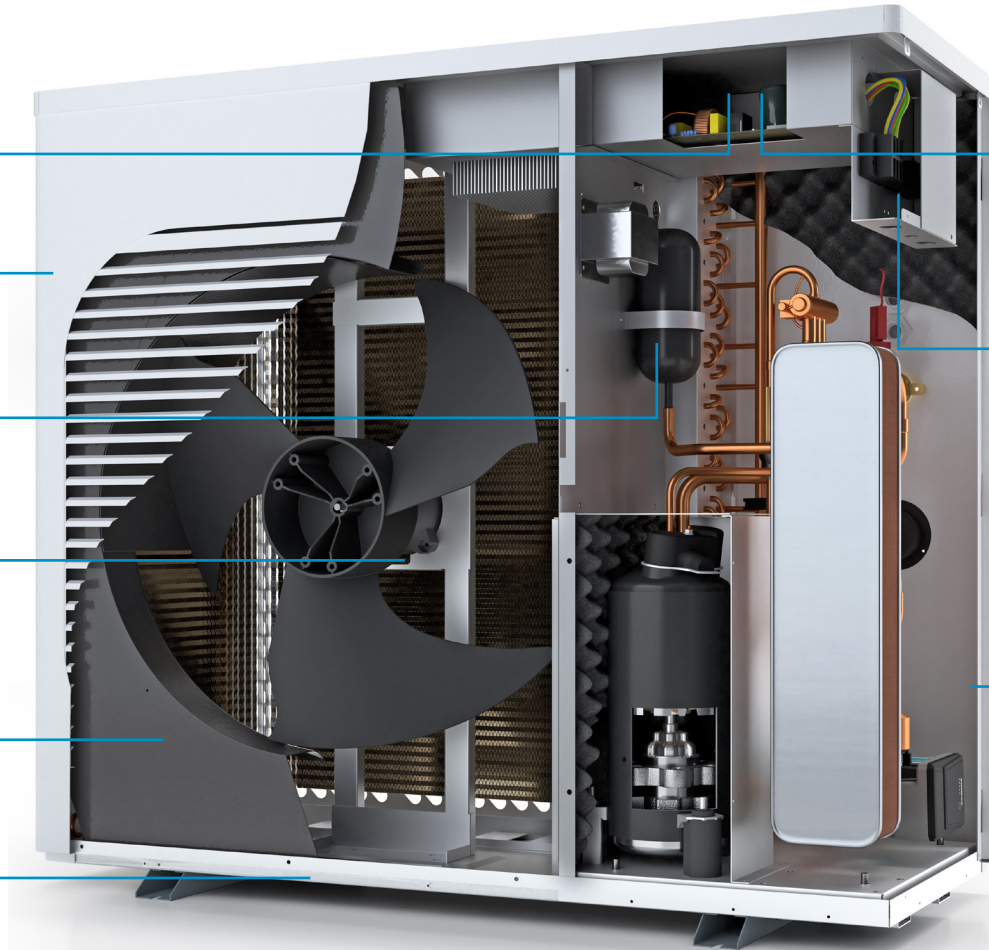
HIGH EFFICIENCY

Due to the built in speed control of the compressor, fan and pump.

SOUND MINIMISATION

through smartfan design, an acoustically designed enclosure and double sound proofed compressor.

BUILT IN ANTI-ICE OPERATION



OUTDOOR TEMPERATURE SENSORS TO FACITATE THE WEATHER COMPENSATION FUNCTION

BUFFER / DHW TANK CONTROL

SPEED CONTROLLED PUMP



Heating/Hot water/Cooling



Free app



Smart grid ready



AFFORDABLE & ECO-FRIENDLY

Using ambient air as the primary heat source is a sustainable solution that is both cost-effective and climate-friendly.



QUIET OPERATION

The use of high-quality sound instillation materials and advanced sound absorption techniques effectively minimise noise and vibration.



CLIMATE - FRIENDLY REFRIGERANT R290

The latest low impact solution with outstanding performance even at high temperature, with a global warming potential of only 3.



HIGH EFFICIENTCY

Offers system flexibility through modulation and cascading. It can attain high flow temperature of up to 70°C.



WE WORK WITH A NETWORK OF TRUSTED INSTALLERS ACROSS THE UK

Our partner network offers reliable heat services and installation whilst our in-house customer service team is experienced and efficient.



LONG WARRANTY PERIOD

Quality and durability are core values of our products, demonstrated by the manufacturers 3 and 5 year two part warranties.

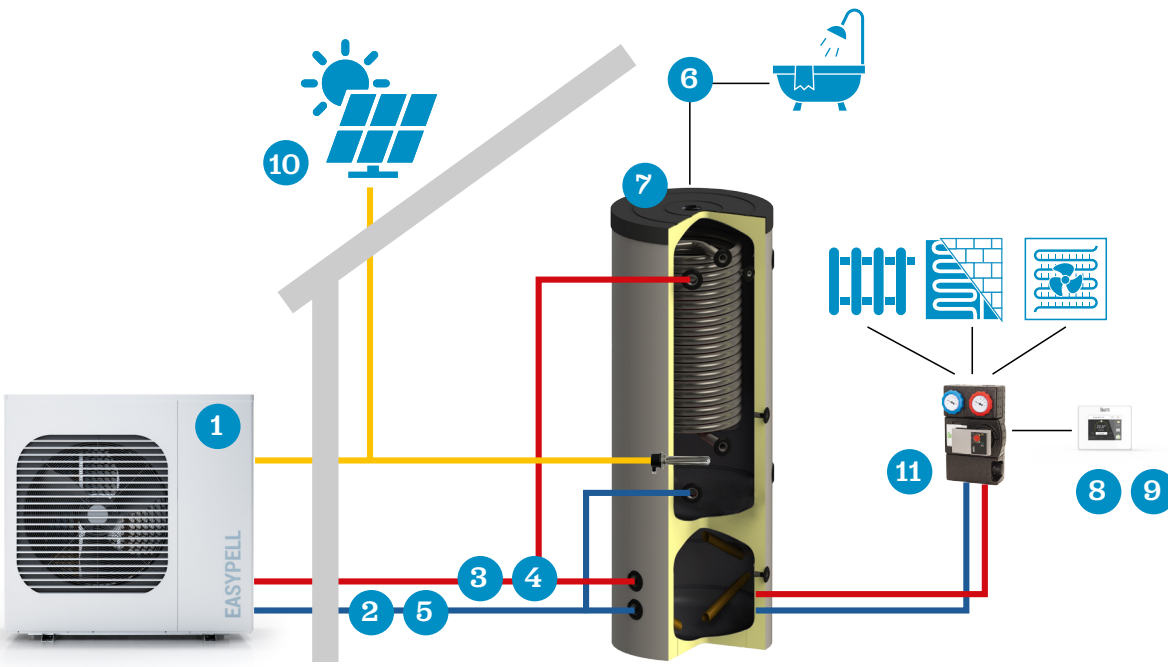
Two of models the 12 and 17kW are available as 3 phase models, for those wishing to connect to a 3 phase power supply.



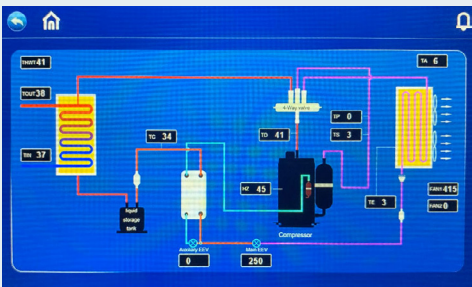
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Hydraulic System Configuration

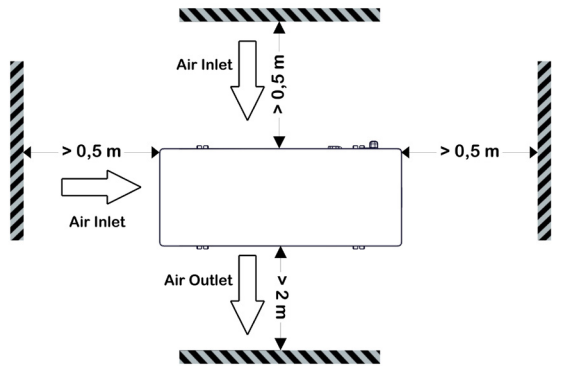
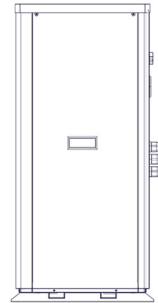
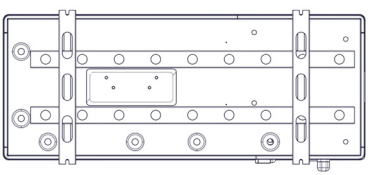
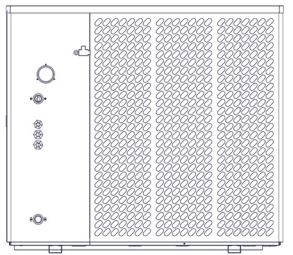
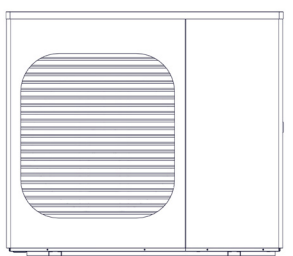


- 1** Easypell Heat pump
- 2** Expansion vessel 25-150 Ltr
- 3** Safety unit
- 4** Three-way valve
- 5** Magnetic separator
- 6** Fresh water safety valve
- 7** Buffer or combined tank
- 8** Heatcontroller & Touch screen display
- 9** Room thermostat
- 10** Inverter and photo voltaic system (optional)
- 11** Pump group for direct, fixed temperature or mixer circuits, with PWM signal input (with 2 or 3 way distributor, if required).



FREE ENERGY MANAGEMENT APP

With smart and flexible online control, the energy management app gives you full flexibility and offers the opportunity to control the heat pump via your mobile device. The app also includes access to historical consumption data and monitoring software that, if enabled, will allow our technical team to monitor any fault or issues reports raised.

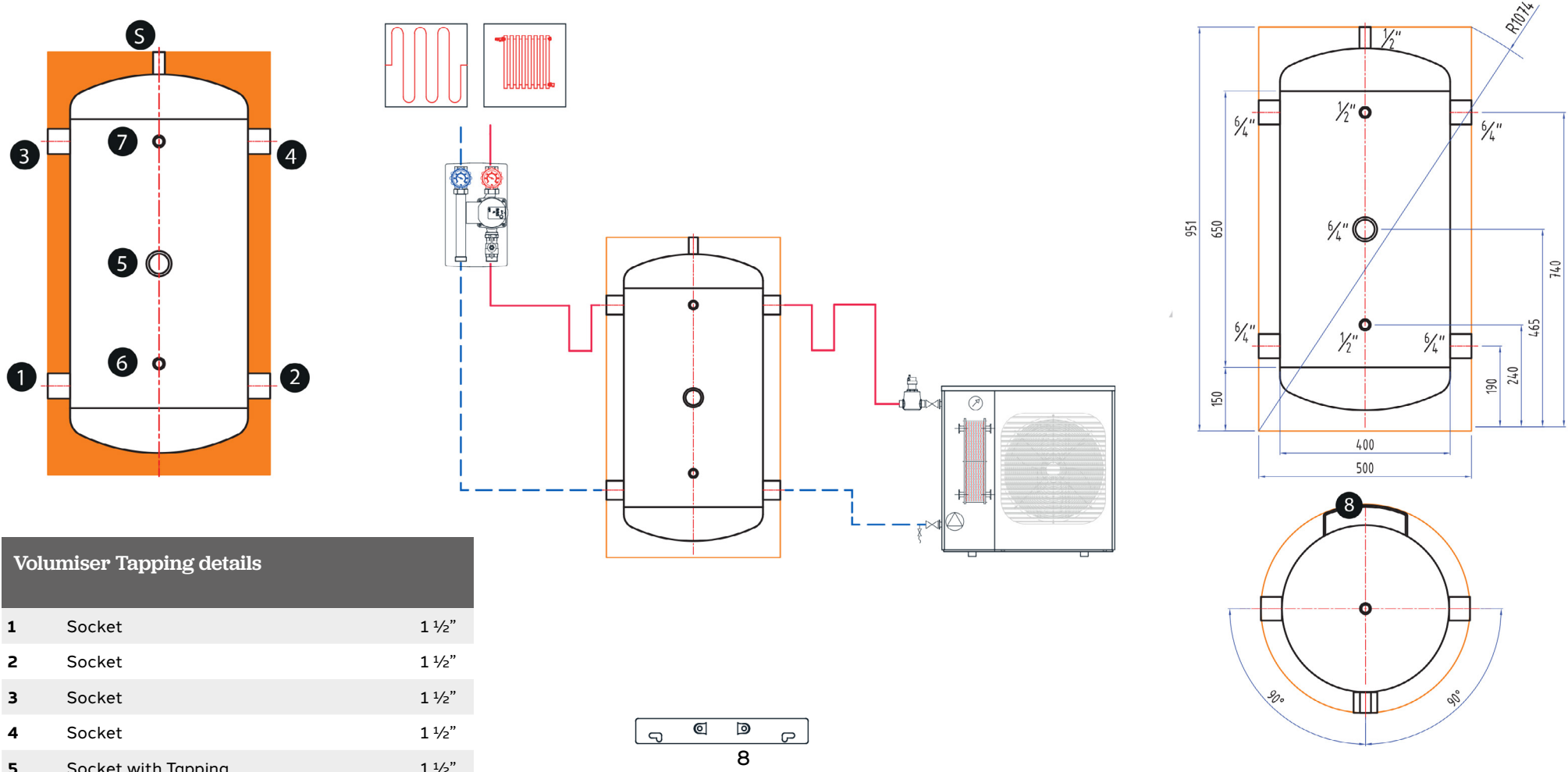


Product name		EASYPELL 06	EASYPELL 09	EASYPELL 12	EASYPELL 12T	EASYPELL 17T
Product model		EPA06	EPA09	EPA12	EPA12T*	EPA17T*
Heating rated power	kW A7 / W35	3,3-8,3	4,5-11,4		5,9-14,8	8,8-22,0
	kW A-2 / W35	3,0-7,3	3,7-9,3		4,9-12,0	7,3-17,9
	kW A-7 / W35	2,7-6,4	3,4-8,2		4,5-10,6	6,7-15,8
	kW A7 / W55	3,7-7,4	5,2-10,2		6,6-13,2	8,1-20,4
	kW A-2 / W55	2,8-6,7	3,5-8,6		4,5-11,2	6,8-16,6
	kW A-7 / W55	2,5-5,9	3,1-7,6		4,1-9,8	6,2-14,6
COP Range	A7 / W35	4,2-5,3				
COP Range	A7 / W55	3,1-3,8				
COP mixed (EN14.011-2)	W35 / W55	5,1-3,2	4,9-3,2	5,0 / 3,0	4,6 / 3,2	
SCOP middle climate (EN14.825)	W35 / W55	4,7-3,5	4,5-3,5	4,6 / 3,4	4,7 / 3,6	
Cooling rated power	kW A35 / W18	2,6-6,1	3,6-8,6	4,7 / 11,3	6,8 - 16,1	
EER	A35 / W18	3,2-3,6				
ErP Level	35 °C / 55 °C	A+++/A++				
ηs heating	35 °C / 55 °C	183 / 136	181/137	182 / 132	185 / 139	
Refrigerant	R290					
Power supply		230V/1Ph/50Hz		400V/3Ph/50Hz		
Electrical input power	kW	0,8-2,7	0,8-3,5		1,0-4,5	1,5-6,8
Maximum power input	kW	3,1	4,1		5,2	7,6
Maximum current	Amp	14,2	18,8	23,8	9,8	14,3
Recom. circuit breaker	Amp (Typ C)	16	20	25	12	16
Diameter of pipe / Connector	mm / inch	DN25 / F1*				
Max pump water head	m	9				12
Unit max. pressure drop	kPA	30	35	40	45	
Water flow	m³/h	1,4	2,0	2,6	3,8	
Sound pressure at 3m (A7/W35)	dB(A)	34	33	35	34	35
Sound power level (A7/W35)	dB(A)	58	57	59	60	
Net Weight	kg	112	120	138	170	
Net Dimension (L/W/H)	mm	1085x460x825	1085x460x965	1085x480x1065		1085x480x1378
Flow pipe height	mm	600	600	910	1080	
Return pipe height	mm	130	130	105	570	
Operating ambient temp. range	°C	-25 to 43				
DHW temperature	°C	20 to 65				
Heating temperature	°C	20 to 70				
Cooling temperature	°C	7 to 35				

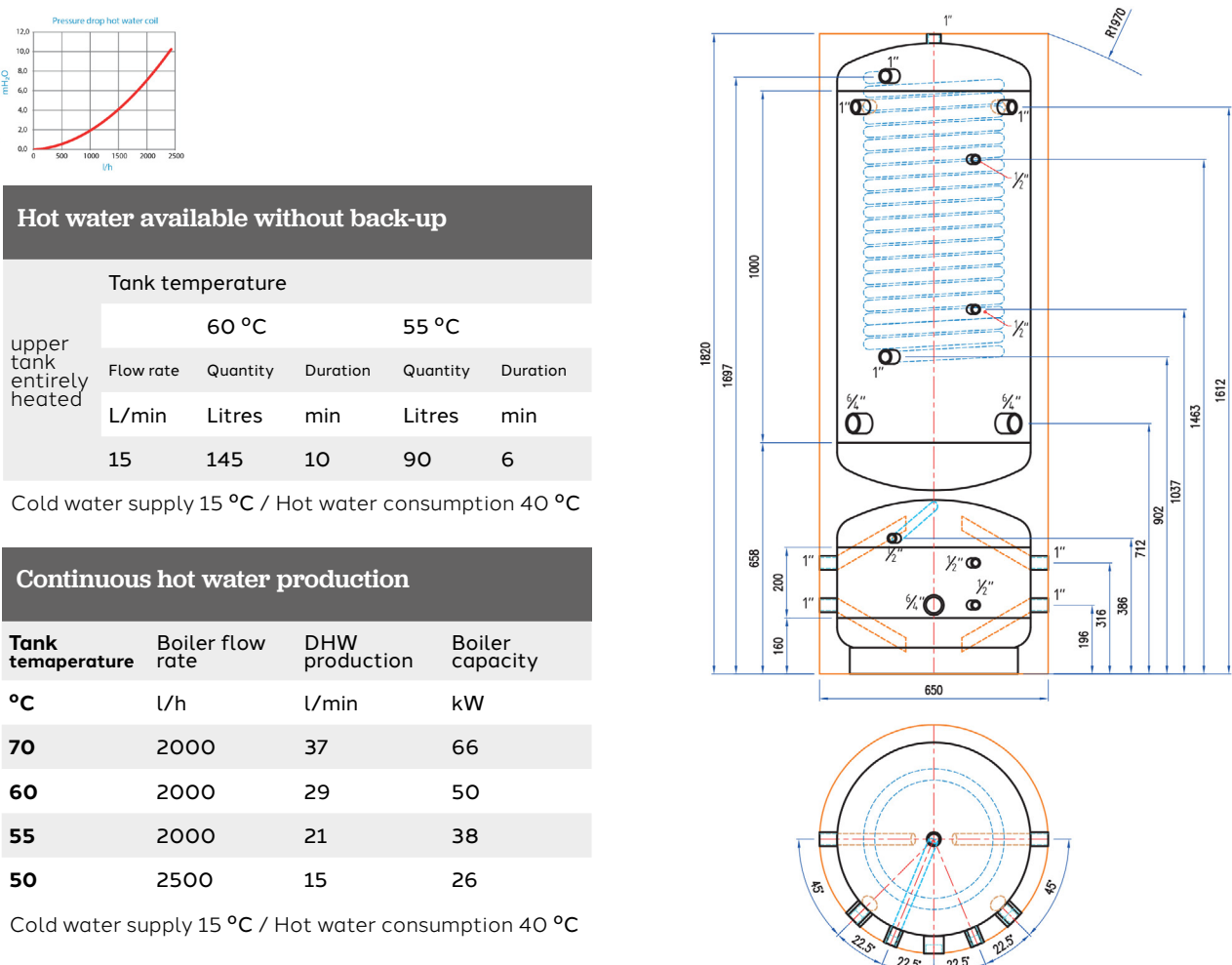
* 3 phase model

WP 100 Volumiser

SPECIFICATION SHEET



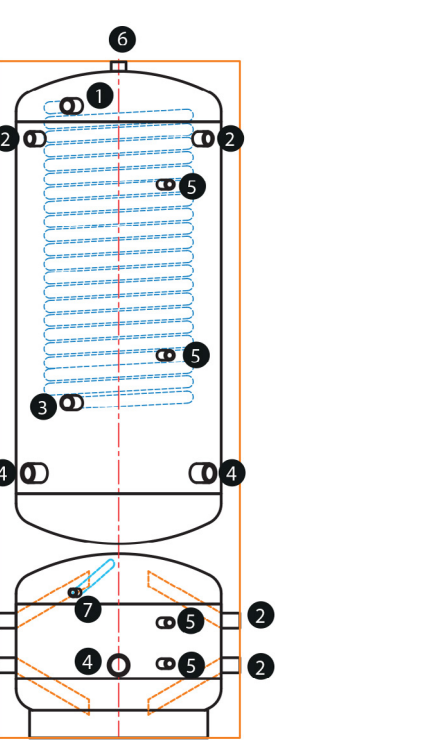
Model	Efficiency Class (UE 812/2013)	Dispersion (W)	Volume (L)	Weight (kg)
WP 100	B	41	101	27



Model	Efficiency Class (UE 812/2013)	Dispersion (W)	DHW exchanger (m²)	Weight (kg)
HWP 300/100	C	80	4,5	120

HWP 300/100

SPECIFICATION SHEET



Legend	
1	DHW outlet 1"
2	Heating 1"
3	DHW inlet 1"
4	Immersion heater or heating 1 1/2"
5	Sensors 1/2"
6	Air vent 1" upper tank
7	Air vent 1/2" lower tank



EASYPELL 