SPLIT WATER HEATERS

MODEL			SWH-35ERA2				
Twater intlet 15ºC Twater outlet 55ºC T ambient 20ºC	Nominal heating power	kW	3,5 (1,8-3,7)				
	Nominal rated input	kW	0,83(0,36-0,91)				
	COP	ºC	4,1				
Domestic hot water profile		-	L				
COP for DHW (A7/W10)		-	3,08				
Energy class		-	A+				
Water heating effiency		%	≤130				
Annual electricity consumption (for average climate conditions)		kWh	795				
Max. rated input		W	2000+1500 E-heater				
Water output temperature		ºC	35-55				
Power supply		-	220–240 V~, 50 Hz				
Insulation layer		-	I				
Degree of coverage		-	IPX4				
Refrigerant	Type	-	R410A				
	kg / t Eq. CO_2	-	1,4 / 2,923				
Dimension of unit	W×D×H	mm	842×320×591				
Dimension of package	W×D×H	mm	948×363×660				
Weight brutto/netto		kg	44,5/38,5				
Acoustic power level		dB(A)	63				
Acoustic pressure level in 1 meter		dB(A)	52				
Addition of refrigerant over 10 m		g/m	22				
Maximum elevation		m	5				
Standard pipe length		m	10				
Maximum pipe length		m	20				
Operating range		ºC	–25–45				
Power supply cable		mm²	2,5				
Circuit breaker		A	16				

MODEL			SWH-200DE				
Volume		l	185				
Power supply of E-heater		-	220–240 V~, 50 Hz				
Power of E-heater		W	1500				
Dimension of unit (W×D×H)		mm	462×462×2000				
Dimension of package (W×D×H)		mm	2108×583×565				
Weight brutto/netto		kg	83/72,5				
Outer diameter of connecting pipe	Gas	inch	3/8"				
	Liquid		15/64"				
Pipe diameter (water) - outlet			1/2"				
Tank material		-	enamel				
STANDARD ACCESSORIES							
Installation and user manual		-	Yes				
Wired controller		-	Yes				
Cable of controller		-	Yes				
Cover for controller		-	Yes				
Copper piping with insulation		-	Yes				
Drain hose adapter		-	Yes				
Drain hose		-	Yes				
Temperature sensor of DHW		-	Yes				

The specification of products is subject to change based on further development of the units by the producer and can be changed without prior notice. Refer to rating label.
R410A ((50% HFC-32, 50% HFC-125), GWP of refrigerant used: 2088.
Contains fluorinated greenhouse gases covered by the Kyoto Protocol.
Explanatory notes on the very last page of the catalogue.
Cross-section of each wire must correspond to the IEC 60364.

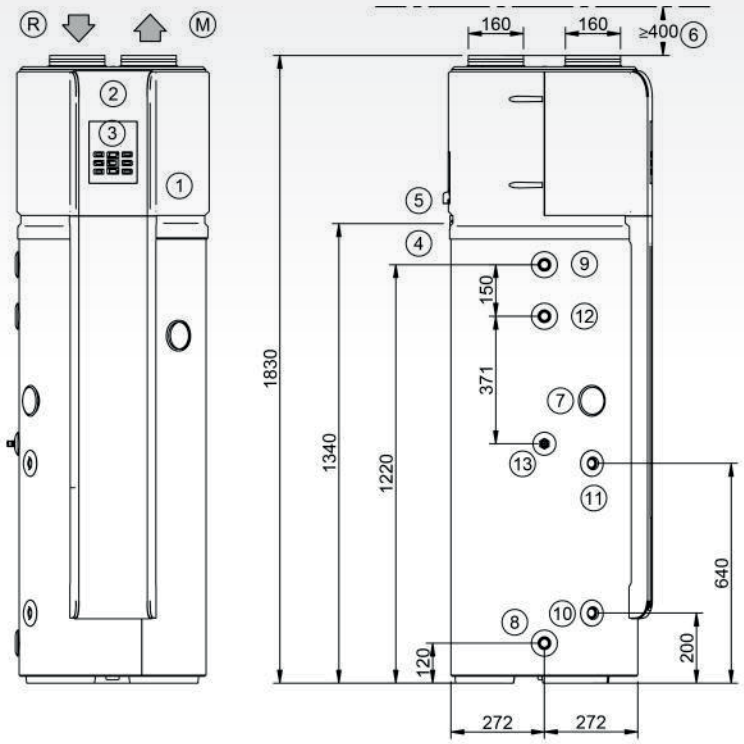
MONOBLOC WATER HEATERS

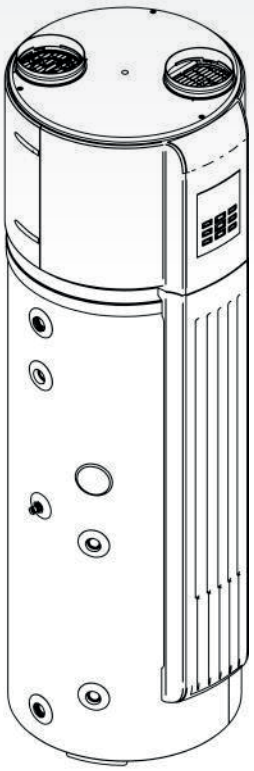
MODEL			SWH-190IRE2	SWH-190IRES2	SWH-300IRE2	SWH-300IRES2
Mode			Hybrid/E-heater			
Operating temperature range (Hybrid)		ºC	-7 ~ 43			
Operating temperature range (E-heater)		ºC	-20 ~ 43			
Output water temperature		ºC	38 ~ 70			
Power supply		V/Ph/Hz	220-240 / 1 / 50			
Max. current		A	9,1		9,8	
Max. Rated input		kW	2,1		2,25	
Twater intlet 15ºC Twater outlet 45ºC T ambient 15ºC	Power of water heating	kW	1,62		2,3	
	COP	-	3,86		4,34	
	Rated input	kW	0,42		0,53	
Starting current		A	22,2		33,7	
Energy class		-	A+			
Dimension of unit (d x h)		mm	Ø610 x 1830		Ø700 x 1930	
Dimension of package (w x h x d)		mm	680 x 2070 x 680		775 x 2200 x 745	
Weight		kg	114	131	138	158
Acoustic pressure in 1 meter		dB (A)	36,6		38,2	
Compressor type		-	Rotary ON/OFF			
Refrigerant		type / kg / t Eq. CO_2	R134a / 1,1 / 1,57		R134a / 1,5 / 2,00	
Ammount of oil		ml	350			
Tank design pressure		MPa	1			
Type of expansion valve		-	Electronic			
Type of fan		-	Radial			
Available pressure head		Pa	25		45	
Air flow		m³ / h	270		414	
Pipe diameter at inlet		inch	3/4"			
Pipe diameter at outlet						
Solar exchanger input						
Solar exchanger output						
Max. solar heat exchanger pressure		MPa	1			
Solar exchanger area		m²	-	1,1	-	1,3
Solar exchanger material		-	enamel			
Power of E-heater		kW	1,5			
Tank volume		l	176	168	284	272
Tank material		-	enamel			
Isolation material		-	Polyurethane foam			
Insulation thickness		mm	50			
Maximum operating pressure		MPa	1			
Hot water heating time		h/min	3/53		4/22	
Colder climate	Domestic hot water profile	-	L		XL	
	ηwh	%	99		95	
	Annual consumption AEC	kWh	1032		1759	
	Daily consumption	kWh	4,93		8,24	
	COP EN 16147	-	2,36		2,32	
Average climate	Domestic hot water profile	-	L		XL	
	ηwh	%	115		123	
	Annual consumption AEC	kWh	890		1361	
	Daily consumption	kWh	4,24		6,4	
	COP EN 16147	-	2,76		3,01	
Warmer climate	Domestic hot water profile	-	L		XL	
	ηwh	%	130		148	
	Annual consumption AEC	kWh	785		1131	
	Daily consumption	kWh	3,72		5,32	
	COP EN 16147	-	3,13		3,59	
STANDARD ACCESSORIES						
Installation and owner's manual			yes			
OPTIONAL ACCESSORIES						
Cables and connectors for solar connection			SWH2-CBL			

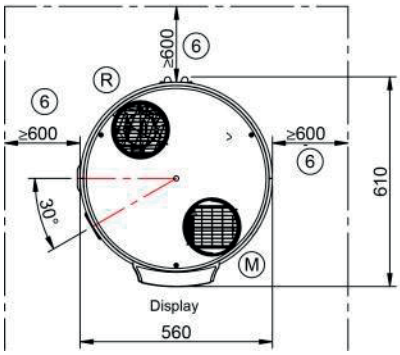
The specification of products is subject to change based on further development of the units by the producer and can be changed without prior notice. Refer to rating label.
R134a (single component refrigerant HFC-134a), GWP of refrigerant used: 1430.
Contains fluorinated greenhouse gases covered by the Kyoto Protocol.
Explanatory notes on the very last page of the catalogue.
Cross-section of each wire must correspond to the IEC 60364.

APPEARANCE AND DIMENSIONS OF MONOBLOC WATER HEATERS

SWH-190IRE2, SWH-190IRES2



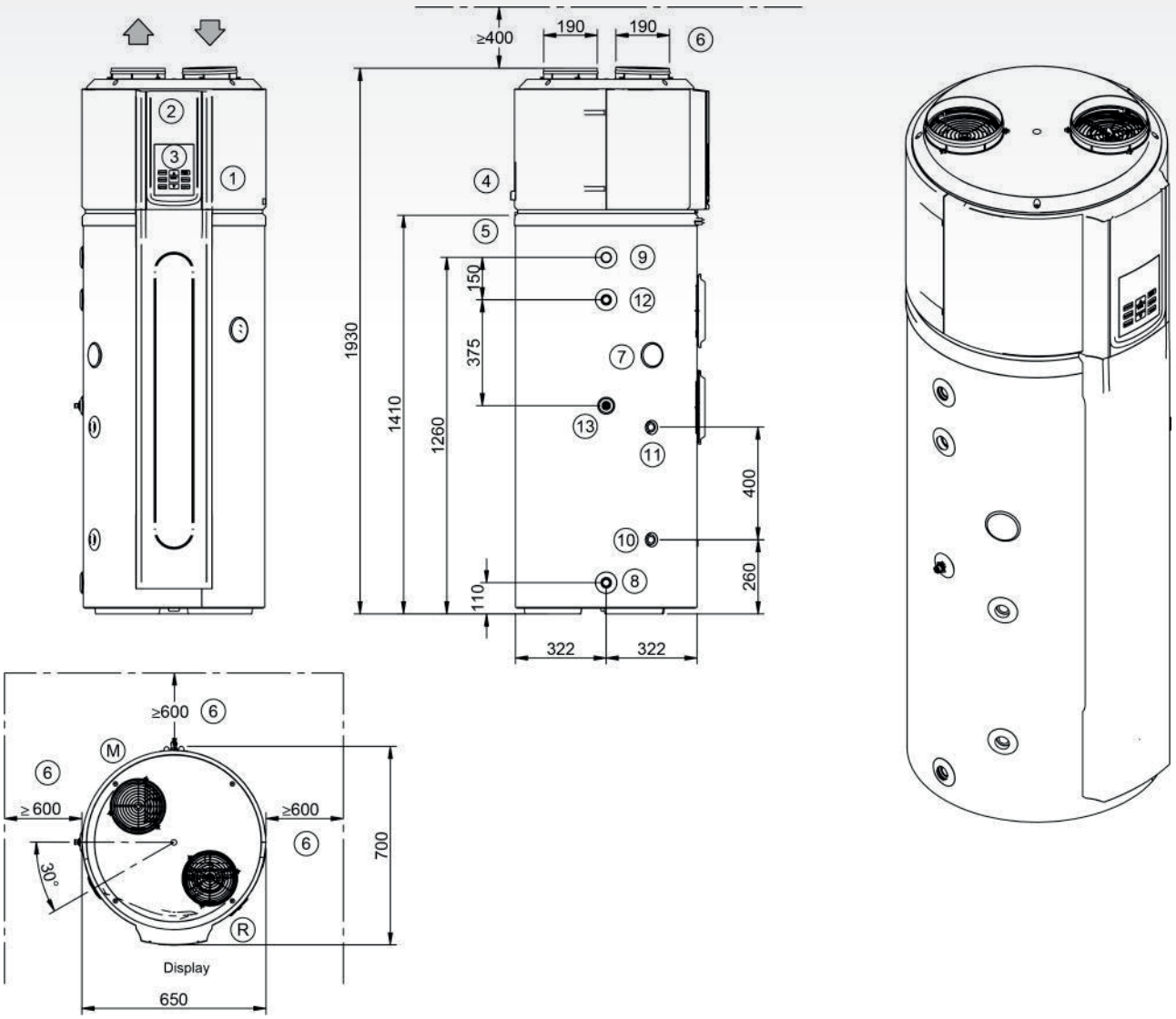




1	Compressor compartment	6	Functional spaces	11	Solar outlet 3/4” F (only 190S)
2	Electric panel	7	Anode	12	Domestic hot water recirculation (only 190S)
3	Unit keypad	8	Water inlet 3/4” F	13	Probe sump for solar
4	Electric line input	9	Water outlet 3/4” F	R	Air inlet
5	Condensate drain	10	Solar inlet 3/4” F (only 190S)	M	Air supply

APPEARANCE AND DIMENSIONS OF MONOBLOC WATER HEATERS

SWH-300IRE2, SWH-300IRES2



1	Compressor compartment	6	Functional spaces	11	Solar outlet 3/4” F (pouze 300S)
2	Electric panel	7	Anode	12	Domestic hot water recirculation (only 300S)
3	Unit keypad	8	Water inlet 3/4” F	13	Probe sump for solar
4	Electric line input	9	Water outlet 3/4” F	R	Air inlet
5	Condensate drain	10	Solar inlet 3/4” F (pouze 300S)	M	Air supply