KRONOTERM

PREMIUM BRAND

Domestic hot water heat pump

KRONOTERM S2

Models: WP2 LF-202S | WP2 LF-302S

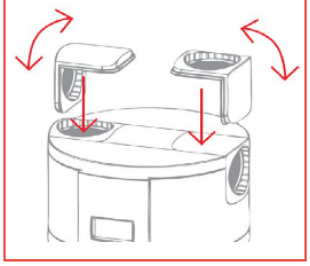
SILVER

MAIN FEATURES

+ Heating power / heat pump only: 2 kW
+ Tank volume: 200 L or 270 L
+ Power supply: 230 V, 50 Hz
+ Electrical heater: 1,5 kW
+ Possibile to install external heat source eg. solar collectors or solid fuel furnace
+ Remote air intake and outtake from indoor or outdoor is possible
+ Time scheduling of anti-legionela programm
+ Controller 'OPTITRONIC 2.1'
+ KRONO-FLEX air duct system

ENERGY CLASS **A**

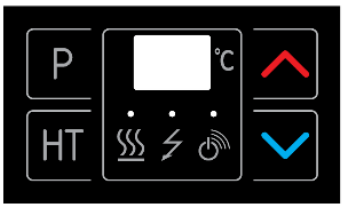
KRONO-FLEX



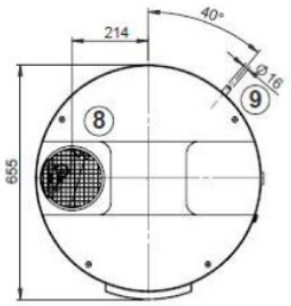
EASY TO INSTALL

TÜVRheinland CERTIFIED

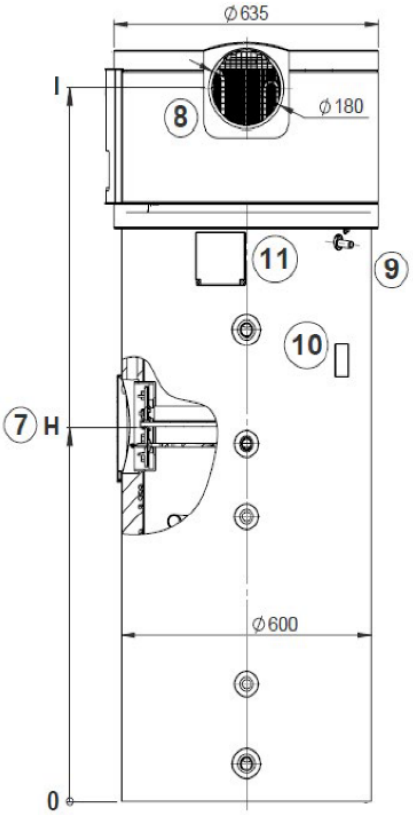
CONTROLLER OPTITRONIC 2.1

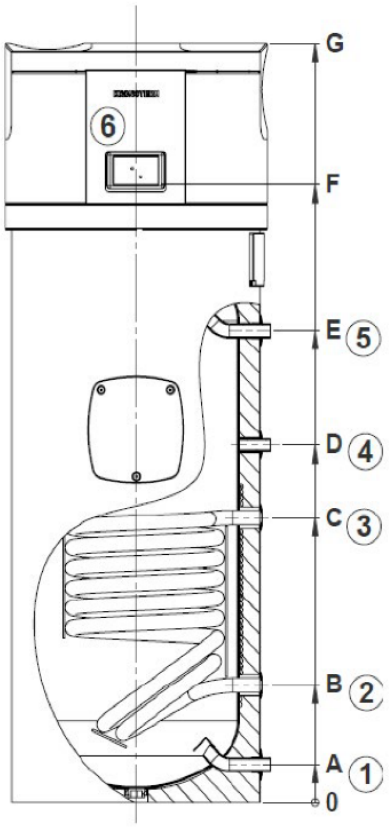


+ Function indicator
+ Temperature and programm display
+ Different operation modes, simply choosing them with » P «
+ » HT « for fast anti-legionella heating function
+ User friendly
+ PV ready



	WP2 LF-202S	WP2 LF-302S
A	85	85
B	263	263
C	638	728
D	800	983
E	1057	1390
F	1387	1720
G	1700	2030
H	840	840
I	1597	1927
J	1252	1584
1	Input for sanitary cold water G1"	
2	External heat source output G1"	
3	External heat source input G1"	
4	Sanitary hot water circulation G3/4"	
5	Output for sanitary hot water G1"	
6	Graphical display	
7	Flange	
8	Air duct connection - Ø 180	
9	Water condensat output – Ø 16	
10	Temperature sonsor	
11	Electrical connections	



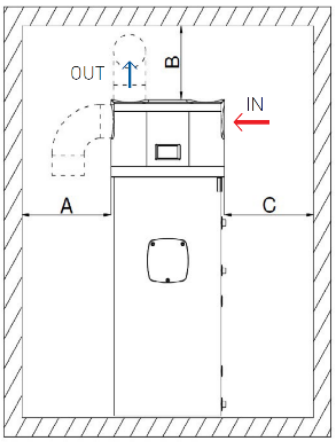


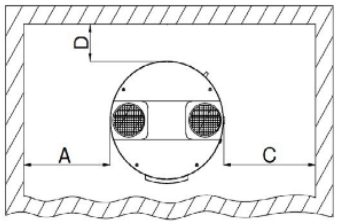
Caution: all dimensions are in »mm«.

Model	WP2 LF-202S	WP2 LF-302S
Capacity:		
Energy effiency class	A	A
Heating power	1850 W (3350 W)*	1850 W (3350 W)*
COP (EN 16147, EU 812/2013)	3,8	3,8
Quantity of hot water (EN 16147)	271 L	376 L
Variant:		
Heat source	Air	Air
Controller	OPTITRONIC 2.1	OPTITRONIC 2.1
Instalation	Interna	Internal
Power contoll mode	ON/OFF	ON/OFF
Defrost	HotGas Bypas	HotGas Bypas
Electrical heater	1500 W	1500 W
Operating range:		
Air temperature: min - max	5°C - 40°C	5°C - 40°C
Water temperature: min. inlet - max. outlet	10°C - 65°C	10°C - 65°C
Refrigeration circuit:		
Refrigerant type	R134a	R134a
Refrigerant quantity	1,2 kg	1,2 kg
Heat source:		
Required air flow	380 m³/h - 450 m³/h	380 m³/h - 450 m³/h
Max. air pressure drop	50 Pa	50 Pa
Dimensions and mass:		
Water tank volume	200 L	270 L
Weight	128 KG	145 KG
Sanitary water connections (cold/hot water)	1''	1''
Sanitary water circulation connections	3/4''	3/4''
External heat source connections	1''	1''
Electrical data:		
Power supply / protection	230 V; 50 Hz / 16 A	230 V; 50 Hz / 16 A
Electrical power	440 W (1940 W)*	440 W (1940 W)*

*with electrical heater ON

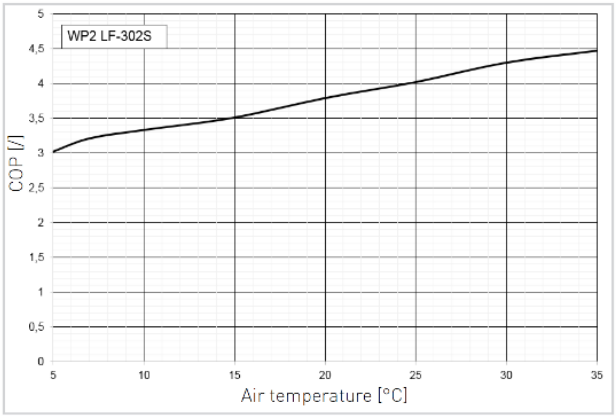
INSTALLATION - MINIMUM DISTANCE

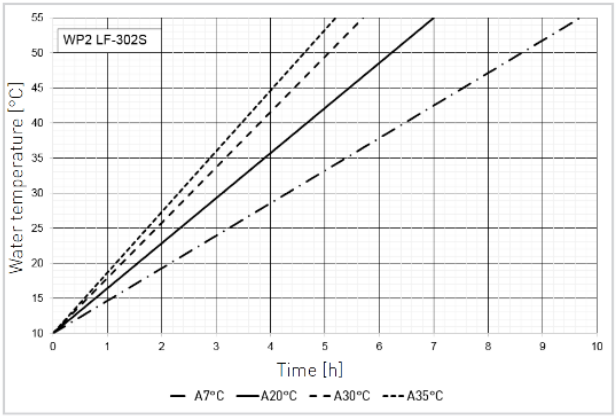




Air intake Φ180	Air outlet Φ180	A [mm]		B [mm]		C [mm]	D [mm]
		Without bend	With bend on the outlet	Without bend	With bend on the outlet		
On the side	On the side	1000	250	90	90	200 / 250**	70
On the side	Above	60	60	1000	250	200 / 250**	70
Above	On the side	1000	250	200	200	200	70
Above	Above	60	60	/*	250	200	70

* If both air ducts are turned upwards, it is necessary to prevent the outlet and intake air to mix; this could lead to a so-called "short-circuit" between outlet and intake air which significantly lowers the device's performance. This is why we recommend adding a bend on the outlet air connection and turn the outlet air away from the intake air.
** If the air connection of the intake air has a bend.





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