



Tank

Heating Buffer Storage Tank with Instantaneous DHW Station WPH-FW/WPR-FW 820 – 1020

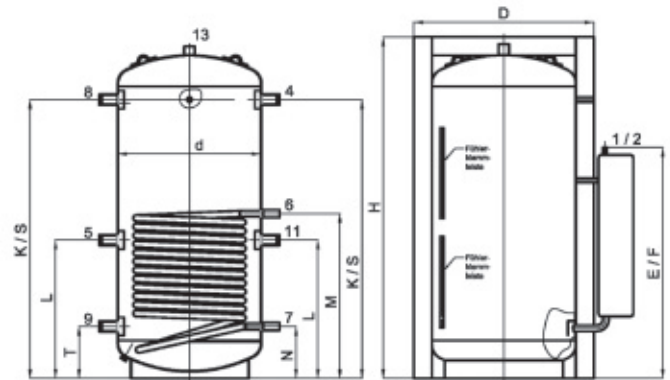
WPH-FW – heating buffer tank with mounted instantaneous DHW station. Buffer tank made of steel in certified quality, internal bare, external coated with corrosion proof lacquer.

WPR-FW – solar buffer tank with integrated solar heat exchanger and mounted instantaneous DHW station. Buffer tank made of steel in certified quality, internal bare, external coated with corrosion proof lacquer.

Instantaneous DHW Station FW 20 – mounted station in EPP-casing including heat exchanger, pump, electronical DHW control with integrated circulation control and non return valves in the heating circuit. DHW flow rate of 20 l/min (optional station with 30 l/min), optional upgrade possibility with a time-controlled circulation pump.

Heating of the buffer water is either directly, using external heating sources such as gas / oil boiler, heat pump, solar plant (solid fuel), wood pellet or log and district heating or indirectly via integrated heat exchangers or external flat plate heat exchangers.

Thermal insulation by 100 mm soft foam with PS-cover in silver (RAL 9220) supplied separate for onsite assembly.



WPR-FW 800 – 1020

Type		WPH-FW 820	WPH-FW 1020	WPR-FW 820	WPR-FW 1020
Item number		41 727	41 977	42 727	47 977
Capacity buffer	Litre ca	790	980	775	960
Max. flow rate DHW 45°C/10/buffer 50°C	l/min	22	22	22	22
Max. flow rate DHW 45°C/10/buffer 60°C	l/min	30	30	30	30
Max. flow rate DHW 45°C/10/buffer 70°C	l/min	37	37	37	37
Max working pressure buffer/FW-Station/Solar heat exchanger	bar	3/10/-	3/10/-	3/10/16	3/10/16
Max. working temperature buffer/DHW/Solar heat exchanger	°C	95/95/-	95/95/-	95/95/160	95/95/160
Capacity solar heat exchanger	Litre	-	-	16	20
Heating area solar heat exchanger	m ²	-	-	2,4	3,0
Flow rate solar heat exchanger	m ³ /h	-	-	1,5	1,5
Pressure loss solar heat exchanger	mbar	-	-	90	95
Insulation	mm	100 WS	100 WS	100 WS	100 WS
Dimensions					
Diameter tank with insulation	D	mm	990	990	990
Diameter tank without insulation	d	mm	790	790	790
Height cold water	E	mm	1270	1270	1270
Height hot water	F	mm	1270	1270	1270
Height	H	mm	1880	2180	1880
Tilting dimension	W	mm	1920	2180	1920
Height auxiliary boiler flow	K	mm	1536	1836	1536
Height auxiliary boiler return	L	mm	761	1100	761
Height solar flow	M	mm	-	-	906
Height solar return	N	mm	-	-	286
Height load circuit flow	S	mm	1536	1836	1536
Height load circuit return	T	mm	286	286	286
Height heating return	V	mm	761	761	761
Connections					
Cold water / hot water	1/2	Rp	DN20/1"IG	DN20/1"IG	DN20/1"IG
Aux boiler flow / return	4/5	Rp	6/4	6/4	6/4
Solar flow / return	6/7	Rp	-	-	1
Load flow / return	8/9	R	6/4	6/4	6/4
Heating flow / return	11	R	6/4	6/4	6/4
Drain	13	Rp	6/4	6/4	6/4
Weight Tank without FW-Station		kg	160	205	160
Weight FW-Station		kg	12	12	12