

PS 800 - 2000



Buffer storage tank

PS 800 - 2000

Application

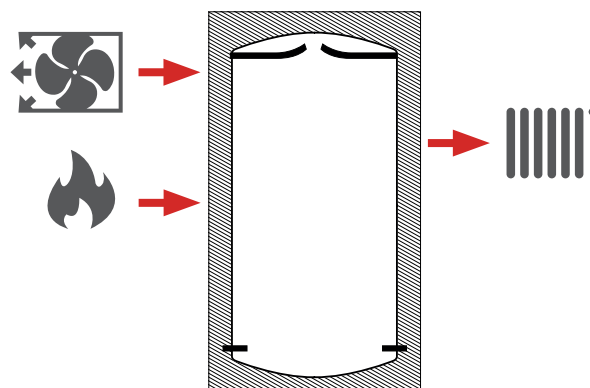
Buffer tank for heating and cooling applications
suitable also for hybrid systems

External corrosion protection

Powder-coated

Heat insulation

20 mm diffusion-tight insulation + 100 mm fleece with PVC outer covering



Model overview PS 800 - 2000

Type	Article no.	Volume	Height with insulation	Tilt height	Installation diameter	Weight (empty)	Energy efficiency class
Unit	[-]	[l]	[mm]	[mm]	[mm]	[kg]	[-]
PS 800	STD0800PS	826	2010	2180	830	160	C
PS 1000	STD1000PS	903	2160	2320	830	180	C
PS 1500	STD1500PS	1497	2240	2480	1040	270	C
PS 2000	STD2000PS	1970	2420	2680	1140	310	C

Technical specifications PS 800 - 2000

Type	Unit	PS 800	PS 1000	PS 1500	PS 2000
Article no.	[-]	STD0800PS	STD1000PS	STD1500PS	STD2000PS
Volume	[l]	826	903	1497	1970
Height with insulation	[mm]	2010	2160	2240	2420
Diameter without insulations	[mm]	790	790	1000	1100
Diameter with with diffusion-tight insulation*	[mm]	830	830	1040	1140
Diameter with all insulations (diffusion-tight insulation + vlies)	[mm]	1030	1030	1240	1340
Tilt height	[mm]	2180	2320	2480	2680
Installation diameter	[mm]	830	830	1040	1140
Weight (empty)	[kg]	160	180	270	310
Max. operating pressure heating side	[bar]	6	6	6	6
Test pressure heating side	[bar]	9	9	9	9
Max. operating temperature heating side	[°C]	95	95	95	95
Insulation thickness	[mm]	120	120	120	120
On-demand heat overhead	[kWh/d]	2,95	3,1	3,8	4,2
Holding losses	[W]	123	129	158	175
Energy efficiency class	[-]	C	C	C	C
Insulation material	[-]	20 mm diffusion-tight insulation + 100 mm fleece with PVC outer covering			

* please note that the diffusion-tight insulation is not removable

Connections and dimensions PS 800 - 2000

Connections		Unit	PS 800	PS 1000	PS 1500	PS 2000
ENT	Ventilation	[mm]	2010 1½" IT	2160 1½" IT	2240 1½" IT	2420 1½" IT
WPV/ HZV	Heat pump/heating supply	[mm]	1650 2½" IT	1785 FL DN80 PN6	1800 FL DN80 PN6	1955 FL DN100 PN6
KV	Boiler supply	[mm]	1520 1½" IT	1605 1½" IT	1610 2" IT	1765 2" IT
F/TH	Sensor/Thermometer	[mm]	1520 ½" IT	1605 ½" IT	1610 ½" IT	1765 ½" IT
EHP1	Electric heating cartridge 1	[mm]	1470 1½" IT	1605 1½" IT	1610 1½" IT	1765 1½" IT
F2	Sensor 2	[mm]	970 ½" IT	1045 ½" IT	1085 ½" IT	1175 ½" IT
KR	Boiler return	[mm]	970 1½" IT	1045 1½" IT	1085 2" IT	1175 2" IT
EHP2	Electric heating cartridge 2	[mm]	420 1½" IT	485 1½" IT	560 1½" IT	570 1½" IT
F3	Sensor 3	[mm]	420 ½" IT	485 ½" IT	560 ½" IT	570 ½" IT
WPR/ HZR	Heat pump/heating return	[mm]	290 2½" IT	305 FL DN80 PN6	370 FL DN80 PN6	395 FL DN100 PN6
ENL	Draining	[mm]	170 1" IT	170 1" IT	235 1" IT	250 1" IT

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