

SUPAflo EVO Stainless Steel Buffer Vessels



Name	BUFFER-SS300-10-2.5"	BUFFER-SS500-10-2.5"	BUFFER-SS800-10-2.5"	BUFFER-SS1000-10-2.5"
Product Description	Stainless 300L, 10 bar, 2.5" dia conn Buffer for SUPAflo EVO	Stainless 500L, 10 bar, 2.5" dia conn Buffer for SUPAflo EVO	Stainless 800L, 10 bar, 2.5" dia conn Buffer for SUPAflo EVO	Stainless 1000L, 10 bar, 2.5" dia conn Buffer for SUPAflo EVO
Product Codes	7798848	7798849	7798850	7798851
Barcode	5033313043889	5033313043872	5033313043865	5033313043858
Connection sizes				
Storage capacity (L)	291	484	800	1000
Temperature and pressure relief valve port	2.5"	2.5"	2.5"	2.5"
Drain and secondary return port	1" male	1" male	1.25" male	1.25" male
Water heater return connection	2.5"	2.5"	2.5"	2.5"
Cold feed connection	2.5"	2.5"	2.5"	2.5"
Water heater flow connection	2.5"	2.5"	2.5"	2.5"
Hot flow connection	2.5"	2.5"	2.5"	2.5"
Clean-out and inspection hatch (opening diameter)	98mm	98mm	98mm	98mm
Maximum pressure (bar)	10	10	10	10
Maximum temperature (°C)	90	90	90	90
Minimum water pressure (bar)	1	1	1	1
ErP Efficiency	B	B	B	C
Standing loss (W)	63	68	83	109
Standing loss (kWh/24h)	1.512	1.632	1.992	2.616
Weight full (kg)	351	574	935	1157
Weight empty (kg)	60	90	135	157
Insulation thickness (mm)	60	60	80	80
Insulation material	Mould injected polyurethane foam (CFC free), density 45 kg/m3			
Height of water cylinder (mm)	1685	1690	1840	2250
Diameter of water cylinder (mm)	620	770	950	950
Cylinder material	Stainless steel 316	Stainless steel 316	Stainless steel 316	Stainless steel 316
Service clearance				
Front (mm)	500	500	500	500
Sides (mm)	250	250	250	250
Above (mm)	500	500	500	500
Lifting lug on top connections plate	none	none	¾" male	¾" male
Shipping				
Width (mm)	680	820	1030	1030
Depth (mm)	680	820	1000	1000
Height (mm)	1940	1920	2040	2460
Weight (kg)	70	103	157	184
Packaging waste				
Plastic (kg)	0.35	0.45	0.68	0.68
Card and wood (kg)	8.4	10.9	25.07	27.37

Straight

Unvented Systems Kits

	SUPAflo EVO SF61 to SF63	SUPAflo EVO SF64 to SF67
Part Number	7820334	7820335
Pressure limiting valve (3.5 bar)	1 ½"	2"
Non-return valve	1 ½"	2"
Expansion relief valve (6 bar)	1 ¼" x 1 ½"	1 ½" x 2"
Expansion vessel (1" connection)	100 L	100 L
Temperature and pressure relief valve port (7 bar/95°C)	2" (DN40)	2 ½" (DN50)
Straight tundish	1 ½" x 2"	2 x 2 ½"
Straight tundish	2" x 2 ½"	2 ½" x 3"



Sales 0345 070 1055

Technical 0345 070 1057

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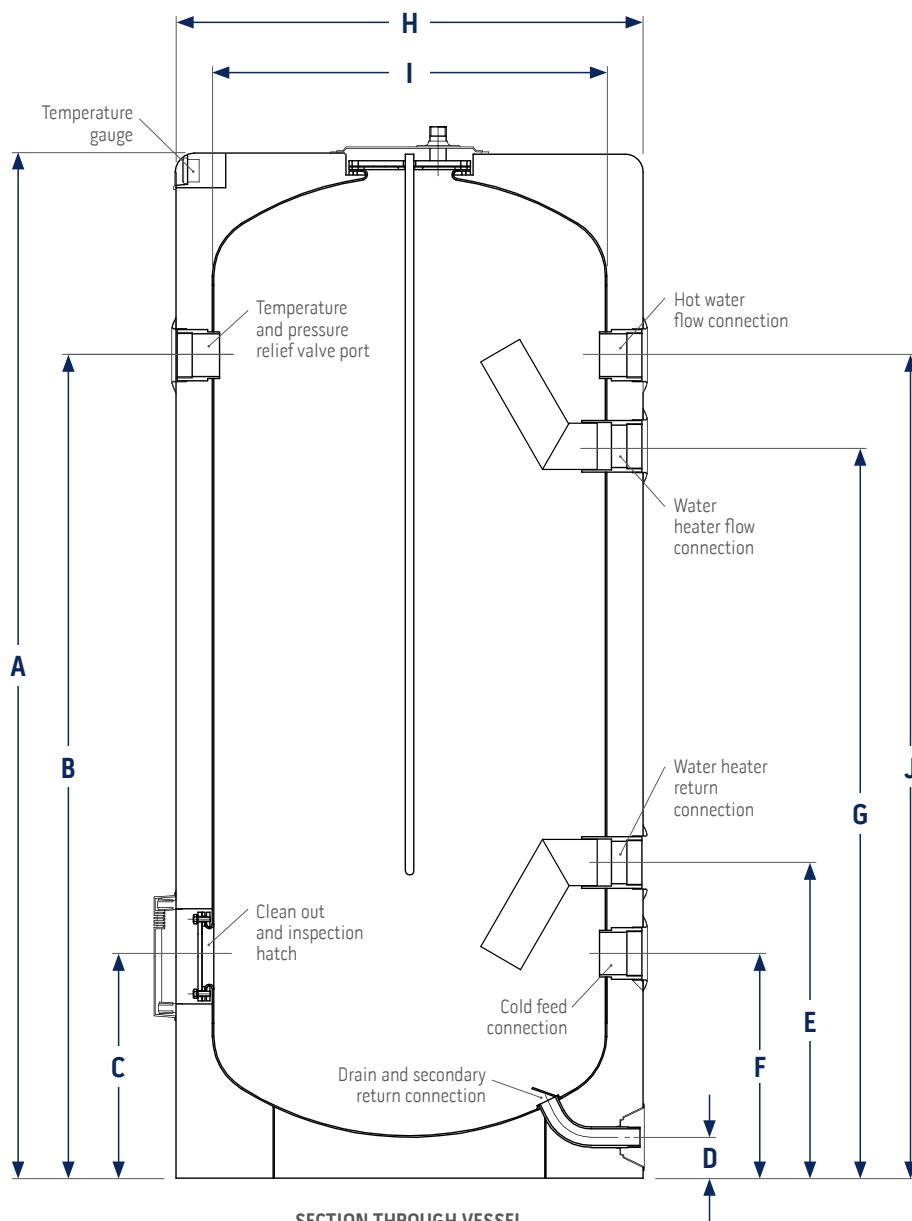
Andrews. Built to perform.

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DIMENSIONS

		BUFFER-SS300-2.5"	BUFFER-SS500-2.5"	BUFFER-SS800-2.5"	BUFFER-SS1000-2.5"
A	Height (mm)	1685	1690	1840	2250
B	Height to temperature and pressure relief valve port (mm)	1400	1356	1457	1867
C	Height to clean out and inspection hatch (mm)	323	370	347	347
D	Height to drain and secondary return connection (mm)	70	70	100	100
E	Height to water heater return connection (mm)	473	520	497	497
F	Height to cold feed connection (mm)	323	370	347	347
G	Height to water heater flow connection (mm)	1250	1206	1307	1717
H	Outside diameter (mm)	620	770	950	950
I	Cylinder diameter (mm)	500	650	790	790
J	Height to hot water flow connection (mm)	1400	1356	1457	1867



SECTION THROUGH VESSEL

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