

The Strom PRIME<sub>2</sub>O

MAY 2021



**PRODUCT QUALITY**  
AS CLEAR AS WATER...

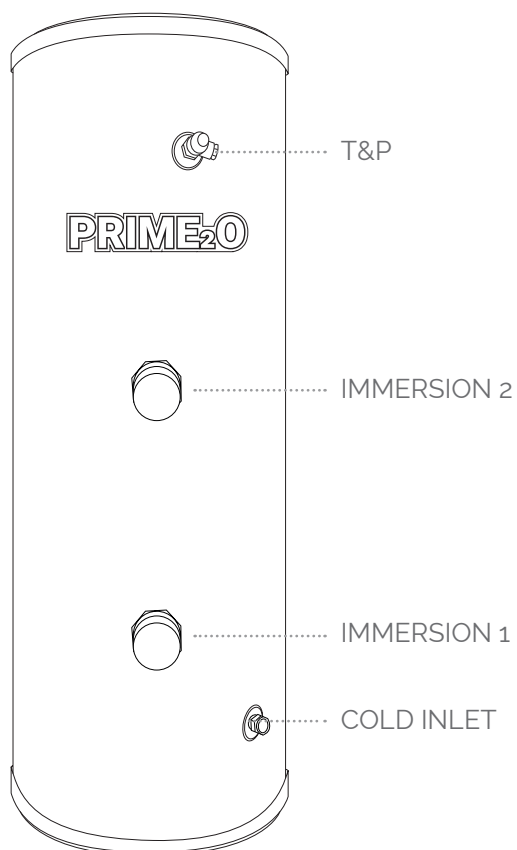
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STROM LIMITED 2021

  
**STROM**  
IT'S ALL IN THE DETAIL

# Product Overview:

## DIRECT UNVENTED CYLINDERS

### PRODUCT SPECIFICATION



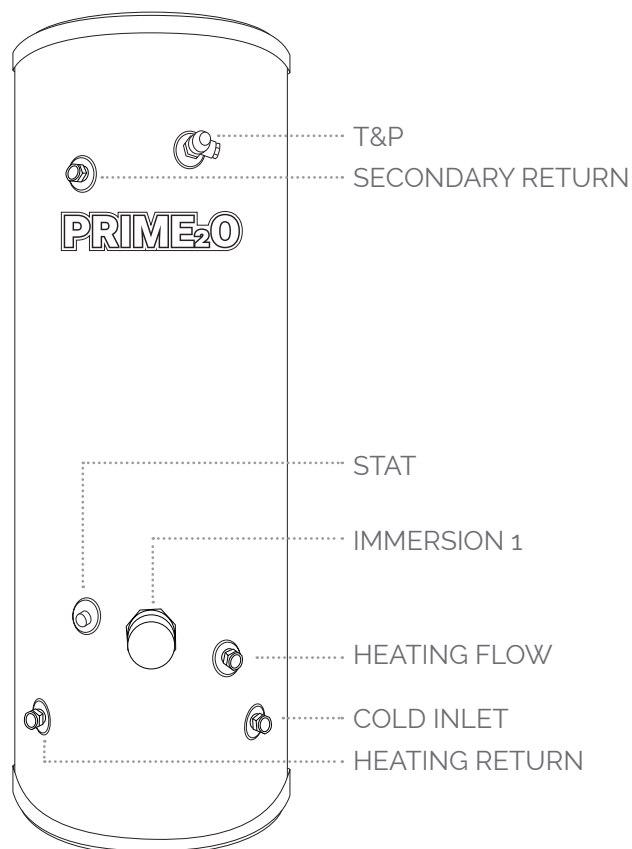
	TAPPING HEIGHTS						
	90	120	150	170	200	250	300
Overall Height	700	888	1075	1203	1389	1684	1924
Diameter	545	545	545	545	545	545	545
Cold Inlet	174	174	174	174	174	174	174
Immersion 1	194	194	194	194	194	194	194
Immersion 2	-	498	598	698	798	938	1088
T&P	494	682	869	997	1183	1495	1718

	TECHNICAL DETAIL						
	90 Litre	120 Litre	150 Litre	170 Litre	200 Litre	250 Litre	300 Litre
Product Code	SC90D	SC120D	SC150D	SC170D	SC200D	SC250D	SC300D
Capacity (litres)	90	120	150	170	200	250	288
Weight Empty (kg)	19	23	26	30	34	37	43
Weight Full (kg)	109	144	178	202	236	291	334
ErP Energy Efficiency (%)	36	36	36	37	37	38	38
Maximum Water Pressure	10.0 Bar						
Maximum Fill Pressure	3.0 Bar						
Number Of Immersions	1	2	2	2	2	2	2
Coil Rating (kW)	No Coils Available						
ERP Rating	C	C	C	C	C	C	C

# Product Overview:

## INDIRECT UNVENTED CYLINDERS

### PRODUCT SPECIFICATION



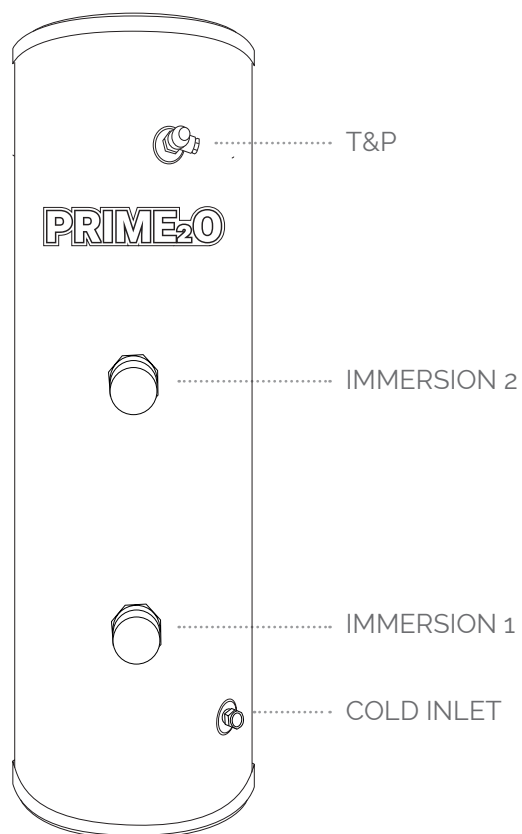
	TAPPING HEIGHTS						
	90	120	150	170	200	250	300
Overall Height	700	888	1075	1203	1389	1684	1924
Diameter	545	545	545	545	545	545	545
Cold Inlet	174	174	174	174	174	174	174
Heating Flow	214	214	294	294	294	334	334
Heating Return	174	174	174	174	174	174	174
Immersion 1	264	264	344	344	364	405	405
Stat	284	284	364	364	364	425	425
Secondary Return	-	-	-	-	1028	1340	1563
T&P	494	682	869	997	1183	1495	1718

	TECHNICAL DETAIL						
	90 Litre	120 Litre	150 Litre	170 Litre	200 Litre	250 Litre	300 Litre
Product Code	SC90I	SC120I	SC150I	SC170I	SC200I	SC250I	SC300I
Capacity (litres)	88	118	147	167	197	247	287
Weight Empty (kg)	22	24	28	32	36	41	46
Weight Full (kg)	110	142	176	200	233	288	332
Heat Loss (kWh/24h)	1.1	1.2	1.32	1.63	1.7	1.99	2.26
Maximum Water Pressure	10.0 Bar						
Maximum Fill Pressure	3.0 Bar						
Number Of Immersions	1	1	1	1	1	1	1
Coil Rating (kW)	15.89	17.76	18.25	19.35	19.94	20.68	23.57
ERP Rating	B	B	B	C	C	C	C

# Product Overview:

## DIRECT SLIMLINE UNVENTED

### PRODUCT SPECIFICATION



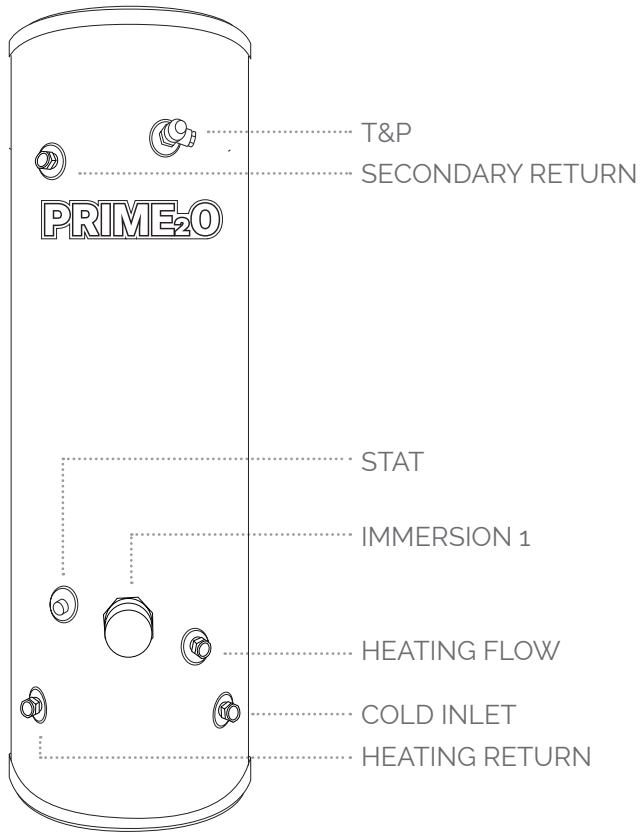
	TAPPING HEIGHTS					
	60	90	120	150	170	200
Overall Height	698	957	1227	1495	1674	1940
Diameter	475	475	475	475	475	475
Cold Inlet	171	171	171	171	171	171
Immersion 1	191	191	191	191	191	191
Immersion 2	-	601	711	790	890	1090
T&P	498	765	1032	1300	1478	1745

	TECHNICAL DETAIL					
	60 Litre	90 Litre	120 Litre	150 Litre	170 Litre	200 Litre
Product Code	SC60SD	SC90SD	SC120SD	SC150SD	SC170SD	SC200SD
Capacity (litres)	60	90	120	150	170	200
Weight Empty (kg)	17	19	23	27	31	35
Weight Full (kg)	77	109	143	177	201	235
ErP Energy Efficiency (%)	37	36	36	36	34	37
Maximum Water Pressure	10.0 Bar					
Maximum Fill Pressure	3.0 Bar					
Number Of Immersions	1	1	2	2	2	2
Coil Rating (kW)	No Coils Available					
ERP Rating	C	C	C	C	C	C

# Product Overview:

## INDIRECT SLIMLINE UNVENTED

### PRODUCT SPECIFICATION



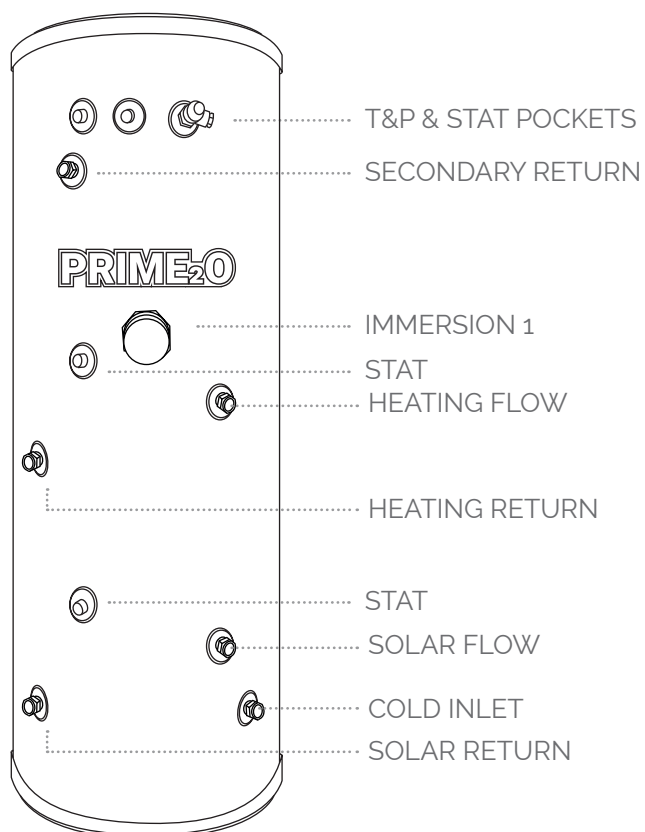
	TAPPING HEIGHTS					
	60	90	120	150	170	200
Overall Height	698	968	1227	1495	1663	1940
Diameter	475	475	475	475	475	475
Cold Inlet	171	171	171	171	171	171
Heating Flow	276	276	276	276	356	356
Heating Return	196	196	196	196	196	196
Immersion 1	326	326	326	326	406	406
Stat	346	346	346	346	426	426
T&P	498	765	1032	1300	1478	1745

	TECHNICAL DETAIL					
	60 Litre	90 Litre	120 Litre	150 Litre	170 Litre	200 Litre
Product Code	SC60SI	SC90SI	SC120SI	SC150SI	SC170SI	SC200SI
Capacity (litres)	58	88	118	148	168	198
Weight Empty (kg)	19	21	24	28	32	36
Weight Full (kg)	77	109	143	177	201	235
Heat Loss (kWh/24h)	1.02	1.14	1.37	1.6	1.7	1.8
Maximum Water Pressure	10.0 Bar					
Maximum Fill Pressure	3.0 Bar					
Number Of Immersions	1	1	1	1	1	1
Coil Rating (kW)	14.62	15.17	18.76	18.82	19.22	19.36
ERP Rating	C	C	C	C	C	C

# Product Overview:

## SOLAR TWIN COIL UNVENTED

### PRODUCT SPECIFICATION



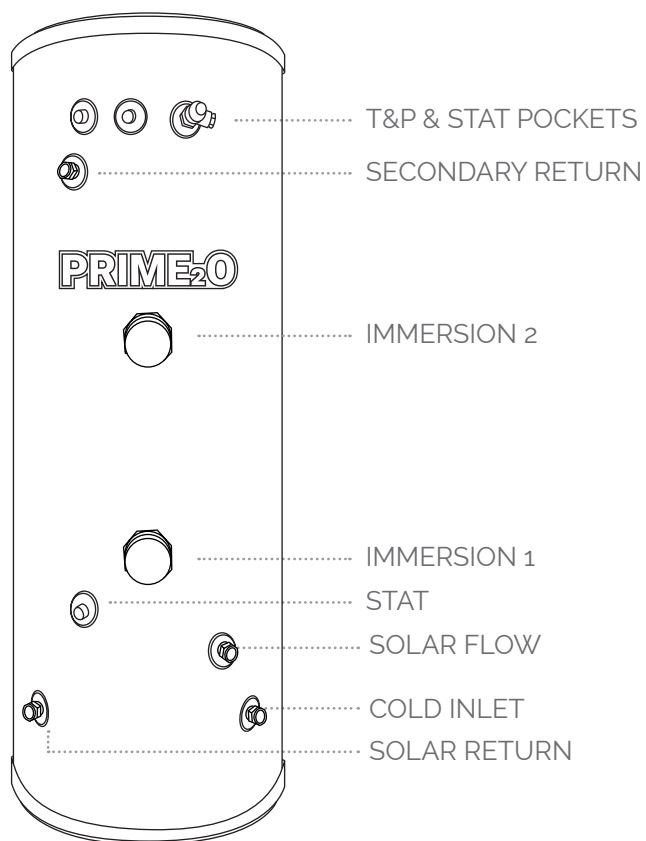
	TAPPING HEIGHTS				
	150	170	200	250	300
Overall Height	1075	1203	1389	1684	1924
Diameter	545	545	545	545	545
Cold Inlet	174	174	174	174	174
Solar Return	194	194	194	194	194
Solar Flow	234	234	234	234	234
Stat	284	284	284	284	284
Heating Return	515	578	631	705	775
Heating Flow	555	618	751	825	895
Stat	625	688	821	895	965
Immersion 1	605	668	801	875	945
Secondary Return	-	-	-	-	1550
T&P & Stat	869	997	1183	1495	1718

	TECHNICAL DETAIL				
	150 Litre	170 Litre	200 Litre	250 Litre	300 Litre
Product Code	SC150T	SC170T	SC200T	SC250T	SC300T
Capacity (litres)	148	168	198	247	286
Weight Empty (kg)	30	34	37	45	49
Weight Full (kg)	178	202	235	292	335
Heat Loss (kWh/24h)	1.32	1.63	1.7	1.99	2.26
Maximum Water Pressure	10.0 Bar				
Maximum Fill Pressure	3.0 Bar				
Number Of Immersions	1	1	1	1	1
Solar Coil Rating (kW)	17.05	17.8	18.76	19.65	21.24
Heating Coil Rating (kW)	17.11	17.87	18.48	19.21	20.16
ERP Rating	B	C	C	C	C

# Product Overview:

## SOLAR DIRECT UNVENTED

### PRODUCT SPECIFICATION



	TAPPING MEASUREMENTS				
	150	170	200	250	300
Overall Height	1075	1203	1389	1684	1924
Diameter	545	545	545	545	545
Cold Inlet	174	174	174	174	174
Solar Return	194	194	194	194	194
Solar Flow	234	234	234	234	234
Stat	284	284	284	284	284
Immersion 1	400	444	525	607	684
Immersion 2	695	782	908	1113	1299
Secondary Return	-	-	1028	1340	1563
T&P & Stat	869	997	1183	1495	1718

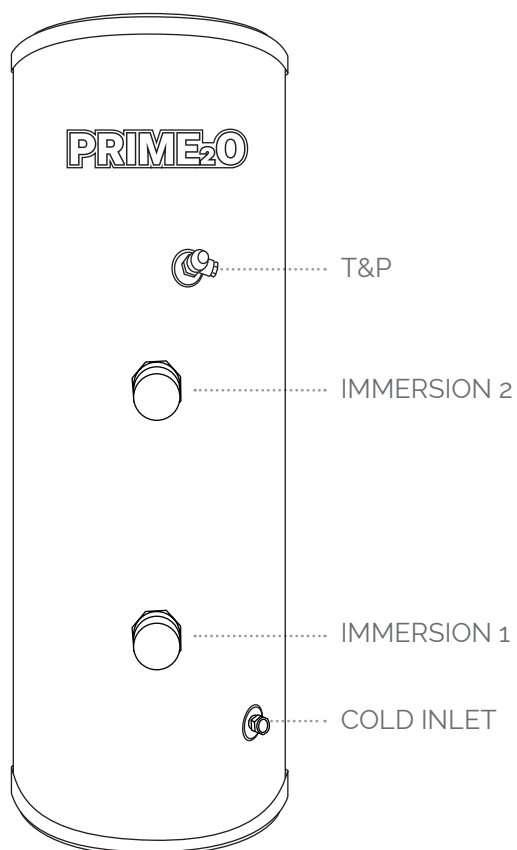
	TECHNICAL DETAIL				
	150 Litre	170 Litre	200 Litre	250 Litre	300 Litre
Product Code	SC150DS	SC170DS	SC200DS	SC250DS	SC300DS
Capacity (litres)	148	168	198	247	286
Weight Empty (kg)	28	32	36	41	46
Weight Full (kg)	175	199	233	288	332
Heat Loss (kWh/24h)	1.32	1.63	1.7	1.99	2.26
Maximum Water Pressure	10.0 Bar				
Maximum Fill Pressure	3.0 Bar				
Number Of Immersions	2	2	2	2	2
Coil Rating (kW)	17.05	17.8	18.76	19.65	21.24
ERP Rating	B	C	C	C	C

# Product Overview:

## DIRECT AIR UNVENTED

## INTERNAL EXPANSION

### PRODUCT SPECIFICATION



	TAPPING HEIGHTS					
	120	150	170	200	250	300
Overall Height	888	1075	1203	1389	1684	1924
Diameter	545	545	545	545	545	545
Cold Inlet	174	174	174	174	174	174
Immersion 1	194	194	194	194	194	194
Immersion 2	498	598	698	798	938	1088
T&P	502	689	764	809	921	1297

	TECHNICAL DETAIL					
	120 Litre	150 Litre	170 Litre	200 Litre	250 Litre	300 Litre
Product Code	SC120DA	SC150DA	SC170DA	SC200DA	SC250DA	SC300DA
Capacity (litres)	107	138	159	181	235	264
Weight Empty (kg)	24	28	32	36	41	46
Weight Full (kg)	131	166	191	217	276	310
ErP Energy Efficiency (%)	36	36	37	37	38	38
Maximum Water Pressure	10.0 Bar					
Maximum Fill Pressure	3.0 Bar					
Number Of Immersions	2	2	2	2	2	2
Coil Rating (kW)	No Coils Available					
ERP Rating	C	C	C	C	C	C

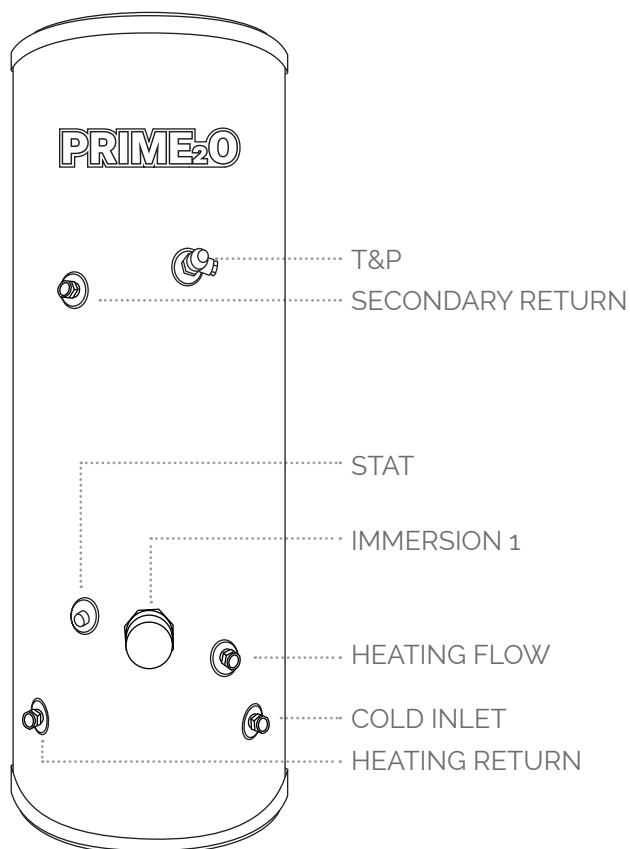


# Product Overview:

## INDIRECT AIR UNVENTED

## INTERNAL EXPANSION

### PRODUCT SPECIFICATION



	TAPPING HEIGHTS					
	120	150	170	200	250	300
Overall Height	888	1075	1203	1389	1684	1924
Diameter	545	545	545	545	545	545
Cold Inlet	174	174	174	174	174	174
Heating Flow	214	294	294	294	334	334
Heating Return	174	174	174	174	174	174
Immersion 1	264	344	344	364	405	405
Stat	284	364	364	364	425	425
Secondary Return	-	-	-	780	890	1267
T&P	502	689	764	809	921	1297

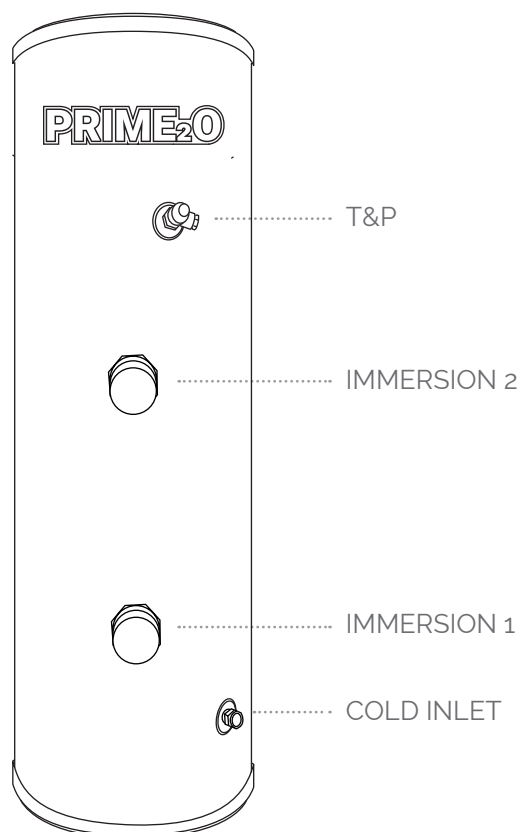
	TECHNICAL DETAIL					
	120 Litre	150 Litre	170 Litre	200 Litre	250 Litre	300 Litre
Product Code	SC120iA	SC150iA	SC170iA	SC200iA	SC250iA	SC300iA
Capacity (litres)	107	138	159	181	235	264
Weight Empty (kg)	24	28	32	36	41	46
Weight Full (kg)	131	166	191	217	276	310
Heat Loss (kWh/24h)	1.2	1.32	1.63	1.7	1.99	2.26
Maximum Water Pressure	10.0 Bar					
Maximum Fill Pressure	3.0 Bar					
Number Of Immersions	1	1	1	1	1	1
Coil Rating (kW)	17.76	18.25	19.35	19.94	20.68	23.57
ERP Rating	B	B	C	C	C	C

# Product Overview:

## DIRECT SLIMLINE AIR

## INTERNAL EXPANSION

### PRODUCT SPECIFICATION



	TAPPING HEIGHTS			
	120	150	170	200
Overall Height	1227	1495	1663	1940
Diameter	475	475	475	475
Cold Inlet	174	174	174	174
Immersion 1	194	194	194	194
Immersion 2	498	598	698	798
T&P	815	1005	1105	1295

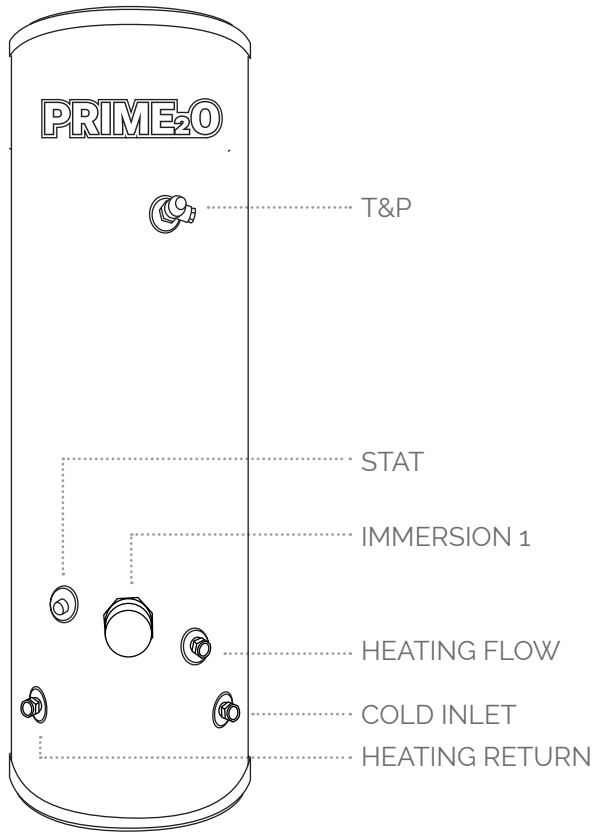
	TECHNICAL DETAIL			
	120 Litre	150 Litre	170 Litre	200 Litre
Product Code	SC120SDA	SC150SDA	SC170SDA	SC200SDA
Capacity (litres)	107	131	149	183
Weight Empty (kg)	24	28	32	36
Weight Full (kg)	131	159	181	219
ErP Energy Efficiency (%)	36	36	34	37
Maximum Water Pressure	10.0 Bar			
Maximum Fill Pressure	3.0 Bar			
Number Of Immersions	2	2	2	2
Coil Rating (kW)	No Coils Available			
ERP Rating	C	C	C	C

# Product Overview:

## INDIRECT SLIMLINE AIR

## INTERNAL EXPANSION

### PRODUCT SPECIFICATION



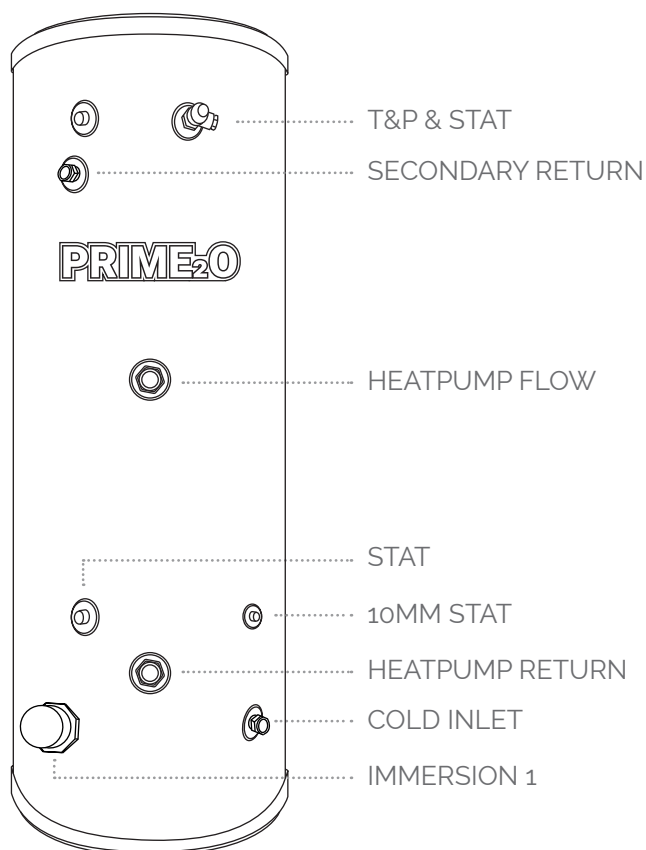
	TAPPING HEIGHTS			
	120	150	170	200
Overall Height	1227	1495	1663	1940
Diameter	475	475	475	475
Cold Inlet	171	171	171	171
Heating Flow	276	276	356	356
Heating Return	196	196	196	196
Immersion 1	326	326	406	406
Stat	346	346	426	426
T&P	815	1005	1105	1295

	TECHNICAL DETAIL			
	120 Litre	150 Litre	170 Litre	200 Litre
Product Code	SC120SIA	SC150SIA	SC170SIA	SC200SIA
Capacity (litres)	104	128	146	170
Weight Empty (kg)	24	28	32	36
Weight Full (kg)	128	156	178	206
Heat Loss (kWh/24h)	1.37	1.6	1.7	1.8
Maximum Water Pressure	10.0 Bar			
Maximum Fill Pressure	3.0 Bar			
Number Of Immersions	1	1	1	1
Coil Rating (kW)	17.76	18.25	19.35	19.94
ERP Rating	C	C	C	C

# Product Overview:

# HEATPUMP UNVENTED

## PRODUCT SPECIFICATION



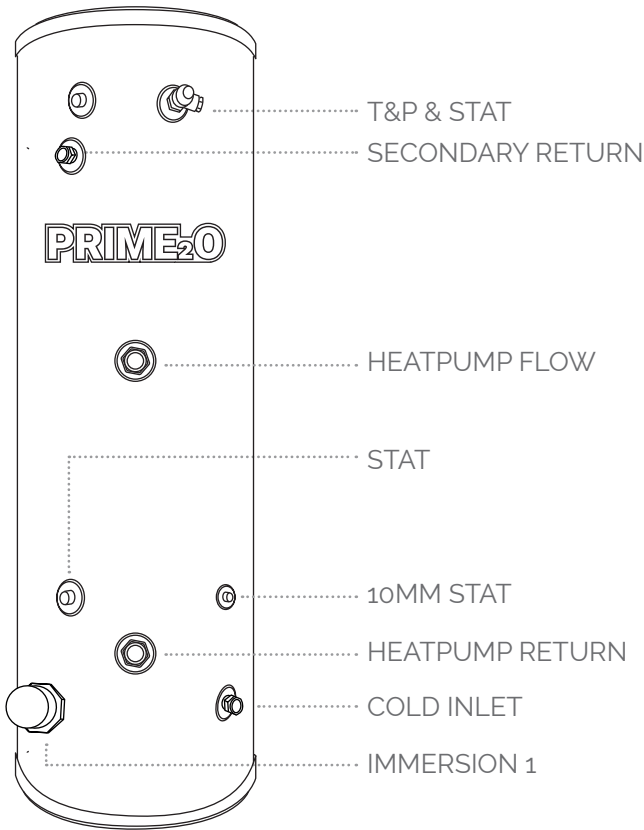
	TAPPING HEIGHTS			
	170	200	250	300
Overall Height	1203	1389	1684	1924
Diameter	545	545	545	545
Cold Inlet	180	180	180	180
Immersion 1	190	190	190	190
Heatpump Return	250	250	250	250
Stat & 10mm Stat	465	465	465	465
Heatpump Flow	715	865	865	865
Secondary Return	-	1028	1340	1563
T&P & Stat	1003	1189	1501	1724

	TECHNICAL DETAIL			
	170 Litre	200 Litre	250 Litre	300 Litre
Product Code	SC170HP	SC200HP	SC250HP	SC300HP
Capacity (litres)	170	200	250	300
Weight Empty (kg)	41	47	51	55
Weight Full (kg)	203	236	290	331
Heat Loss (kWh/24h)	1.63	1.7	1.99	2.26
Maximum Water Pressure	10.0 Bar			
Maximum Fill Pressure	3.0 Bar			
Number Of Immersions	1	1	1	1
Coil Rating (kW)	24.67	31.5	33.08	35.44
Coil Connection Size (mm)	1" F with 28mm Bush	1" F with 28mm Bush	1" F with 28mm Bush	1" F with 28mm Bush
Coil Surface Area (m2)	2.08	2.97	2.97	2.97
ERP Rating	C	C	C	C

# Product Overview:

## HEATPUMP SLIMLINE UNVENTED

### PRODUCT SPECIFICATION



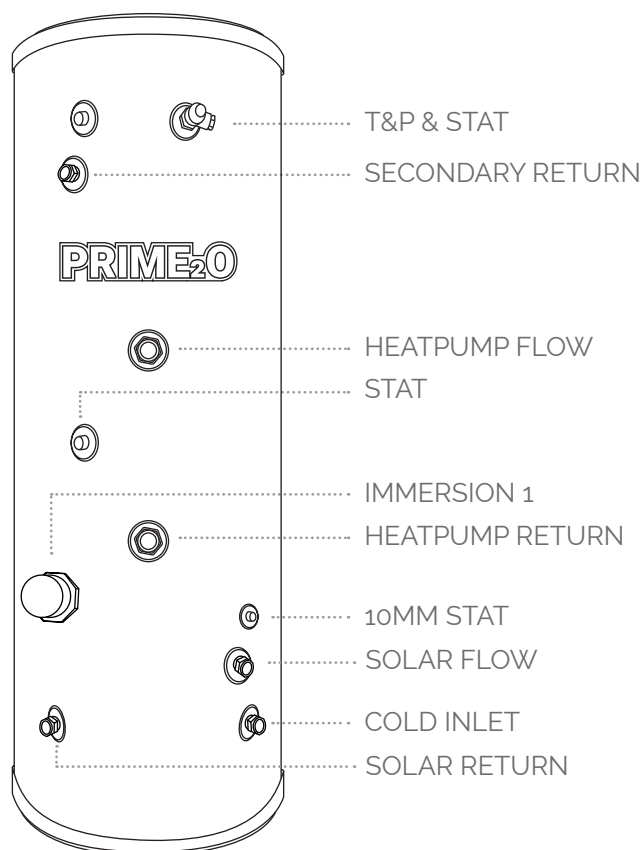
	TAPPING HEIGHTS		
	150	170	200
Overall Height	1496	1674	1941
Diameter	475	475	475
Cold Inlet	180	180	180
Immersion 1	190	190	190
Heatpump Return	250	250	250
Stat & 10mm Stat	550	550	550
Heatpump Flow	925	925	925
Secondary Return	-	-	1632
T&P & Stat	1300	1487	1745

	TECHNICAL DETAIL		
	150 Litre	170 Litre	200 Litre
Product Code	SC150SHP	SC170SHP	SC200SHP
Capacity (litres)	150	197	247
Weight Empty (kg)	36	40	44
Weight Full (kg)	183	207	241
Heat Loss (kWh/24h)	1.6	1.7	1.8
Maximum Water Pressure	10.0 Bar		
Maximum Fill Pressure	3.0 Bar		
Number Of Immersions	1	1	1
Coil Rating (kW)	27.05	28.38	32.3
Coil Connection Size (mm)	3/4" BSP	3/4" BSP	23/4" BSP
Coil Surface Area (m <sup>2</sup> )	2.01	2.01	2.01
ERP Rating	C	C	C

# Product Overview:

## HEATPUMP TWIN COIL UNVENTED

### PRODUCT SPECIFICATION



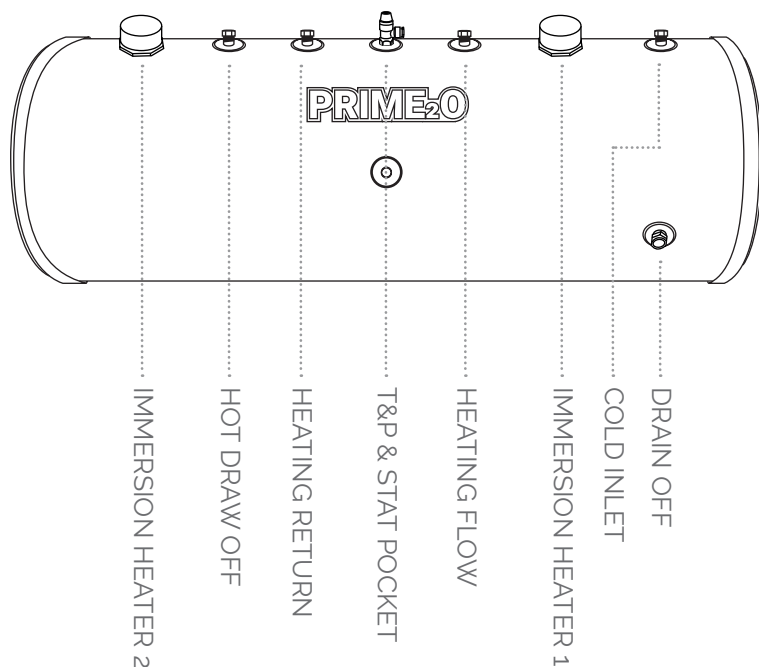
	TAPPING HEIGHTS			
	170	200	250	300
Overall Height	1203	1389	1684	1924
Diameter	545	545	545	545
Cold Inlet	180	180	180	180
Solar Return	180	180	180	180
Solar Flow	220	250	250	250
10mm Stat	250	280	280	280
Immersion	431	431	431	431
Heatpump Return	491	491	491	491
Stat	698	698	698	698
Heatpump Flow	865	865	865	865
Secondary Return	-	1028	1340	1563
T&P & Stat	1003	1189	1501	1724

	TECHNICAL DETAIL			
	170 Litre	200 Litre	250 Litre	300 Litre
Product Code	SC170THP	SC200THP	SC250THP	SC300THP
Capacity (litres)	170	200	250	300
Weight Empty (kg)	43	49	53	57
Weight Full (kg)	205	238	292	333
Heat Loss (kWh/24h)	1.63	1.7	1.99	2.26
Maximum Water Pressure	10.0 Bar			
Maximum Fill Pressure	3.0 Bar			
Number Of Immersions	1	1	1	1
Solar Coil Rating (kW)	17.8	18.76	19.65	21.24
Coil Connection Size (mm)	1" F with 28mm Bush	1" F with 28mm Bush	1" F with 28mm Bush	1" F with 28mm Bush
HP Coil Surface Area (m2)	2.08	2.97	2.97	2.97
ERP Rating	C	C	C	C

# Product Overview:

## HORIZONTAL INDIRECT UNVENTED

### PRODUCT SPECIFICATION



ALL MEASUREMENTS ARE FROM RIGHT TO LEFT

	TAPPING MEASUREMENTS					
	120	150	170	200	250	300
Overall Length	851	1038	1170	1352	1664	1863
Diameter	545	545	545	545	545	545
Cold Inlet	180	180	180	180	419	530
Immersion 1	283	290	200	300	230	280
Heating Flow	386	399	458	601	677	789
T&P & Stat	486	519	583	726	832	944
Heating Return	586	639	708	825	987	1099
Hot Draw Off	671	729	841	1017	1245	1357
Immersion 2	-	838	966	1152	1436	1607

	TECHNICAL DETAIL					
	120 Litre	150 Litre	170 Litre	200 Litre	250 Litre	300 Litre
Product Code	SC120HI	SC150HI	SC170HI	SC200HI	SC250HI	SCHI
Capacity (litres)	118	148	168	198	247	286
Weight Empty (kg)	24	28	32	36	41	46
Weight Full (kg)	142	175	199	233	288	332
Heat Loss (kWh/24h)	1.77	1.82	1.89	2.01	2.16	2.35
Maximum Water Pressure	10.0 Bar					
Maximum Fill Pressure	3.0 Bar					
Number Of Immersions	1	2	2	2	2	2
Coil Rating (kW)	17.76	18.25	19.35	19.94	20.68	23.57
ERP Rating	C	C	C	C	C	C



**STROM**

IT'S ALL IN THE DETAIL

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