

# STUART

## Aquastor Amega

The Aquastor Amega range of unvented indirect hot water cylinders use tank in tank technology which offers fast heat recovery for greater performance.

These cylinders are capable of heating large quantities of water within a very short time, making them ideal for large commercial and industrial applications where a large volume of hot water is required and where demand can peak at different times.



### Features

- Unvented 210 – 600 litre indirect cylinder with external expansion
- 1.5 m<sup>2</sup> – 3.6 m<sup>2</sup> heat exchanger
- Rapid heat up times
- Tank-in-Tank technology
- Suitable for domestic, commercial and industrial applications
- 25 year guarantee on DHW cylinder, 2 years on other components

### Application

- Domestic, commercial and industrial installations where a large volume of hot water and rapid re-heat of water is required
- Applications requiring high performance and where space is restricted

SAA 210 / SAA240 / SAA300

- 1 " BSP primary connection
- ¾ " BSP cold feed/hot draw off

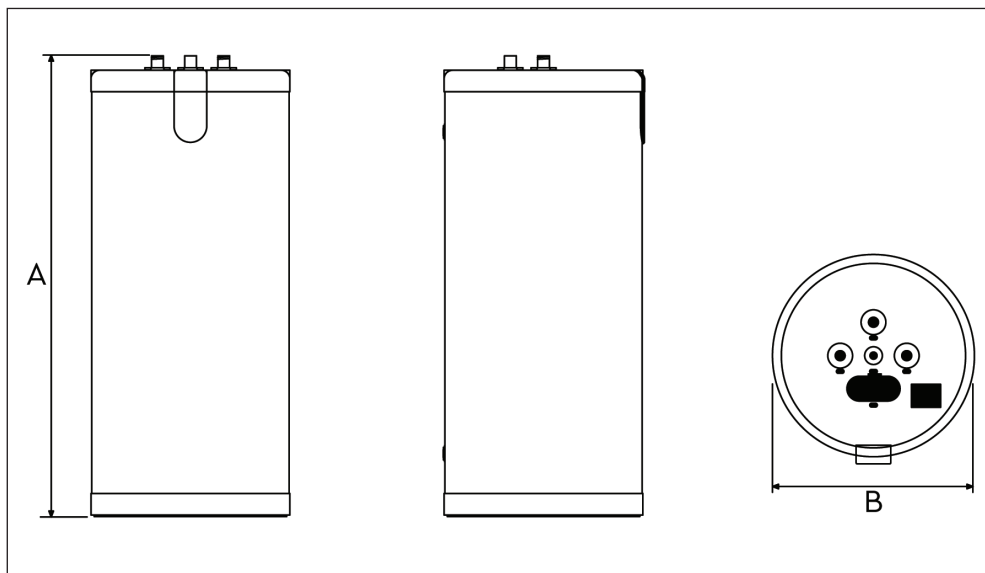
SAA 320 / SAA420

- 1½ " BSP primary connection
- 1½ " BSP cold feed/hot draw off

SAA 600

- 2 " BSP primary connection
- 1½ " BSP cold feed/hot draw off

Model		SAA 210 44562	SAA 240 44563	SAA 300 44564	SAA 320 44565	SAA 420 44566	SAA 600 44567	
General	Guarantee	2 years						
	Approvals	CE						
Features	Capacity – total (litres)	203 litres	242 litres	293 litres	318 litres	413 litres	606 litres	
	Capacity – primary (litres)	77 litres	78 litres	93 litres	55 litres	55 litres	161 litres	
	Heater surface area	1.54 m <sup>2</sup>	1.94 m <sup>2</sup>	2.29 m <sup>2</sup>	2.65 m <sup>2</sup>	3.24 m <sup>2</sup>	3.58 m <sup>2</sup>	
	ErP class	B	B	B	C	C	-	
	External expansion vessel size	12 litres		18 litres	25 litres		60 litres	
Materials	Inner cylinder	Stainless steel (DHW)						
	Outer casing	Co-polymer polypropylene						
Performance	Standing heat loss @ 65 °C (kW/24h)	1.30 kW/24h	1.42 kW/24h	1.66 kW/24h	1.82 kW/24h	2.02 kW/24h	3.55 kW/24h	
	Max operating temperature – DHW	80 °C						
	Max operating pressure – DHW	8.6 bar						
	Max operating pressure – Heating Primary	3 bar			4 bar			
	Peak flow first 10 mins at 45 °C	348 litres	469 litres	600 litres	790 litres	1012 litres	1153 litres	
	Peak flow first hour at 45 °C	1156 litres	1560 litres	1988 litres	2285 litres	2608 litres	2946 litres	
	Continuous flow at 45 °C	970 litres/h	1309 litres/h	1665 litres/h	1794 litres/h	2058 litres/h	2152 litres/h	
	Reheat time (EN 12897:2006)	9 mins			-			
	Max absorbed heat (heat source:boiler)	39 kW	53 kW	68 kW	73 kW	88 kW	88 kW	
	Pre-heating time from 10–80 °C	-			23 mins	24 mins	25 mins	
	Maximum operating pressure	3.5 bar			5.0 bar			
Connections	Connection – cold water feed	¾ " BSP M			1½ " BSP M			
	Connection – DHW	¾ " BSP M			1½ " BSP M			
	Connection – DHW secondary return	¾ " BSP M			1½ " BSP M			
	Connection – primary	1 " BSP F			1½ " BSP F		2 " BSP F	
	Connection – recirculation/safety valve	¾ " M			1½ " M			
Physical	Width	565 mm			673 mm		817 mm	
	Depth	565 mm			673 mm		817 mm	
	Height	1493 mm	1741 mm	2046 mm	1602 mm	2024 mm	1901 mm	
	Weight (including fittings)	66 Kg	76 Kg	87 Kg	141 Kg	167 Kg	238 Kg	
	Weight (filled)	269 Kg	318 Kg	380 Kg	459 Kg	580 Kg	844 Kg	



Model	Dim. 'A'	Dim. 'B'
SAA 210	1493	565
SAA 240	1741	565
SAA 300	2046	565
SAA 320	1602	673
SAA 420	2024	673
SAA 600	1901	817

Stuart Turner Limited reserves the right to amend specifications without notice.