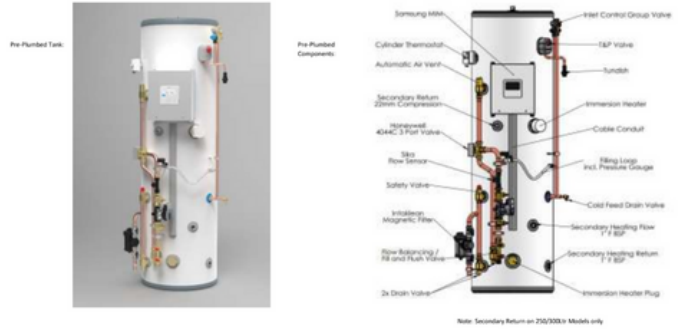


# Specifications

## The Pre-Plumbed Cylinder Range from Samsung



### Main Features

- Manufactured from high-grade 316L Duplex stainless steel
- High Gain, 22mm Dia. smooth Double-Pass coil
- Performance tested to EN12897:2016
- Fully G3-compliant product
- Fitted with colour-coded tapping collars

### Warranty

- 25-Year Tank Shell warranty
- Standard 2-Year Samsung product warranty
- Extended 7-Year Samsung warranty for Samsung trained installers.
- Note: warranty remains 2-years on tank mechanical components ( i.e. pump and motorised valve)

Product Code	ACL150PSW	ACL-180PSW	ACL-180PW	ACL210PW	ACL-250PFW	ACL-300PFW
Pre-Plumbed Indirect unvented tank/integral buffer tank, nominal capacity (Ltr/Ltr)	150/30	180/30	180/50	200/50	250/70	300/70
Useable water volume, V40 (ltr)*	230	280	260	319	393	468
Actual DHW Volume (ltr)	134	162	168	198	236	269
Height (mm)	1898	2045	1751	1939	1980	2183
Diameter (mm)	475	475	540	540	600	600
Weight empty (kg)	75	80	85	90	100	110
Weight full (kg)	214	248	253	288	336	379
Coil Size (m <sup>2</sup> )	1.8	2.0	2.0	2.0	2.5	2.5
Coil rating (kW)	26.6	27.3	25.2	23.6	26.7	25.4
Standing heat loss (kW/24h)	1.64	1.88	1.39	1.49	1.75	2.04
Standing heat loss (W)	68	79	58	62	73	85
Energy Efficiency class	C	C	C	C	C	C
Booster Heater DHW	3kW@230V AC	3kW@230V AC	3kW@230V AC	3kW@230V AC	3kW@230V AC	3kW@230V AC
Buffer tappings 1" @ BSP	2 Primary / 2 secondary	2 Primary / 2 secondary	2 Primary / 2 secondary	2 Primary / 2 secondary	2 Primary / 2 secondary	2 Primary / 2 secondary
Buffer tapping 2 1/4" for optional backup heater	Yes	Yes	Yes	Yes	Yes	Yes
3-Port Diverter Valve 28mm	Honeywell V4044C1288	Honeywell V4044C1288	Honeywell V4044C1288	Honeywell V4044C1288	Honeywell V4044C1288	Honeywell V4044C1288
Sika Flow Meter	Yes	Yes	Yes	Yes	Yes	Yes
Inta Magnetic filter, with multi-layered mesh strainers	Yes	Yes	Yes	Yes	Yes	Yes
DHW Temperature Sensor	Yes	Yes	Yes	Yes	Yes	Yes
Filling loop and fill/flush point	Yes	Yes	Yes	Yes	Yes	Yes
Primary PWM Circulating Pump	Wilo Para 7-50/iPWM	Wilo Para 7-50/iPWM	Wilo Para 7-50/iPWM	Wilo Para 7-50/iPWM	Wilo Para 8-75/iPWM	Wilo Para 8-75/iPWM
DHW Expansion Vessel (L)	12	19	19	19	19	24

G3 Compliance Kit: Expansion vessel, cold water groupset, tundish included with all models.

\*\*Performance Tested to BS EN12897:2016

\*Useable Water Volume measured as per EN12897:2016, primary flow rate 15LPM



All information correct as of 12/12/24