

Care Shower

Model CSABATLF – Healthcare Thermostatic Shower - Datasheet

Description

The Arrow Valves Care Shower is a special thermostatic electric shower (meeting BEAB Care Mark requirements as being safe for use by elderly, young and sick) and Booster Pump package (model CSABATLF).

The assembly has Fluid Category 5 backflow protection via integral AB air gap with booster pump and is therefore suitable for the highest risk applications.

The shower is supplied with a 2 m long hose. The integral backflow protection prevents contamination should the hose become submerged in bath or toilet water. The shower is designed to be easily operated with large tactile buttons and rubber grips on the adjustable spray head. Supplied with spray head, slide rail and additional spray head holder.

The shower provides water at an adjustable maximum temperature setting between 37°C – 48°C (should be restricted on site to 41°C in-line with DO8 recommendations) and has accuracy to $\pm 1^\circ\text{C}$. The sophisticated thermostatic control compensates for changes in:- pressure, incoming temperature and voltage.

The Booster Pump ensures generous flow even when used in low pressure areas. The pump can be installed adjacent to the shower or in another serviceable location up to 10 m away. Automatic pump control is by means of a pressure vessel, industrial pressure switch and a flow sensor. The pump has a "soft start" feature, which avoids water and electrical surges. The pump is protected via low level float switch in the cistern.

Features

- Temperature / pressure / voltage stabilised
- Phased shutdown – reduces hot spots and scale
- High/low flow rate selection button
- Separate temperature control
- Self calibrating
- Booster pump
- Audible beep
- Backlit Power On button
- Low/high flow rate LED
- Low pressure/high temperature LED
- General fault LED
- Water Regulations approved

Supply

15 mm cold water supply is required at a minimum dynamic pressure of 0.5 bar. Max supply pressure 10 bar.

Electrical Specification BTMIDI

Volts/Phase/Frequency	230/1/50	
Motor type		
IP Rating EN60529	IP15 (cabinet)	IP65 (controls)
Power Consumption	350W	
Full Load Current	1.6 A	
Rating	Continuous.	

Electrical Specification - Shower

Supply	207 – 253 V / 50 Hz
Power	8.7 kW @ 240 V (standard) – 40 A fuse
	9.8 kW @ 240 V (optional) – 45 A fuse

Water Regulations

The Care Shower complies with the requirements of the latest Water Regulations when installed and used correctly. The integral AB air gap provides protection against Fluid Category 5 risks – these risks are the highest level. The Care Shower model CSABATLF can therefore be used for all applications.



Care Shower consists of an electric shower and Booster Pump package

Applications

The Care Shower meets BEAB Care Mark requirements as being safe for use by the elderly, young or sick.

- Healthcare – assisted bathing
- Nursing homes
- Veterinary
- Dog grooming
- Medical
- Mortuary
- Butchery
- Bidet and toilet (paperless)

Materials

Pump enclosure	Stainless steel (polished)
Cover, controls, showerhead	ABS
Spray plate	Acetal

Codes and Descriptions

Size	Code	Description
All	CSABATLF	Care Shower & Booster Cat 5 BEAB Care

Specification

Temperature max.	Adjustable 37°C – 48°C
Temperature Restricted	41°C (factory set)
Temperature Accuracy	$\pm 1^\circ\text{C}$
Incoming water supply	2°C – 28°C
Approvals (Shower)	BEAB Care, RNIB, WRAS 1709349, CE Mark

Water Regulations Approval (Booster Pump)	1705332
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Arrow Valves Ltd

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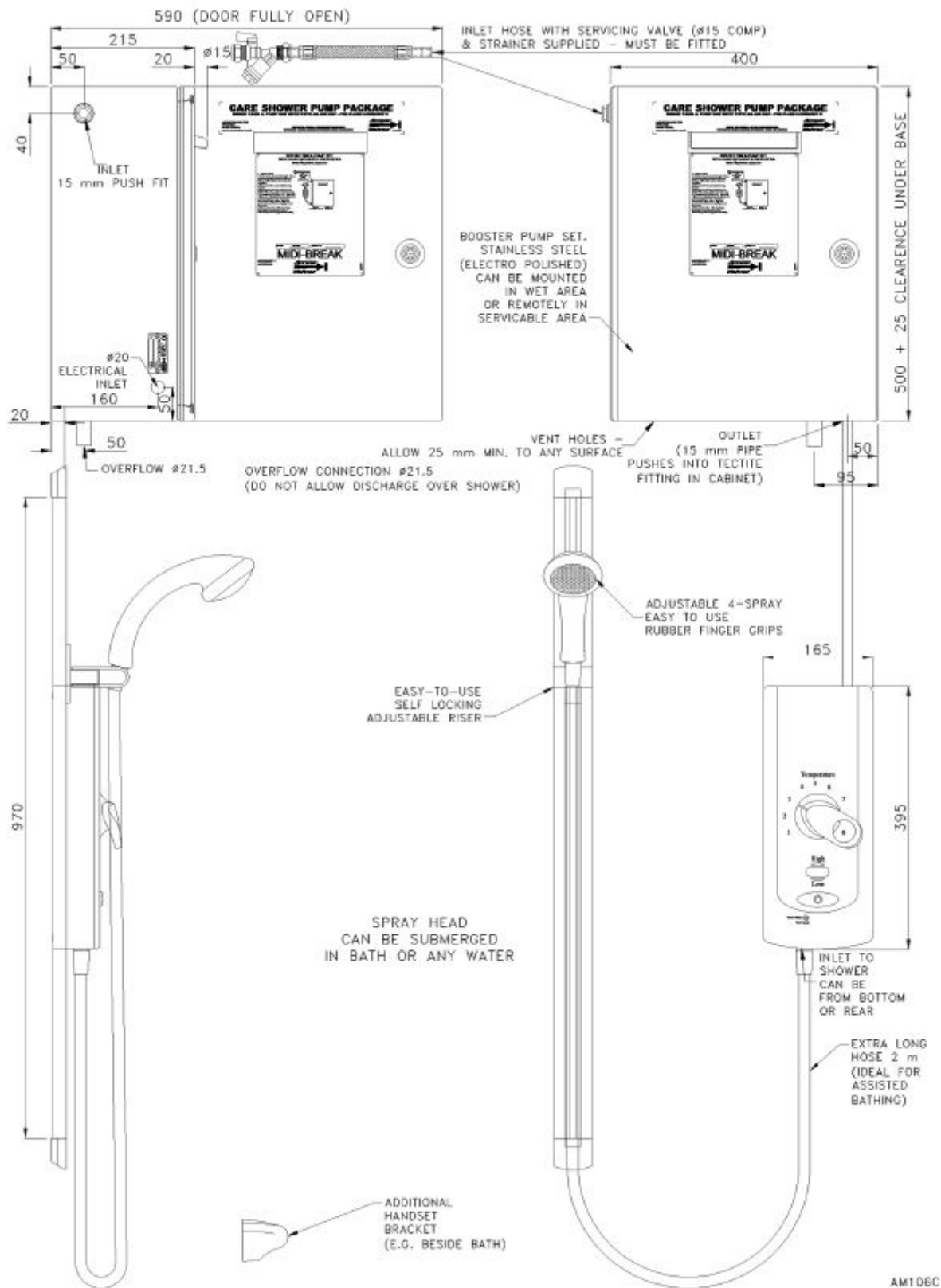
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Dimensions



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