

Care Shower

Model CSABATLF – Healthcare Thermostatic Shower - Datasheet

Description

The Arrow Valves Care Shower is a thermostatic electric shower and booster pump package (model CSABATLF) designed for safe use by the elderly, young, and unwell, meeting BEAB Care Mark standards. The break tank includes a solenoid valve with three electrodes that maintain correct cistern levels and operate more quietly than conventional valves.

It features Fluid Category 5 backflow protection via an integral AB air gap, making it suitable for high-risk applications. The 2 m hose, spray head, slide rail, and additional holder are included, with built-in safeguards to prevent contamination if the hose is submerged in bath or toilet water. Now includes solenoid filling for more reliable and consistent operation.

The shower offers an adjustable temperature range of 37°C–48°C (recommended limit: 41°C per DO8) with $\pm 1^\circ\text{C}$ accuracy. Thermostatic control compensates for changes in pressure, incoming water temperature, and voltage. Large tactile buttons and rubber grips aid ease of use.

The booster pump ensures strong flow even in low-pressure areas. It can be installed up to 10 m from the shower and includes automatic control via a pressure vessel, switch, and flow sensor. A “soft start” prevents surges, and a float switch protects against low water levels.

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

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)

Codes and Descriptions

Size	Code	Description
All	CSABATLF	Care Shower & Booster Cat 5 BEAB Care
All	CSABATLF2A	Care Shower & Booster Cat 5 BEAB Care With BMS Option

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

Supply	Cold Water Supply	mm	15
	Minimum Dynamic Pressure	bar	1
	Max Supply Pressure	bar	10
Electrical Specification BTMIDI	Motor Type		Induction (brushless)
	Voltage / Frequency	V / Hz	230 (1 Phase) / 50
	Full Load Current	A	1.6
	Power Consumption	W	350
	IP Rating EN60529		IP15 (Cabinet) IP65 (Controls)
	Rating		Continuous
	Solenoid Valves	#	1
Electrical Specification Shower	Electrodes	#	3
	Voltage / Frequency	V / Hz	207 - 253 / 50
	Power with a standard 40 A fuse	kW	8.7 @ 240 V
Additional Specification	Power with an optional 45 A fuse	kW	9.8 @ 240 V
	Max Temperature	°C	37 - 48
	Temperature Restricted	°C	41 (Factory Set)
	Temperature Accuracy	°C	± 1
	Incoming water supply temp.	°C	2 - 28
	Shower Approvals		BEAB Care, RNIB, KUKreg4 2308733, CE mark
	BTMIDI Approval (KIWA)		KUKreg4 2205759
Materials	Pump Enclosure		Stainless Steel (polished)
	Cover, controls, showerhead		ABS
	Spray Plate		Acetal

Arrow Valves Ltd

Tel: 01442 823123

Fax: 01442 823234

www.arrowvalves.co.uk

Arrow Valves Ltd reserve the right to change specifications, design and materials at any time without notice.

All unit-less dimensions in mm.

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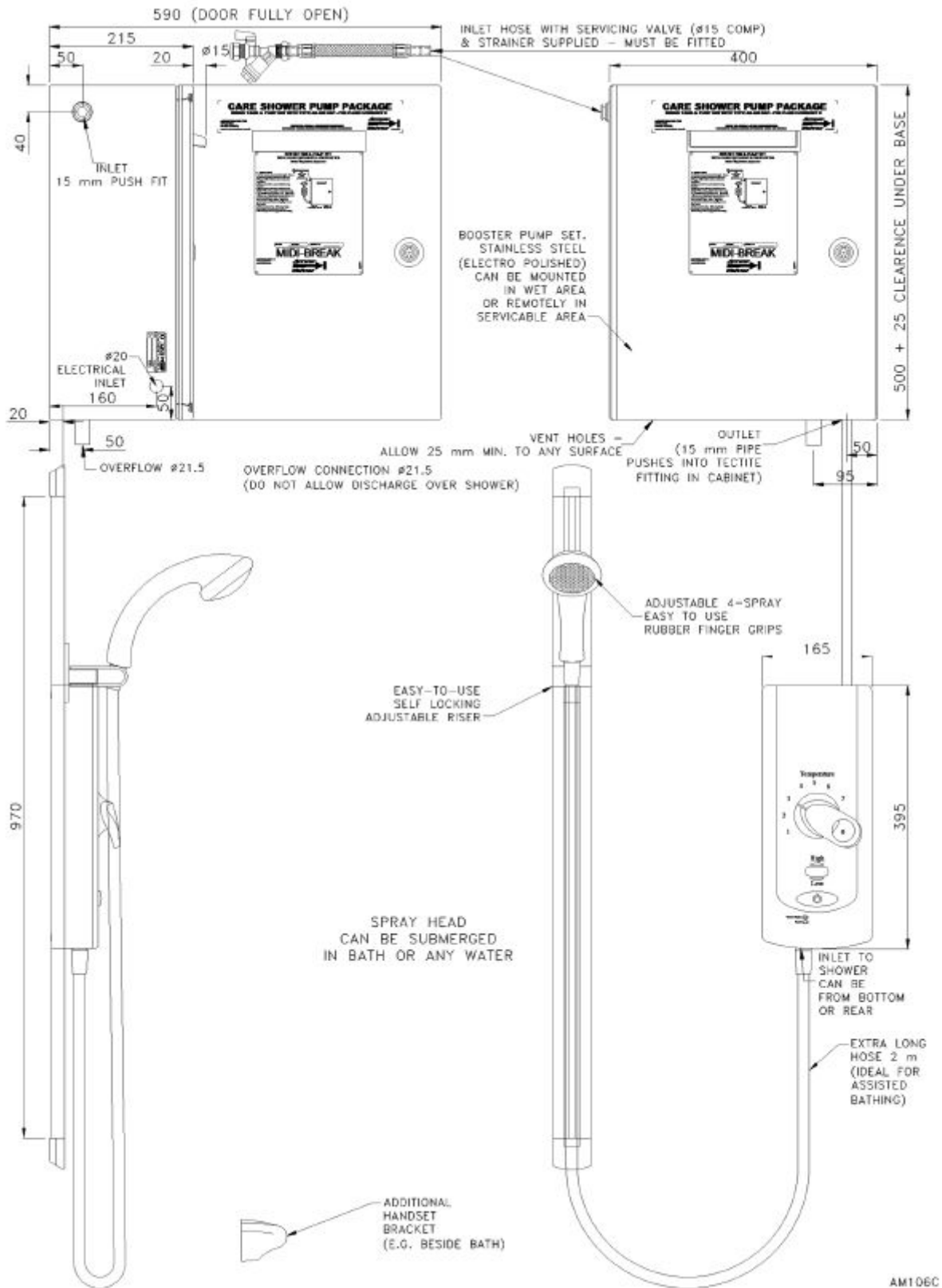


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Dimensions



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