DATA SHEET

10 WARRANTY

AQUA SAFE

Frost protection for pipes, indoors and outdoors

Aqua safe is a compact serial resistive heating cable designed for effective frost protection of pipes in residential and industrial applications. Suitable for drinking water, cooling water, sprinkler systems and drainage, the cable features a durable LSZH outer sheath approved for contact with drinking water, allowing installation both inside drinking water pipes and externally.

Unlike self-regulating heating cables, Aqua safe can be installed in significantly longer lengths without high in rush currents. Its compact design ensures easy installation, while the optimised power output provides reliable frost protection for a wide range of applications.

Supplied ready to use with a factory-fitted plug, Aqua safe is available in various lengths to meet different installation requirements. After installation, the pipe must be covered with suitable thermal insulation. For efficient operation, thermostat control with a sensor positioned beneath the insulation is recommended.

The cable complies with IEC/EN 62395 and is backed by a 10-year warranty.

TECHNICAL DATA

Nominal Power	10 W/m
Supply voltage	230 V
Heating cable dimensions	4.5 mm x 6.5 mm
Conductor insulation	Fluoropolymer
Earthing	Aluminium Mylar tape with cop-per conductor
Heating cable, outher sheath	Polyolefin, LSZH
Colour	Light blue, RAL 5012
Supply cable	3G 1,5; HO5RN-F 1,8 m with Shuko plug
Permissible cable temperature	90 °C
Min. bending radius	28 mm along the thin side
Warranty	10 years
Min. installation temperature	-15 °C
Approval	CE
Standard	IEC/EN 62395, IEC 60800
Tolerance resistance	-5 %...+10 %

APPLICATIONS

Outside of pipe	✓
Inside of pipe	✓



CE

Version 1-102026

Heatcom Corporation A/S
Barmstedt Allé 6
5500 Middelfart
Tel. +45 63 41 77 77
Sales@Heatcom.dk

PRODUCT OVERVIEW

10 WARRANTY

AQUA SAFE

DESCRIPTION	ITEM NO.	OUTPUT	CURRENT	RESISTANCE
Aqua Safe, 10 W/m - 1.0 m	51800010	10 W	0.1 A	5290 Ω
Aqua Safe, 10 W/m - 2.0 m	51800020	20 W	0.1 A	2645 Ω
Aqua Safe, 10 W/m - 4.0 m	51800040	40 W	0.2 A	1325 Ω
Aqua Safe, 10 W/m - 6.0 m	51800060	60 W	0.3 A	880 Ω
Aqua Safe, 10 W/m - 8.0 m	51800080	80 W	0.3 A	660 Ω
Aqua Safe, 10 W/m - 10.0 m	51800100	100 W	0.4 A	530 Ω
Aqua Safe, 10 W/m - 12.0 m	51800120	120 W	0.5 A	440 Ω
Aqua Safe, 10 W/m - 14.0 m	51800140	140 W	0.6 A	380 Ω
Aqua Safe, 10 W/m - 16.0 m	51800160	160 W	0.7 A	330 Ω
Aqua Safe, 10 W/m - 18.0 m	51800180	180 W	0.8 A	290 Ω
Aqua Safe, 10 W/m - 20.0 m	51800200	200 W	0.9 A	265 Ω
Aqua Safe, 10 W/m - 22.0 m	51800220	220 W	1.0 A	240 Ω
Aqua Safe, 10 W/m - 24.0 m	51800240	240 W	1.0 A	220 Ω
Aqua Safe, 10 W/m - 30.0 m	51800300	300 W	1.3 A	175 Ω
Aqua Safe, 10 W/m - 40.0 m	51800400	400 W	1.7 A	130 Ω

ACCESSORIES

DESCRIPTION	ITEM NO.
Aluminium tape 50mm x 25 m 80my	40049008
Thermostat HC 200	52010000
Thermostat TM-1883UTR	52300000
Nippel 3/4" Plugin og PipeHeat	40046990
Connection kit cold lead and end	40049005

LINK TO OUR WEBSITE

Heatcom Corporation A/S
Barmstedt Allé 6
5500 Middelfart
Tel. +45 63 41 77 77
Sales@Heatcom.dk