



AQUA SAFE

Frost protection for pipes, indoors and outdoors

AQUA SAFE is a compact serial resistive heating cable for frost protection of pipes.

The cable has many applications in frost protection, including drinking water, cooling water, sprinkler systems and drainage.

The special outer sheath, made of a material approved for contact with drinking water, allows the cable to be used directly in the drinking water supply as well as on the outside of the pipe.

Serial resistive heating cables have the advantage that they can be installed in very long lengths compared to self-regulating heating cables.

AQUA SAFE is available in lengths that cover most needs, and comes complete with a plug and ready to use.

The cable meets the requirements of IEC/EN 62395, which specifies requirements for frost protection in private homes and industry.

Further information about the product can be found on the datasheet.



Advantages:

- Compact
- Installation in drinking water
- No high starting current
- LSZH outer sheath
- 10-year warranty



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AQUA SAFE

Frost protection for pipes, indoors and outdoors

With its compact dimensions, this serial resistive heating cable can easily be installed inside pipes as well as outside of pipes.

The special outer sheath is made from a material approved for drinking water, and the power is adapted to cover most frost protection needs.

Once the cable has been installed, terminate with suitable insulation.

It is recommended that the cable be controlled by means of a thermostat with a sensor mounted under the insulation.



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 copper conductor
Heating cable, outer sheath	Polyolefin, LSZH
Colour	Light blue, RAL 5012
Cold cable	2 m with Shuko plug
Cold cable type	3G H05RN-F
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
Tolerance resistance	-5 %...+10 %

APPLICATIONS

Outside of pipe	✓
Inside of pipe	✓

ACCESSORIES

Aluminium tape
Thermostat
Brass fitting

LINK TO OUR WEBSITE



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PRODUCT OVERVIEW

10 YEAR
WARRANTY



FROST
PROTECTION

AQUA SAFE

DESCRIPTION	OUTPUT	CURRENT	RESISTANCE
Aqua Safe, 10 W/m - 1.0 m	10 W	0.1 A	5290 Ω
Aqua Safe, 10 W/m - 2.0 m	20 W	0.1 A	2645 Ω
Aqua Safe, 10 W/m - 4.0 m	40 W	0.2 A	1325 Ω
Aqua Safe, 10 W/m - 6.0 m	60 W	0.3 A	880 Ω
Aqua Safe, 10 W/m - 8.0 m	80 W	0.3 A	660 Ω
Aqua Safe, 10 W/m - 10.0 m	100 W	0.4 A	530 Ω
Aqua Safe, 10 W/m - 12.0 m	120 W	0.5 A	440 Ω
Aqua Safe, 10 W/m - 14.0 m	140 W	0.6 A	380 Ω
Aqua Safe, 10 W/m - 16.0 m	160 W	0.7 A	330 Ω
Aqua Safe, 10 W/m - 18.0 m	180 W	0.8 A	290 Ω
Aqua Safe, 10 W/m - 20.0 m	200 W	0.9 A	265 Ω
Aqua Safe, 10 W/m - 22.0 m	220 W	1.0 A	240 Ω
Aqua Safe, 10 W/m - 24.0 m	240 W	1.0 A	220 Ω
Aqua Safe, 10 W/m - 30.0 m	300 W	1.3 A	175 Ω
Aqua Safe, 10 W/m - 40.0 m	400 W	1.7 A	130 Ω

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