DATA SHEET

10 WARRANTY

AQUA PRO

Frost protection for pipes, indoors and outdoors

Aqua Pro 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 and outside of pipes.

Unlike self-regulating heating cables, Aqua Pro can be installed in significantly longer lengths without high inrush currents. Its compact design ensures easy installation, while the optimised power output provides reliable frost protection for a wide range of applications. The cable is available in various lengths and can be adjusted by an electrician to meet specific 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.

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

TECHNICAL DATA

Nominal Power	8.0 – 15.0 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, outher sheath	Polyolefin, LSZH
Colour	Light blue, RAL 5012
Permissible cable temperature	60 °C
Min. bending radius	28 mm (along the thin side)
Warranty	10 years
Min. installation temperature	-15 °C
Min. operating temperature	-40 °C
Approval	CE
Standard	IEC/EN 60800
Tolerance resistance	-5 %...+10 %
Tolerance length	+/- 2 %
Supply cable	Customised

APPLICATIONS

Outside of pipe	✓
Inside of pipe	✓



CE

Version 1-112026

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

PRODUCT OVERVIEW

10 WARRANTY

AQUA PRO

DESCRIPTION	ITEM NO.	NOMINAL POWER	MIN. LENGTH	MAX. LENGTH
Aqua Pro, 1.52 Ω/m	22301520	8.0–15.0 W/m	50 m	65 m
Aqua Pro, 1.00 Ω/m	22301000	8.0–15.0 W/m	60 m	80 m
Aqua Pro, 0.650 Ω/m	22300650	8.0–15.0 W/m	75 m	100 m
Aqua Pro, 0.430 Ω/m	22300430	8.0–15.0 W/m	92 m	122 m
Aqua Pro, 0.285 Ω/m	22300285	8.0–15.0 W/m	113 m	148 m
Aqua Pro, 0.190 Ω/m	22300190	8.0–15.0 W/m	140 m	180 m
Aqua Pro, 0.130 Ω/m	22300130	8.0–15.0 W/m	165 m	215 m
Aqua Pro, 0.090 Ω/m	22300090	8.0–15.0 W/m	200 m	265 m

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

Item No.	22301520 65m	22301000 80m	22300650 100m	22300430 122m	22300285 148m	22300190 180m	22300130 215m	22300090 265m
Cut-off [m]	Nominal power after shortening the cable (Example: For item no. 22301520, when the cable is shortened by 1 metre, the nominal power output changes to 8.5 W/m)							
1	8,5	8,5	8,3	8,4	8,6	8,7	8,9	8,4
2	8,8	8,7	8,5	8,5	8,7	8,8	9,0	8,5
5	9,7	9,4	9,0	9,0	9,1	9,1	9,2	8,7
10	11,5	10,8	10,0	9,8	9,7	9,6	9,7	9,0
15	13,9	12,5	11,3	10,7	10,5	10,2	10,2	9,4
20		14,7	12,7	11,8	11,3	10,9	10,7	9,8
25			14,5	13,1	12,3	11,6	11,3	10,2
30				14,5	13,3	12,4	11,9	10,6
35					14,5	13,2	12,6	11,1
40						14,2	13,3	11,6
45							14,1	12,1
50							14,9	12,7
55								13,3
60								14,0
65								14,7

LINK TO OUR WEBSITE

Heatcom Corporation A/S
Barmstedt Allé 6
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