



Commercial Electric Trace Heating

For Frost Protection and Temperature Maintenance.

Freeze Protection of Pipes

Wintergard.

230V frost protection for pipework at a maximum of 65°C operating temperature.

Ref	Specification
FSA2X	10w/m @ 5°C
FSB2X	26w/m @ 5°C



230V frost protection for pipework at a maximum of 95°C operating temperature and temperature maintenance for metal waste pipes containing fatty waste water.

Ref	Specification
FSC2X	31w/m @ 5°C
	22w/m @ 40°C

Heater Selection

Frost protection up to minus 20°C.

Pipe Dia > (mm)	15	22	28	35	42	54	67	76	108	125	150	200
(inches)	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"
Insulation Thickness (mm)												
10mm	FS-A-2X	FS-B-2X	FS-B-2X	FS-B-2X	FS-B-2X	FS-B-2X	FS-B-2X	FS-B-2X				
15mm	FS-A-2X	FS-A-2X	FS-A-2X	FS-B-2X	FS-B-2X	FS-B-2X	FS-B-2X	FS-B-2X	FS-B-2X			
20mm	FS-A-2X	FS-A-2X	FS-A-2X	FS-A-2X	FS-A-2X	FS-B-2X	FS-B-2X	FS-B-2X	FS-B-2X	FS-B-2X		
25mm	FS-A-2X	FS-A-2X	FS-A-2X	FS-A-2X	FS-A-2X	FS-A-2X	FS-B-2X	FS-B-2X	FS-B-2X	FS-B-2X	FS-B-2X	
30mm	FS-A-2X	FS-A-2X	FS-A-2X	FS-A-2X	FS-A-2X	FS-A-2X	FS-A-2X	FS-B-2X	FS-B-2X	FS-B-2X	FS-B-2X	FS-B-2X
40mm	FS-A-2X	FS-A-2X	FS-A-2X	FS-A-2X	FS-A-2X	FS-A-2X	FS-A-2X	FS-A-2X	FS-B-2X	FS-B-2X	FS-B-2X	FS-B-2X
50mm	FS-A-2X	FS-A-2X	FS-A-2X	FS-A-2X	FS-A-2X	FS-A-2X	FS-A-2X	FS-A-2X	FS-A-2X	FS-B-2X	FS-B-2X	FS-B-2X

Frost protection cables FS-A-2X and FS-B-2X are suitable for any pipe material (metal or plastic) without restriction.

For plastic pipes, please use aluminium adhesive tape AT180. The frost protection cable should be covered over its entire length.