



COMPLEMENTARY PRODUCTS

APPLICATIONS

ROOFS

SOPRAFLOW CONTROL

TECHNICAL DATA SHEET 230703SCANF

(supersedes -)

DESCRIPTION

The SOPRAFLOW CONTROL is designed to regulate the flow of rainwater on flat roofs equipped with SOPRAFLOW ALU aluminum drains.

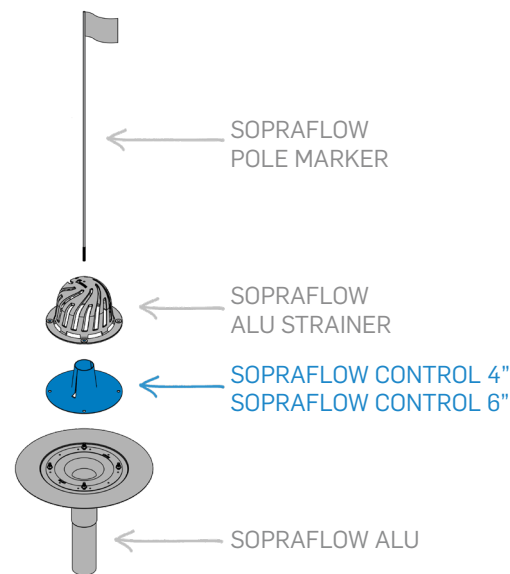
SOPRAFLOW CONTROL is equipped with two adjustable lateral drainage grooves, along with an overflow opening that allows water to be evacuated when its level surpasses the height of the chosen regulator, either 108 mm (4-1/4 in) or 140 mm (5-1/2 in).

INSTALLATION

Determine the maximum water accumulation on the roof and select the corresponding SOPRAFLOW CONTROL flow regulator.

Establish the allowed flow rate for each drain and remove the stamped metal sections to clear the lateral drainage grooves in accordance with the information gathered in the tables on the following pages.

Place the SOPRAFLOW CONTROL on the SOPRAFLOW ALU drain and fasten the SOPRAFLOW ALU STRAINER with nuts and bolts (supplied with SOPRAFLOW ALU drain) to secure the system.



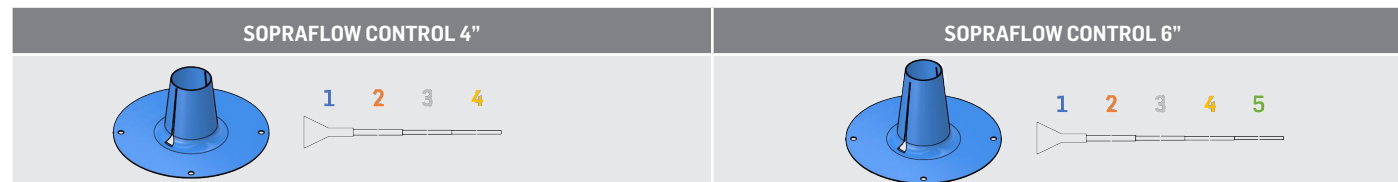
FOR COMPLETE INFORMATION ON PRODUCT INSTALLATION, PLEASE CONSULT YOUR SOPREMA REPRESENTATIVE.

PACKAGING

Specifications	SOPRAFLOW CONTROL
Material	Aluminum
Color	Blue
Weight	0.23 kg (0.5 lb)
Height	SOPRAFLOW CONTROL 4" = 108 mm (4 1/4 in) SOPRAFLOW CONTROL 6" = 140 mm (5 1/2 in)
Thickness	1.5 mm (1/16 in)
Diameter	25.4 cm (10 in)

(Nominal values)

ADJUSTMENT LEVELS



* SOPRAFLOW CONTROL are equipped with two flow regulator adjustment slots.



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SOPRAFLOW CONTROL



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FLOW RATE VOLUME

Flow released according to the height of water at the drain and the opening level of the flow regulator.

Water height at the drain		Flow regulator opening											
		Level 1		Level 2		Level 3		Level 4		Level 5		+ Overflow	
mm	po	L/s	GPM	L/s	GPM	L/s	GPM	L/s	GPM	L/s	GPM	L/s	GPM
SOPRAFLOW CONTROL 4"													
114.3	4.5	0.42	6.7	0.60	9.5	0.73	11.6	0.84	13.4	-	-	14.23	225.5
101.6	4	0.40	6.3	0.56	8.9	0.69	10.9	0.80	12.6	-	-	-	-
88.9	3.5	0.37	5.9	0.53	8.3	0.64	10.2	0.69	11.0	-	-	-	-
76.2	3	0.34	5.5	0.49	7.7	0.60	9.5	0.60	9.5	-	-	-	-
63.5	2.5	0.31	5.0	0.44	7.0	0.49	7.8	0.49	7.8	-	-	-	-
50.8	2	0.28	4.5	0.40	6.3	0.40	6.3	0.40	6.3	-	-	-	-
38.1	1.5	0.24	3.9	0.29	4.7	0.29	4.7	0.29	4.7	-	-	-	-
25.4	1	0.20	3.2	0.20	3.2	0.20	3.2	0.20	3.2	-	-	-	-
12.7	0.5	0.10	1.6	0.10	1.6	0.10	1.6	0.10	1.6	-	-	-	-
SOPRAFLOW CONTROL 6"													
152.4	6	0.49	7.7	0.69	10.9	0.84	13.4	0.97	15.4	1.09	17.3	13.31	210.9
139.7	5.5	0.47	7.4	0.66	10.4	0.81	12.8	0.93	14.8	1.04	16.5	-	-
127	5	0.44	7.0	0.63	10.0	0.77	12.2	0.89	14.1	0.99	15.8	-	-
114.3	4.5	0.42	6.7	0.60	9.5	0.73	11.6	0.84	13.4	0.89	14.2	-	-
101.6	4	0.40	6.3	0.56	8.9	0.69	10.9	0.80	12.6	0.80	12.6	-	-
88.9	3.5	0.37	5.9	0.53	8.3	0.64	10.2	0.69	11.0	0.69	11.0	-	-
76.2	3	0.34	5.5	0.49	7.7	0.60	9.5	0.60	9.5	0.60	9.5	-	-
63.5	2.5	0.31	5.0	0.44	7.0	0.49	7.8	0.49	7.8	0.49	7.8	-	-
50.8	2	0.28	4.5	0.40	6.3	0.40	6.3	0.40	6.3	0.40	6.3	-	-
38.1	1.5	0.24	3.9	0.29	4.7	0.29	4.7	0.29	4.7	0.29	4.7	-	-
25.4	1	0.20	3.2	0.20	3.2	0.20	3.2	0.20	3.2	0.20	3.2	-	-
12.7	0.5	0.10	1.6	0.10	1.6	0.10	1.6	0.10	1.6	0.10	1.6	-	-



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SOPRAFLOW CONTROL



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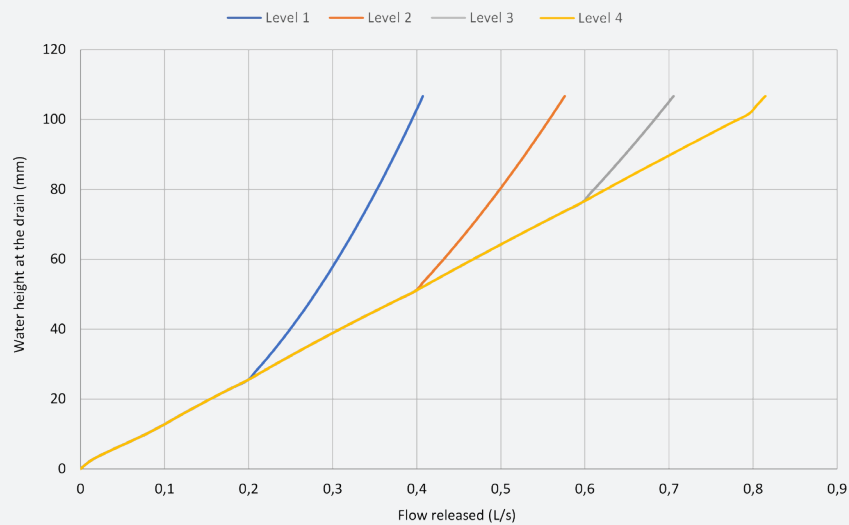
TECHNICAL DATA SHEET 230703SCANF

(supersedes -)

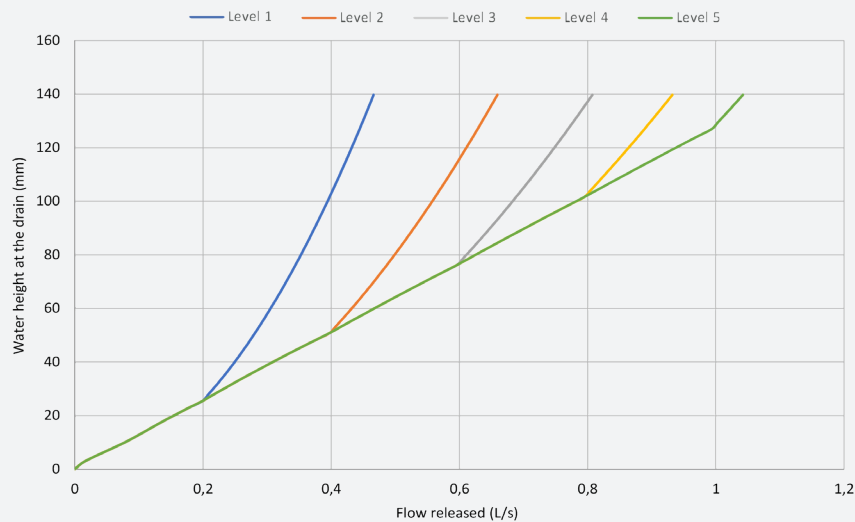
FLOW RATE VOLUME - Graphic (metric system)

Flow (L/s) released according to the height of water at the drain (mm) and the opening level of the flow regulator.

SOPRAFLOW CONTROL 4"



SOPRAFLOW CONTROL 6"



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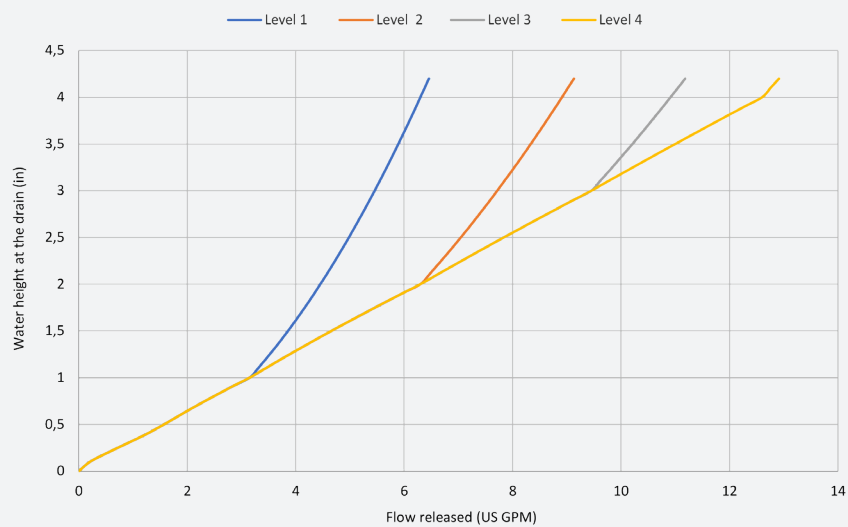
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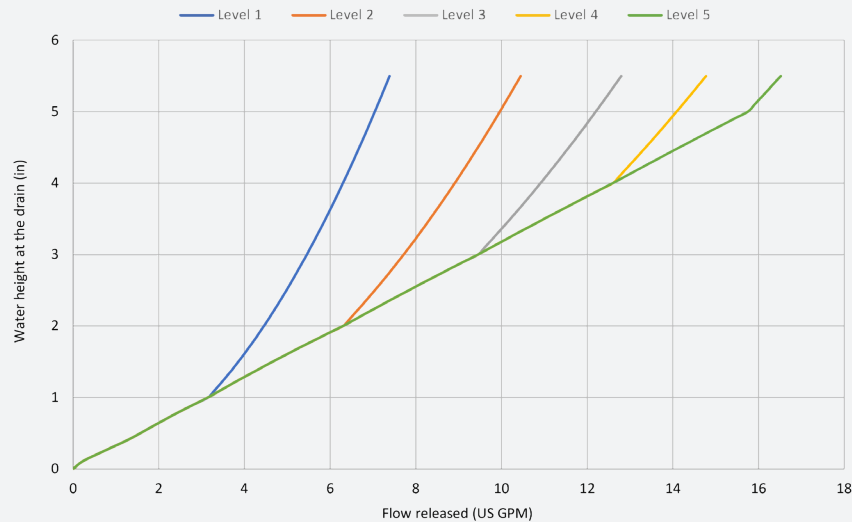
FLOW RATE VOLUME - Graphic (imperial system)

Flow (GPM) released according to the height of water at the drain (in) and the opening level of the flow regulator.

SOPRAFLOW CONTROL 4"



SOPRAFLOW CONTROL 6"



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