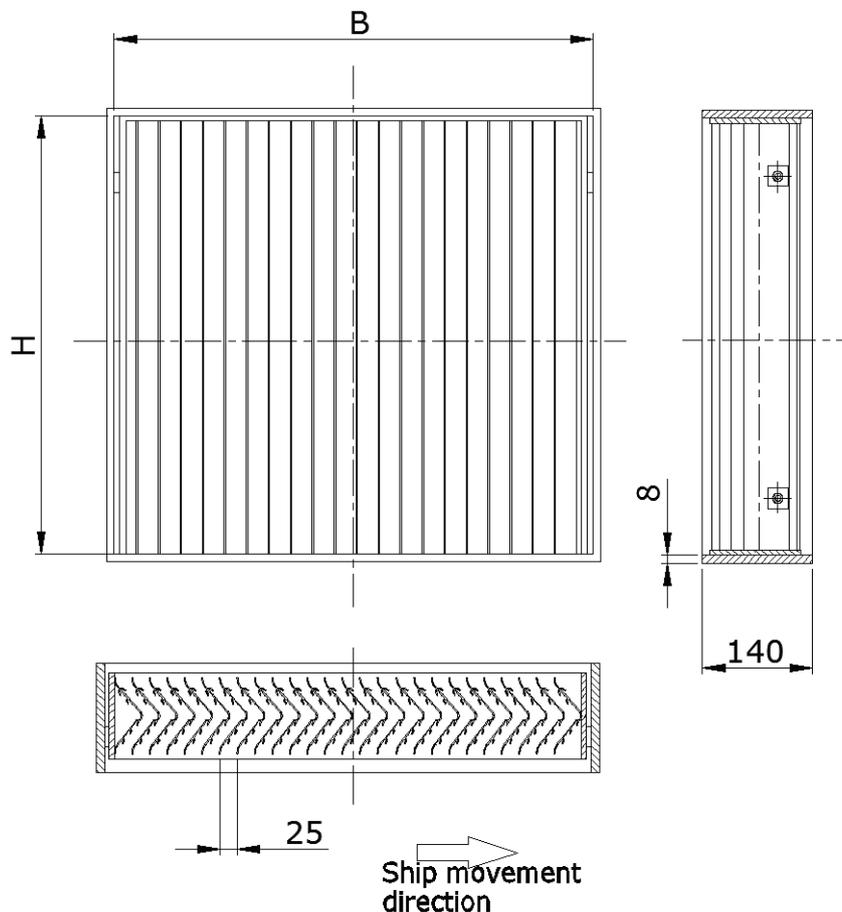


DESCRIPTION

Marine ventilation louvers with droplets eliminators are destined for installation on steel or aluminum walls of superstructures on seagoing ships as air supply units of ventilation systems. Construction is based on standard DIN 83409 with significant extending of size range. Louvers are provided with detachable blade frame that makes easy installation as well as access for maintenance. Frame consists of specially shaped, vertical, high-efficiency droplet separating profiles. Louvers may be fitted in positions where weather tight closing devices (Convention ILL 1966) are not required. Regulations of SOLAS for fire closing of external ventilation openings are to be observed. Louvers can be also delivered with non-standard dimensions on request.

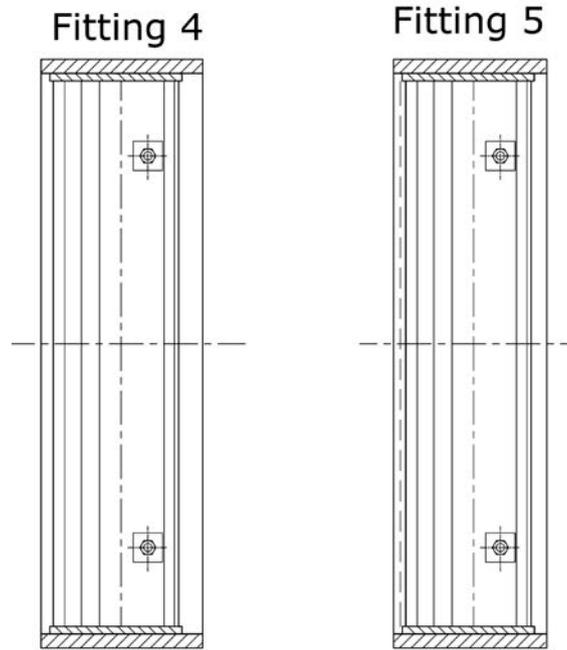
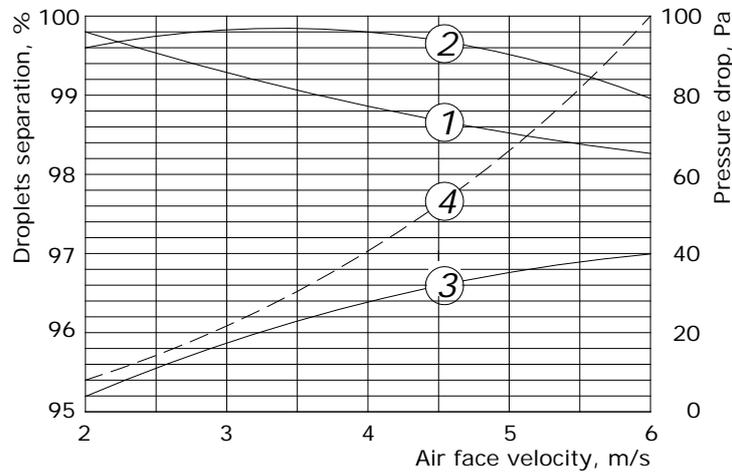

TECHNICAL SPECIFICATION & DIMENSIONS

- Steel louvers made of carbon steel St3St, with brass swing nuts, all bolts and pins of stainless steel. Droplet separating profiles – stainless steel.
- Aluminum louvers of alloy PA2, nuts, bolts and pins as above. Droplet separating profiles – stainless steel.
- Surface treatment: steel louvers frame and cover painted with marine epoxy paint SWA 7423-013-250, blade frame hot-dip galvanized. Aluminum louvers do not require any preservation.

Fittings:

4 – louver with blade frame, without wire gauze

5 – louver with blade frame and wire gauze of 10mm mesh


PERFORMANCE CHART


- ① - rain, droplets 100 μm , 10 litres/min/m²
- ② - rain, droplets 100 μm , 25 litres/min/m²
- ③ - fog, droplets 30 μm
- ④ - pressure drop, Pa

MARKING
Example: lover of size BxH=900x500, with fittings 5, made of steel: 900x500-5-St



Size BxH mm	Weight of steel louver, kg		Weight of aluminium louver, kg		Effective area m ²	
	Fitting		Fitting		Fitting	
	4	5	4	5	4	5
250x200	12,3	13,2	8,9	9,7	0,026	0,020
250x250	13,5	15,4	5,9	6,6	0,033	0,026
300x200	13,5	14,7	5,9	6,5	0,032	0,025
300x300	16,2	18,2	8,5	7,9	0,048	0,038
300x400	23,2	21,4	8,5	9,4	0,064	0,051
300x500	22,2	24,8	9,7	10,7	0,080	0,064
400x200	16,4	17,5	7,1	7,9	0,042	0,033
400x300	19,7	21,6	8,6	9,4	0,064	0,051
400x400	21,1	23,7	10,3	11,2	0,085	0,068
400x500	26,4	29,6	11,6	12,7	0,106	0,084
400x600	34,2	37,8	15,3	16,7	0,127	0,100
400x750	40,4	44,7	17,9	20,0	0,159	0,127
500x200	19,0	20,2	8,2	8,8	0,053	0,042
500x300	22,9	25,1	10,2	10,9	0,079	0,063
500x400	27,2	29,6	11,8	12,7	0,106	0,086
500x500	34,8	37,9	15,5	16,8	0,132	0,106
500x600	40,4	43,9	17,9	19,5	0,159	0,127
500x750	47,3	52,1	21,1	23,1	0,198	0,158
500x900	54,5	60,1	24,5	26,8	0,238	0,190
600x400	34,6	37,5	15,4	16,5	0,127	0,106
600x500	40,1	43,5	18,0	19,3	0,159	0,127
600x600	45,5	49,7	20,4	22,0	0,191	0,254
600x1000	71,1	76,2	31,7	33,9	0,318	0,42
750x400	41,5	44,7	18,4	19,9	0,159	0,127
750x500	47,6	51,7	21,5	22,9	0,198	0,159
750x750	59,6	64,4	26,4	28,4	0,298	0,238
750x1000	83,1	74,8	37,5	40,0	0,397	0,318
750x1200	120,9	127,9	55,2	53,3	0,477	0,382
900x500	55,8	60,1	27,8	26,4	0,238	0,191
1000x600	71,0	76,2	32,0	33,8	0,317	0,254
1000x750	83,6	90,1	37,5	40,1	0,398	0,318
1200x750	120,7	129,9	55,2	58,1	0,470	0,376