



## OVERPRESSURE DAMPER PITCH 50 FOR WALL

### OVERVIEW

## WS SERIES

WS: overpressure dampers to protect air intake or expulsion openings

WSE: for air expulsion.

WSI: for air intake.

#### CHARACTERISTICS:

Frame: made from extruded aluminium, 25 mm wide, with rounded edges, constructed in four parts connected invisibly by mechanical assembly.

Fins: made of extruded aluminium with 50 mm spacing, inserted into a plastic guide support incorporated into the frame.

Transverse reinforcement: provided on all sizes with base dimension greater than 800 mm.

Protection grille: available in the UR version with fixed inclined fins and in the UQ version with square mesh.

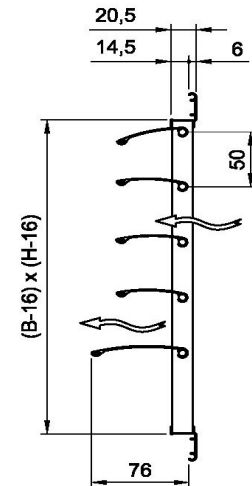
Bird protection net: available.

Grille installation: with traditional screw system directly in the duct or on the wall.

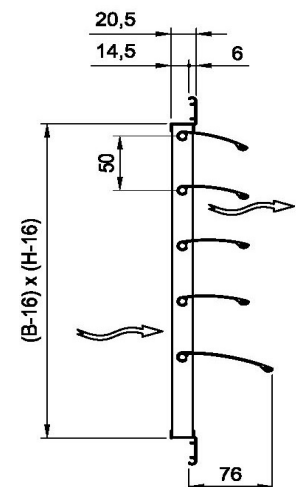
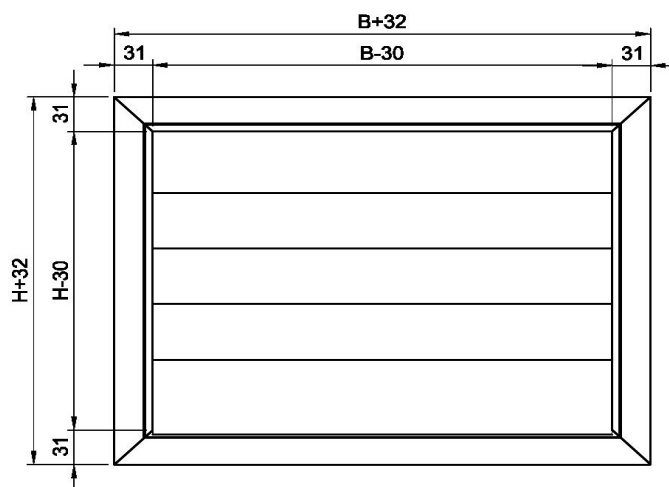
Finish: available in natural anodised aluminium painting available on request.

#### UNSUITABLE ENVIRONMENTS

The aluminum products are not suitable for installation in environments with an atmosphere containing corrosive substances for this material and in particular containing chlorine, such as swimming pools, spas and some types of



WSI - intake



WSE - expulsion



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**OVERVIEW**

**WS  
SERIES**

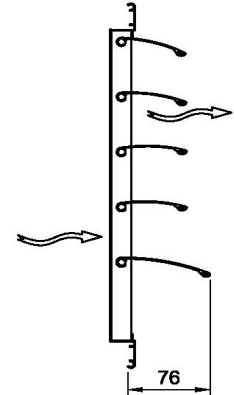
**WSE RE:** Overpressure damper for air expulsion with bird protection net.

**WSI UQ:** Overpressure damper for air intake with protection grille UQ with square mesh.

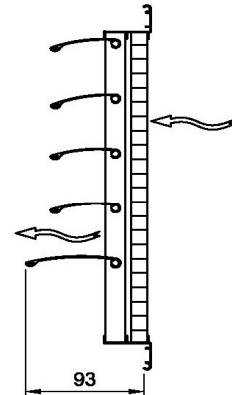
**WSI UR:** Overpressure damper for air intake with protection grille UR with fixed inclined fins.

**WSE UR:** Overpressure damper for air expulsion with protection grille with fixed inclined fins.

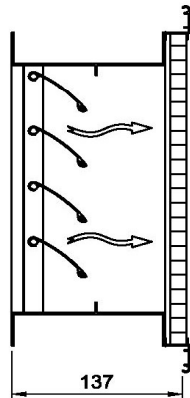
**WSE UQ:** Overpressure damper for air expulsion with protection grille UQ with square mesh.



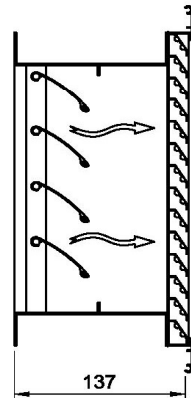
**WSE+RE with bird protection net**



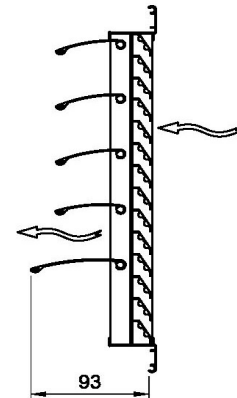
**WSI+UQ with square mesh grille**



**WSE+UQ with square mesh grille**



**WSE+UR with fixed fins grille**



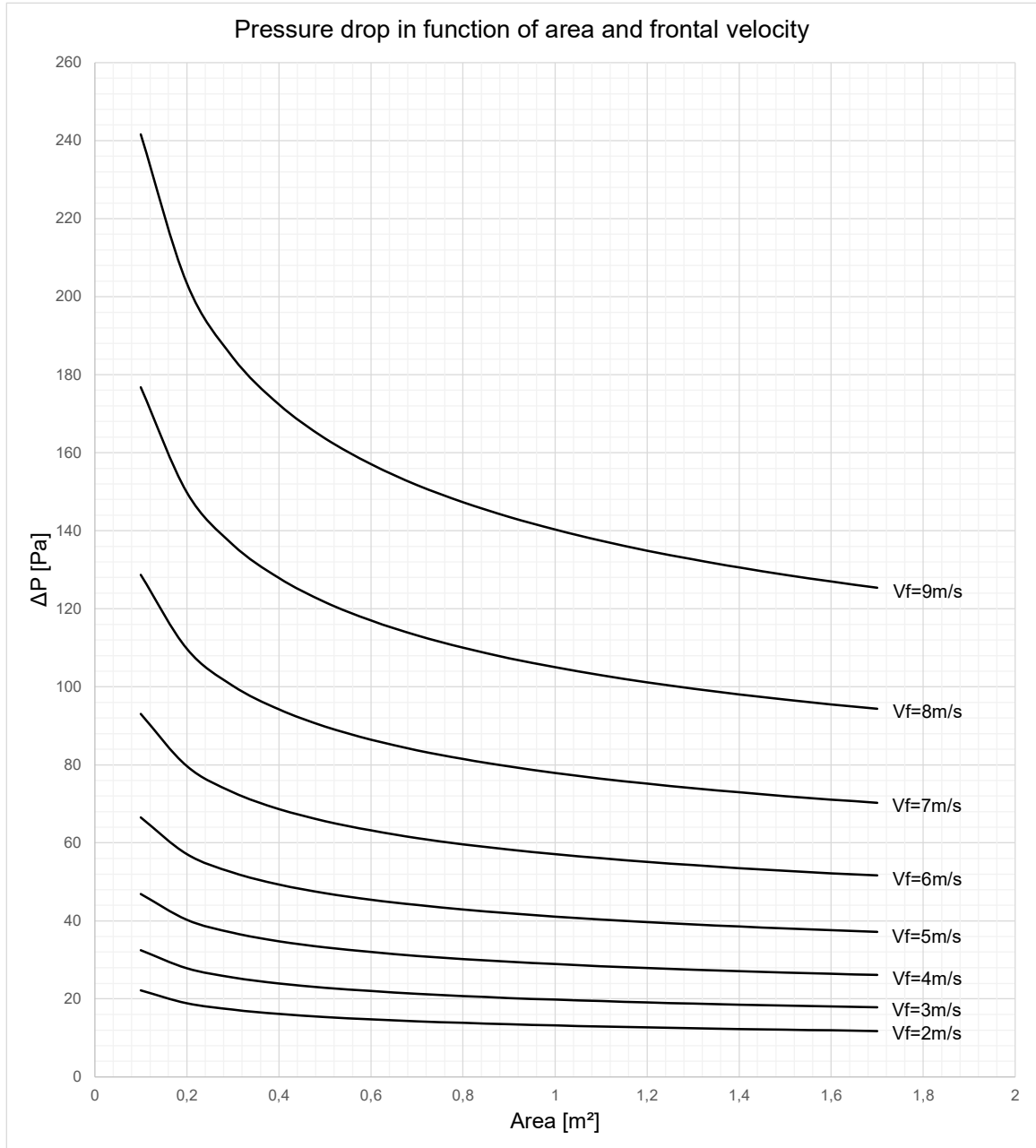
**WSI+UR with fixed fins grille**



**OVERPRESSURE DAMPER  
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**WS  
SERIES**

**PERFORMANCE**





## OVERPRESSURE DAMPER PITCH 50 FOR WALL

WS  
SERIES

### WEIGHTS

**WEIGHT [kg] WSE - WSI**

HEIGHT [mm]	BASE [mm]															
	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	
200	0,36	0,48	0,59	0,71	0,82	0,93	1,08	1,19	1,30	1,42	1,54	1,64	1,76	1,92	2,03	
300	0,48	0,63	0,79	0,93	1,09	1,24	1,43	1,59	1,74	1,90	2,04	2,20	2,35	2,57	2,71	
400	0,59	0,79	0,97	1,16	1,35	1,54	1,80	1,99	2,18	2,37	2,56	2,75	2,95	3,21	3,40	
500	0,71	0,93	1,16	1,39	1,61	1,84	2,16	2,39	2,62	2,85	3,08	3,31	3,53	3,85	4,08	
600	0,81	1,08	1,35	1,61	1,88	2,15	2,53	2,79	3,06	3,33	3,60	3,86	4,12	4,50	4,76	
700	0,93	1,24	1,53	1,84	2,15	2,46	2,88	3,19	3,50	3,80	4,10					
800	1,04	1,38	1,73	2,07	2,42	2,76	3,25	3,59	3,94	4,27	4,62					
900	1,15	1,53	1,92	2,30	2,68	3,06	3,61	3,99	4,37	4,75	5,14					
1000	1,27	1,69	2,11	2,52	2,95	3,37	3,97	4,39	4,81	5,23	5,64					
1100	1,38	1,84	2,29	2,75	3,21	3,68	4,33	4,79	5,25	5,70	6,16					
1200	1,50	1,99	2,48	2,98	3,48	3,97	4,69	5,19	5,68	6,18	6,68					

**WEIGHT [kg] WSI UQ**

HEIGHT [mm]	BASE [mm]															
	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	
200	0,55	0,74	0,93	1,11	1,30	1,47	1,67	1,86	2,04	2,23	2,40	2,60	2,77	3,00	3,18	
300	0,74	1,00	1,24	1,50	1,75	1,97	2,26	2,52	2,76	3,01	3,26	3,51	3,75	4,06	4,31	
400	0,93	1,24	1,56	1,89	2,20	2,47	2,86	3,17	3,48	3,80	4,11	4,42	4,74	5,12	5,44	
500	1,11	1,49	1,89	2,27	2,65	2,99	3,45	3,82	4,21	4,58	4,95	5,34	5,71	6,18	6,56	
600	1,29	1,75	2,20	2,65	3,11	3,49	4,03	4,48	4,92	5,36	5,81	6,25	6,70	7,25	7,68	
700	1,46	1,96	2,47	2,98	3,49	3,99	4,63	5,13	5,64	6,15	6,66					
800	1,64	2,21	2,79	3,36	3,92	4,50	5,22	5,79	6,36	6,93	7,51					
900	1,82	2,46	3,10	3,73	4,38	5,01	5,81	6,45	7,08	7,73	8,36					
1000	2,01	2,71	3,41	4,11	4,81	5,51	6,40	7,10	7,81	8,51	9,21					
1100	2,19	2,95	3,72	4,49	5,25	6,02	6,99	7,76	8,53	9,29	10,06					
1200	2,36	3,20	4,03	4,86	5,70	6,53	7,59	8,42	9,24	10,08	10,91					

**WEIGHT [kg] WSI UR**

HEIGHT [mm]	BASE [mm]															
	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	
200	0,64	0,88	1,12	1,36	1,60	1,86	2,14	2,38	2,63	2,86	3,10	3,37	3,61	3,88	4,13	
300	0,87	1,22	1,56	1,89	2,24	2,61	3,01	3,36	3,69	4,03	4,38	4,75	5,09	5,49	5,83	
400	1,12	1,55	1,99	2,44	2,87	3,36	3,89	4,32	4,76	5,21	5,64	6,13	6,58	7,08	7,53	
500	1,35	1,89	2,44	2,97	3,51	4,12	4,74	5,28	5,83	6,36	6,90	7,52	8,06	8,69	9,23	
600	1,59	2,23	2,87	3,51	4,15	4,87	5,61	6,26	6,89	7,53	8,17	8,89	9,54	10,28	10,92	
700	1,83	2,57	3,30	4,05	4,79	5,62	6,49	7,22	7,96	8,71	9,44					
800	2,07	2,90	3,75	4,58	5,42	6,38	7,36	8,19	9,04	9,87	10,72					
900	2,30	3,25	4,18	5,12	6,06	7,12	8,22	9,17	10,10	11,05	11,98					
1000	2,55	3,58	4,62	5,66	6,70	7,87	9,10	10,13	11,18	12,21	13,25					
1100	2,78	3,92	5,06	6,20	7,33	8,63	9,96	11,10	12,24	13,37	14,52					
1200	3,02	4,26	5,50	6,73	7,97	9,38	10,83	12,07	13,30	14,55	15,78					



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**WS  
SERIES**

**WEIGHTS**

**WEIGHT [kg] WSE UQ**

HEIGHT [mm]	BASE [mm]														
	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600
200	1,02	1,36	1,69	2,03	2,36	2,50	2,85	3,15	3,46	3,77	4,08	4,38	4,69	5,03	5,34
300	1,38	1,79	2,19	2,59	2,99	3,10	3,50	3,87	4,23	4,59	4,94	5,31	5,67	6,08	6,44
400	1,75	2,22	2,68	3,15	3,62	3,69	4,17	4,59	5,00	5,41	5,82	6,24	6,65	7,13	7,54
500	2,11	2,64	3,18	3,71	4,24	4,28	4,84	5,31	5,77	6,23	6,70	7,17	7,62	8,18	8,65
600	2,47	3,07	3,67	4,27	4,87	4,88	5,51	6,02	6,54	7,06	7,58	8,09	8,61	9,24	9,75
700	2,63	3,21	3,77	4,34	4,91	5,48	6,17	6,74	7,31	7,88	8,45				
800	2,97	3,59	4,21	4,83	5,46	6,07	6,84	7,46	8,09	8,70	9,33				
900	3,30	3,97	4,65	5,33	5,99	6,67	7,51	8,18	8,85	9,53	10,21				
1000	3,64	4,37	5,09	5,81	6,54	7,27	8,18	8,90	9,63	10,36	11,08				
1100	3,97	4,75	5,52	6,30	7,09	7,87	8,84	9,62	10,40	11,17	11,95				
1200	4,31	5,13	5,97	6,80	7,63	8,46	9,51	10,34	11,17	12,00	12,83				

**WEIGHT [kg] WSE UR**

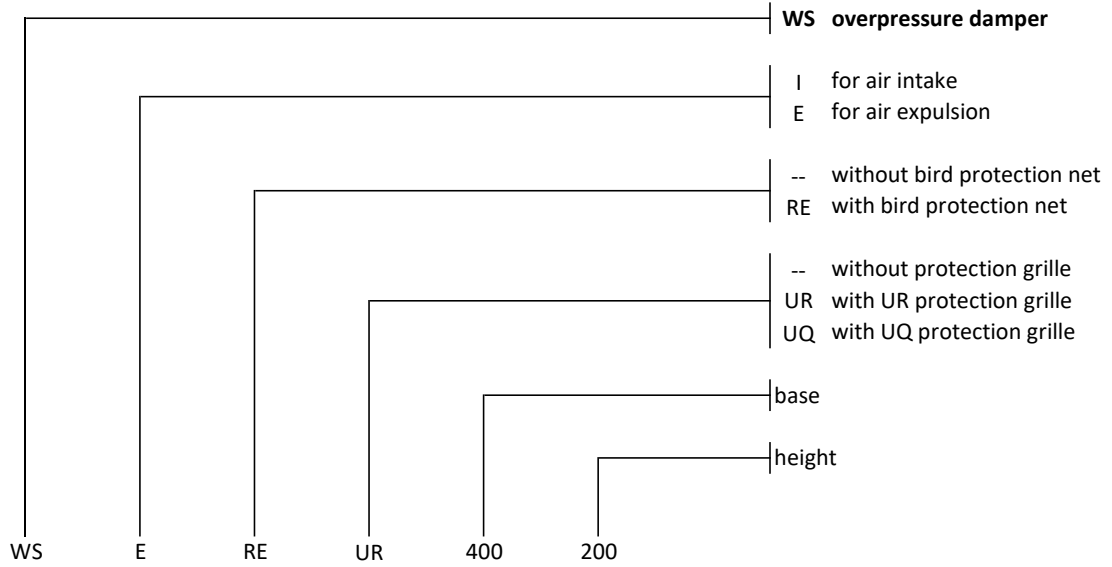
HEIGHT [mm]	BASE [mm]														
	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600
200	1,10	1,49	1,89	2,28	2,66	3,07	3,50	3,88	4,27	4,66	5,06	5,45	5,85	6,27	6,67
300	1,52	2,01	2,50	2,98	3,48	4,00	4,53	5,02	5,52	6,01	6,49	7,01	7,51	8,05	8,53
400	1,94	2,53	3,11	3,70	4,29	4,92	5,58	6,17	6,77	7,35	7,94	8,57	9,17	9,82	10,41
500	2,35	3,04	3,73	4,42	5,10	5,85	6,63	7,32	8,00	8,69	9,39	10,13	10,82	11,60	12,29
600	2,76	3,55	4,34	5,12	5,92	6,78	7,68	8,46	9,25	10,04	10,83	11,69	12,48	13,38	14,16
700	3,18	4,07	4,95	5,84	6,73	7,71	8,72	9,61	10,50	11,39	12,27				
800	3,60	4,58	5,57	6,56	7,55	8,63	9,77	10,76	11,75	12,73	13,72				
900	4,01	5,10	6,19	7,28	8,36	9,56	10,81	11,90	12,98	14,07	15,17				
1000	4,43	5,62	6,80	7,98	9,17	10,49	11,86	13,04	14,23	15,42	16,60				
1100	4,84	6,13	7,41	8,70	9,99	11,42	12,90	14,19	15,48	16,76	18,05				
1200	5,26	6,64	8,03	9,42	10,81	12,34	13,95	15,34	16,72	18,11	19,50				



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PITCH 50 FOR WALL**

**WS  
SERIES**

**HOW TO ORDER**



**FEASIBLE SIZES - STANDARD STEP 50mm**

