



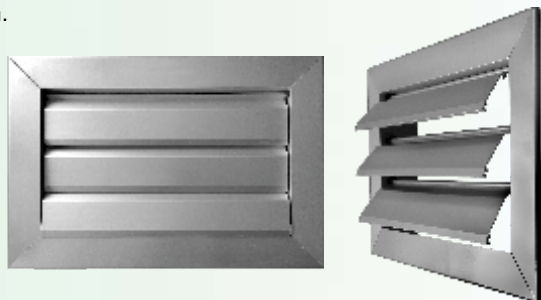
OPG

Over Pressure Grille



Construction · Standard Sizes

Over Pressure Grilles are designed for use in intake and discharge openings in air conditioning systems. When the system is in operation, the blades of the damper are held in the open position by the air flow. If the system is switched off, the blades close automatically, thus giving protection against the ingress of rain or leaves and birds into the air conditioning system.



Type UL OPG

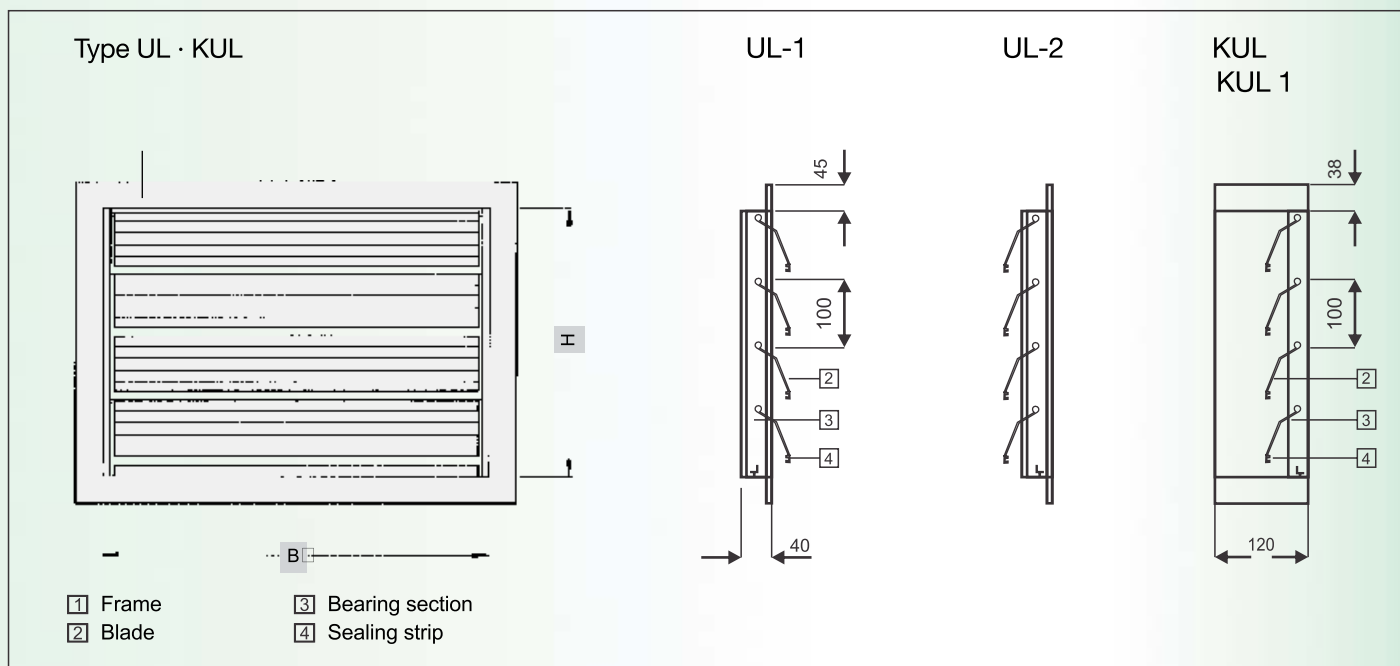
- Frame from formed galvanised sheet steel
- Blades from formed aluminium sheet
- Blade stub shafts in brass
- Bearing section in plastic – PVC
- Sealing strips on blades in polyester foam
- Front flange drilled

Type KUL OPG 1

- Formed channel frame, galvanised sheet steel
- Blades from formed aluminium sheet
- Blade stub shafts in brass
- Bearing section in plastic – PVC
- Sealing strips on blades in polyester foam

Type KUL 1

As type KUL but both flanges drilled



Standard sizes

B in mm	H in mm	Number of holes			
		Width B		Height H	
		Type		Type	
		UL	KUL 1	UL	KUL 1
300	215	1	2	1	2
400	315	2	3	1	2
500	415	2	4	1	3
600	515	3	4	1	4
800	615	3	6	2	4
1000	715	3	7	2	5
1200	815	3	8	3	6
1400	1015	3	10	3	7
1600	1215	4	11	3	8
	1415			3	10
	1615			4	11

Any combinations of B x H listed above can be supplied
Above B ≥ 1000 mm with visible centre support at B/2



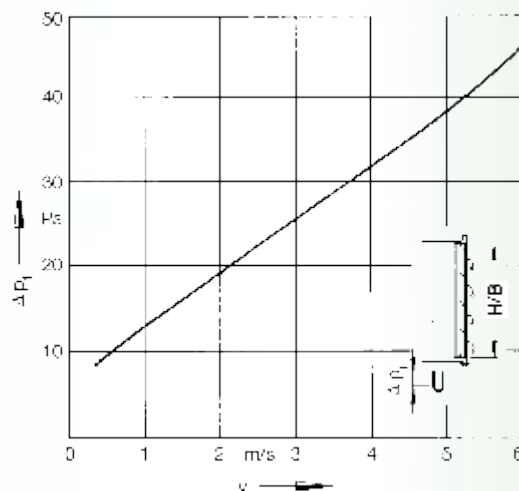


Installation Details · Technical Data

Nomenclature

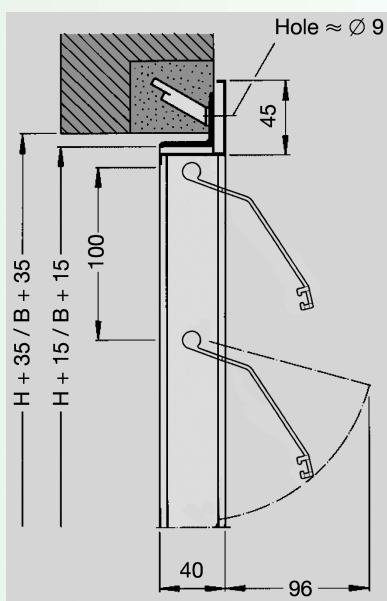
v in m/s: Air velocity based on $B \times H$
 Δp_t in Pa: Total pressure drop (free discharge)

Pressure drop



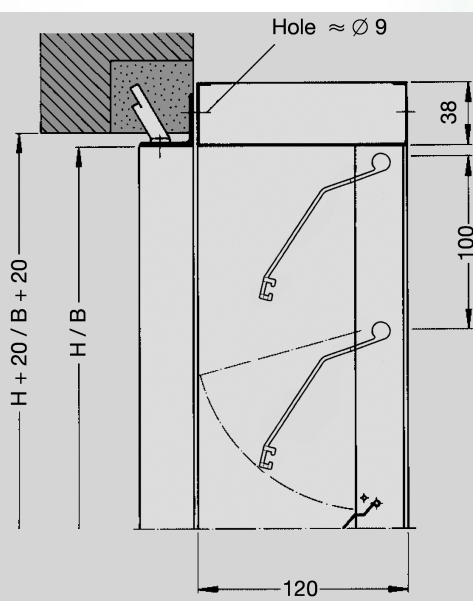
Installation dimensions

Type OPG



Type OPG -1 shown
Opening size without masonry
subframe $W + 15 / H + 15$

Type OPG 1



Opening size without masonry
subframe W / H

Masonry subframe

Type	Reference code	Material
OPG	19	Formed galvanised steel 35/35/3
OPG 1	21	Formed galvanised steel 35/35/3