

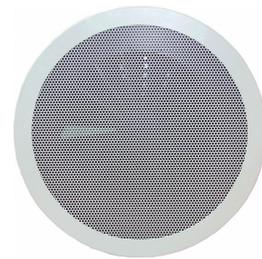


Long Throw Ceiling Diffuser

**MOON**



## Long Throw Ceiling Diffuser



### MOON

This high-performance swirl diffuser features adjustable blades for directional airflow control. It can be supplied with a side-entry plenum box, optionally equipped with a volume control damper on the spigot, or designed for direct connection to a circular duct.

#### Specification

- For high rooms
- Horizontal or vertical duct connection
- For supply air to room air temperature differences of  $-12$  to  $+15$  K
- For supply and exhaust air
- Variable and constant volume flows
- Maintenance-free

#### Recommended Applications

Ideal for commercial and industrial spaces requiring effective air distribution with flexible installation options.

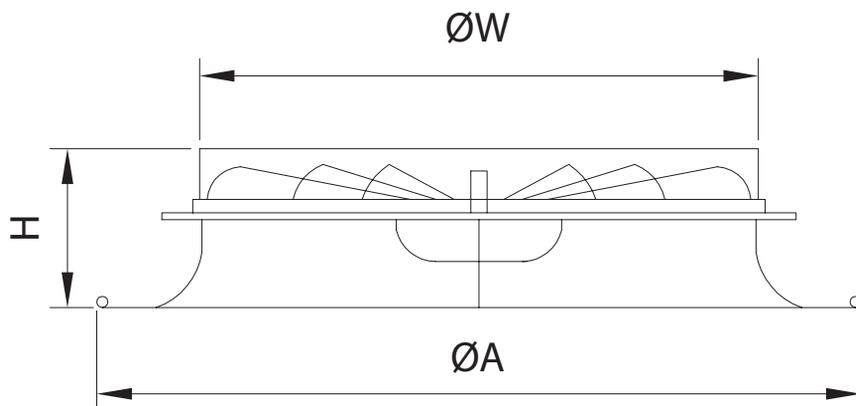
#### Specification

- Galvanised sheet steel diffuser
- Galvanised sheet steel plenum box
- Powder-coated, RAL 9010, pure white
- Powder-coated, RAL CLASSIC colour

#### Accessories

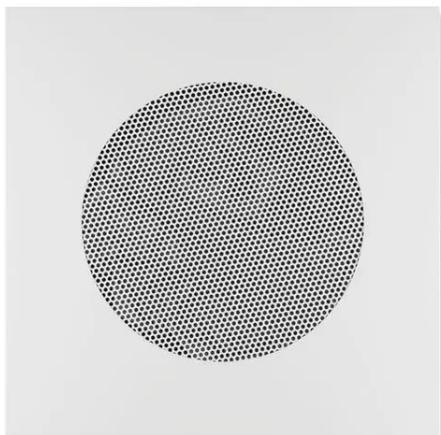
- Plenum box
- Servo Motor

## Technical sizes



Size	$\text{ØA}$ (mm)	$\text{ØW}$ (mm)	H (mm)
160	215	155	120
200	245	195	120
250	295	245	120
315	360	310	120
355	400	350	120
400	445	395	120
500	545	495	120

- Square face panel option up to 600x600



## Quick Selection

### Vertical discharge

Size	Q (m <sup>3</sup> /h)	L <sub>wA</sub> db (A)	Pa	Y <sub>max</sub> (m)
160	240	25	11	2,5
	330	35	20	3,5
	450	45	38	4,8
200	270	25	13	2,4
	370	35	25	3,3
	510	45	48	4,6
250	425	25	12	2,7
	580	35	22	3,7
	800	45	42	5
315	780	25	10	3,2
	1075	35	19	4,4
	1475	45	35	6,1
355	965	25	8	3,3
	1325	35	15	4,5
	1825	45	28	6,2
400	1210	25	7	3,3
	1660	35	13	4,6
	2285	45	25	6,3
500	1765	25	17	3,2
	2430	35	31	4,4
	3340	45	59	6

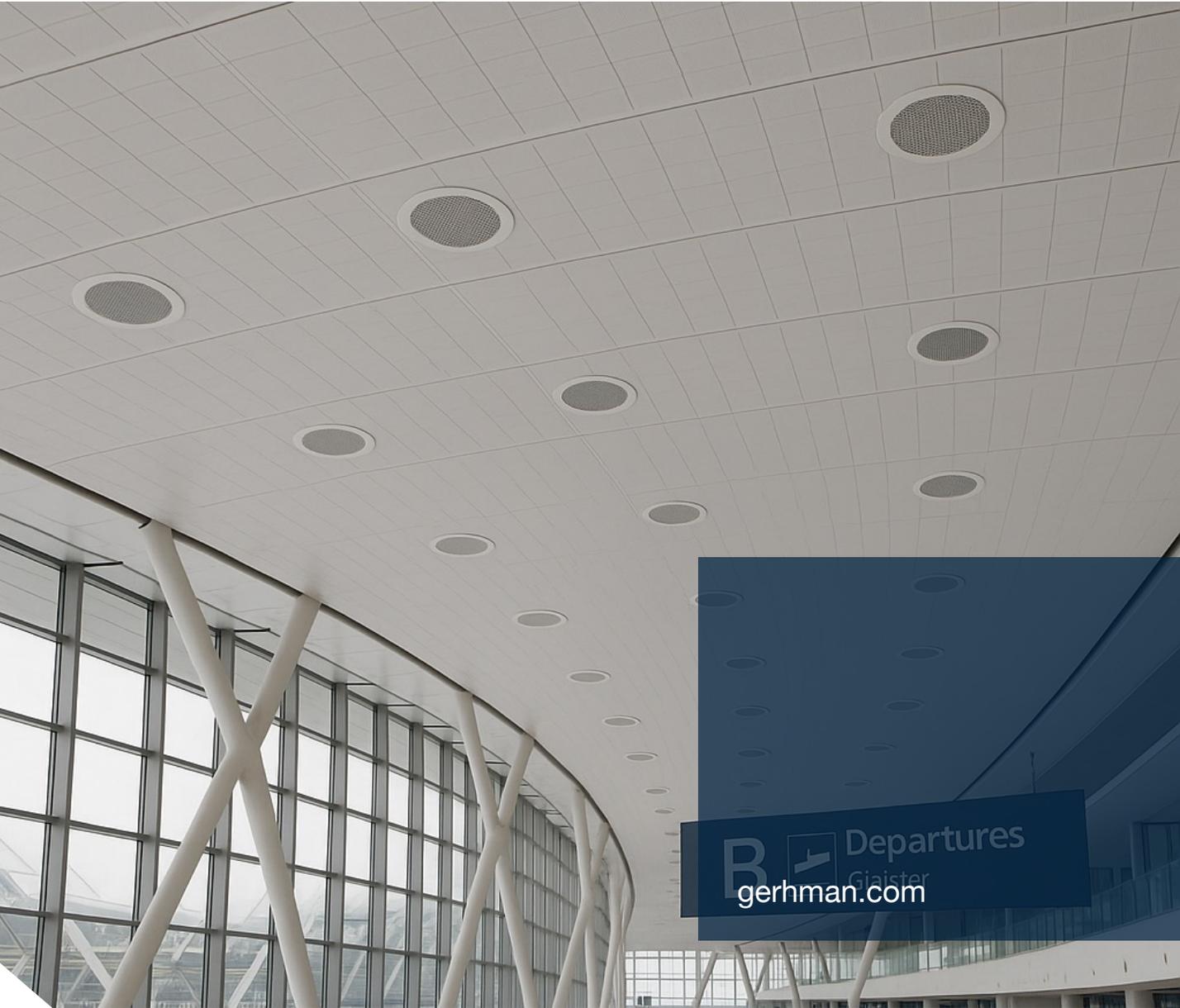
#### LEGEND

Q (m<sup>3</sup>/h): Air flow.

L<sub>wA</sub> [dB(A)]: Sound power level.

ΔP<sub>t</sub> (Pa): Total pressure loss.

Y<sub>max</sub> (m): Vertical throw of the air jet for a thermal jump of 10°C.



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+90 216 606 54 44



info@gerhman.com



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