



GSX CURVED BLADES SWIRL DIFFUSERS

MADEL®

Rotational diffuser of the series **GSX** are designed to be applied in air conditioning, ventilation and heating.

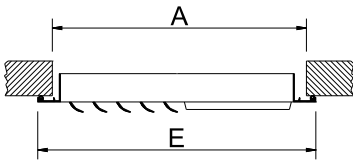
They are mounted in false ceilings or hanging.

The design of its plates and their disposition in four sectors cause a rotational impulsion of the air with a Coanda effect, obtaining a high induction index and a stratification reduction.

Its vanes make possible the graduation of the air impulsion horizontally for cold air or vertically for hot air.

These diffusers are made to be used from 2.6 m. up to high heights, with a temperature differential up to 10° C, obtaining a high performance in the sound pressure level in the comfort zone.

GSX



	E	A
400	395	362
600	595	562

CLASSIFICATION

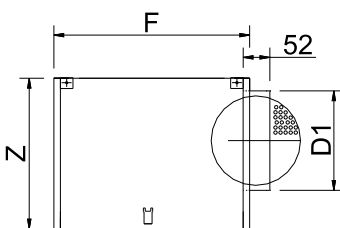
GSX Diffuser with individually adjustable vanes arranged in four sectors with different directions, in order to give a rotational effect to the air stream.

MATERIAL

Diffuser made of extruded aluminium.

All diffusers have a joint on the rear side to achieve an airtight sealing all around the perimeter in contact with the plenum.

PLSX....-R



	F	Z	D1
400	390	300	198
600	590	350	248

ADDITIONAL ACCESSORIES

PLSX Plenum box with a lateral circular connection for square diffusers. It includes supports to hang from the ceiling.

Made in galvanised steel.

...-R Plenum box with a flow damper in the spigot.

.../S/ Plenum box with an upper circular neck connector.

.../AIS/ Plenum thermo acoustically insulated by means of foam with a coefficient of thermal conductivity of 0,04 w/mk.

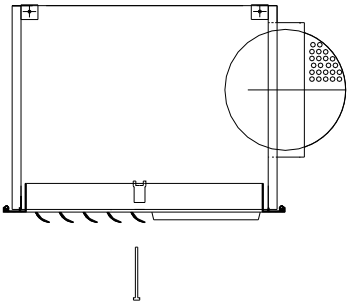
The said foam meets the fire reaction standards:

UNE 23-727 M2

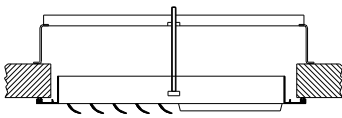
NFP 92-501 M2

DIN 4102 M2

PLSX



PMSX



FIXING SYSTEMS

1) Connection into the **PLSX** plenum box by means of central screw, to hang the assembly from the ceiling with drops rods.

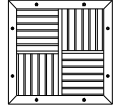
1) Connection into the **PMSX** crossbar by means of central screw. Suitable for mounting in false ceiling with rectangular duct. Constructed in galvanised steel.

FINISHES

AA Anodised in matt silver.

RAL... Lacquer in other colours (RAL specifications).

GSX SERIES



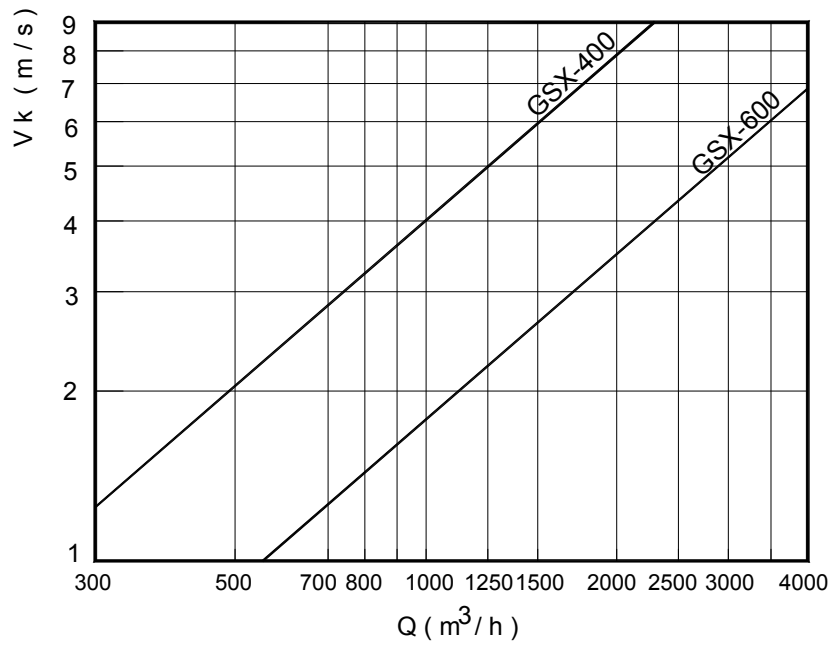
RECOMMENDED VELOCITY.

GSX	Vmin m/s	Vmax m/s
400	2.5	4.5
600	2.5	4.5

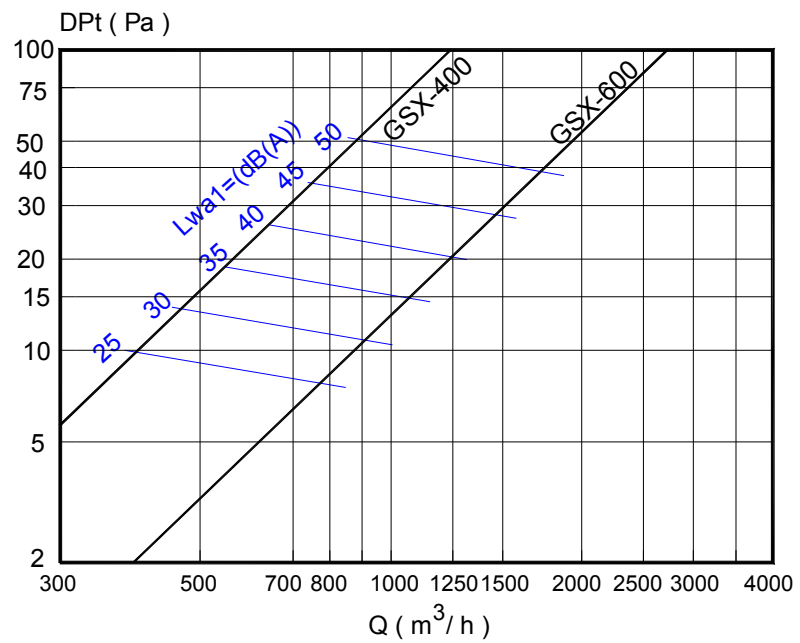
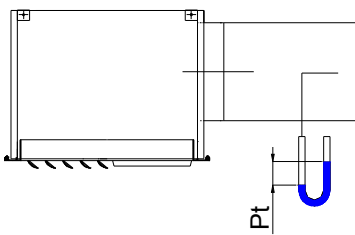
NECK AREA m².

GSX	Ak	Qmin m ³ /h	Qmax m ³ /h
400	0,07	630	1134
600	0,16	1440	2592

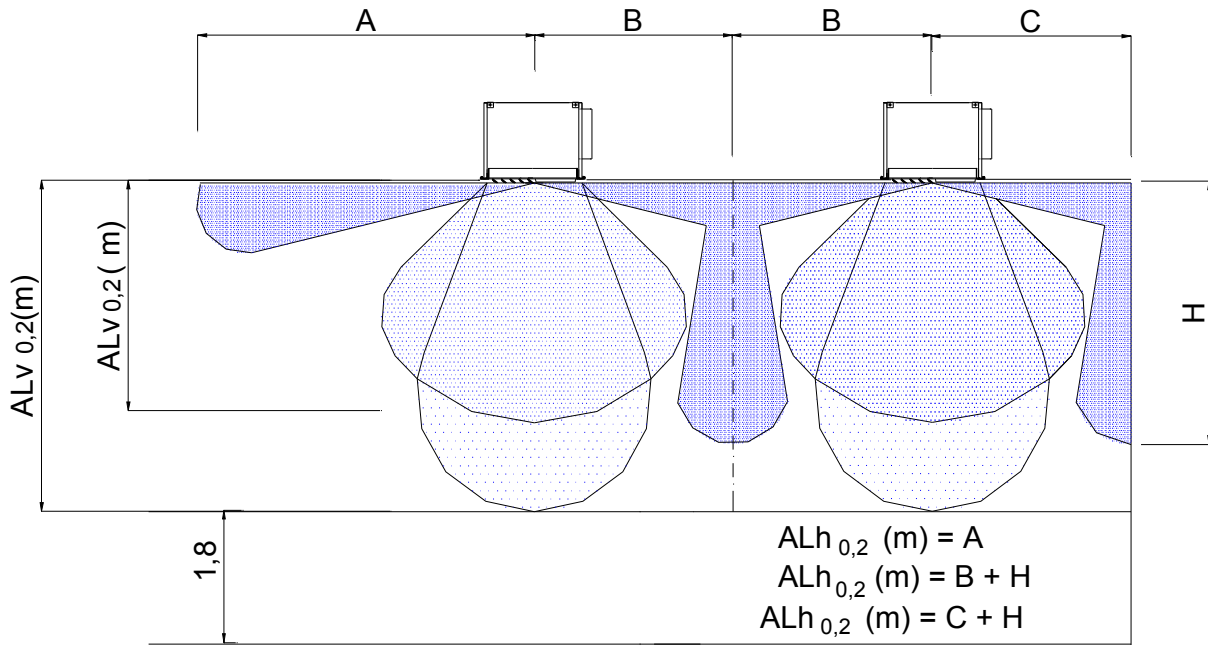
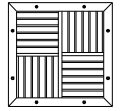
NECK VELOCITY.



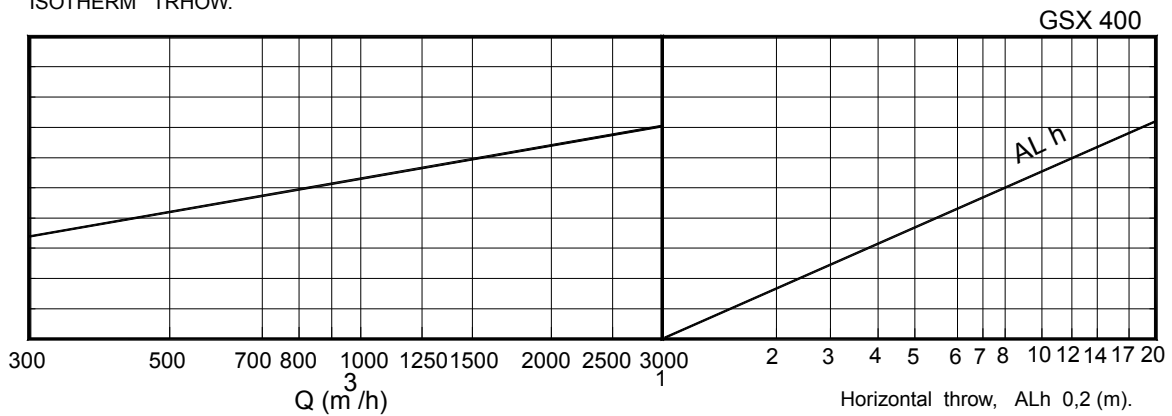
PRESSURE LOSS AND SOUND POWER LEVEL.



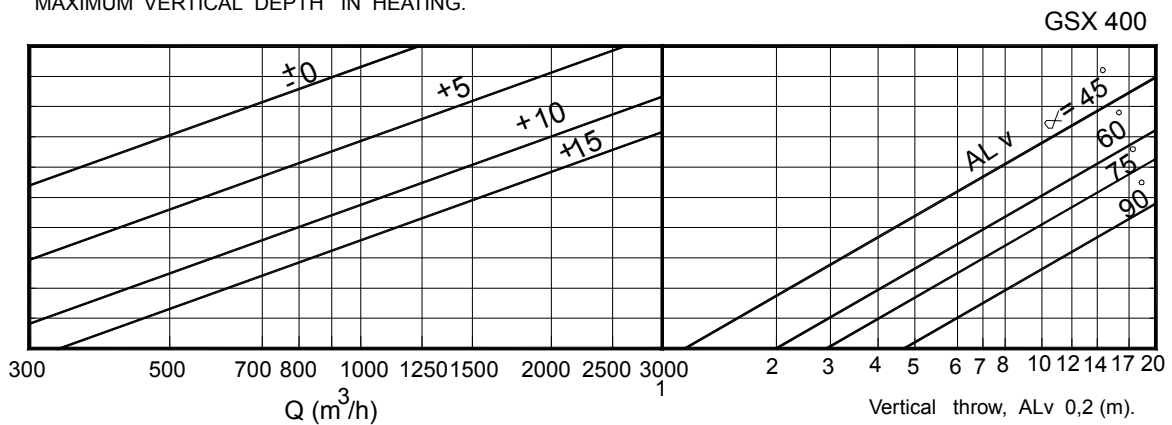
GSX SERIES



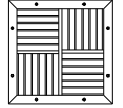
ISOTHERM TRHOW.



MAXIMUM VERTICAL DEPTH IN HEATING.

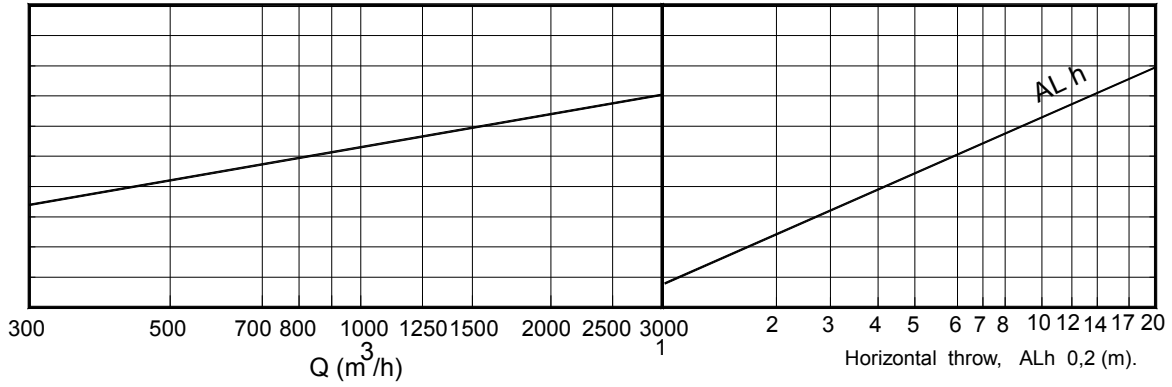


GSX SERIES



ISOTHERM TRHOW.

GSX 600



MAXIMUM VERTICAL DEPTH IN HEATING.

GSX 600

