

## MULTIDIRECTIONAL DIFFUSERS WITH PERFORATED SCREEN WITH FRAME

KTF  
SERIES

### OVERVIEW

**TECHNICAL DATA:** The KTF series diffusers consist of a perforated panel with alluminium frame and a plenum with circular upside connection . Inside there can be positioned removable deflectors that, by varying their position, allow to modify the air direction, obtaining single or combined air flows.

The use for extraction of air is normally without the use of internal deflector to reduce the pressure drop.

The normal range of use is between 2.6 m and 4 m high.

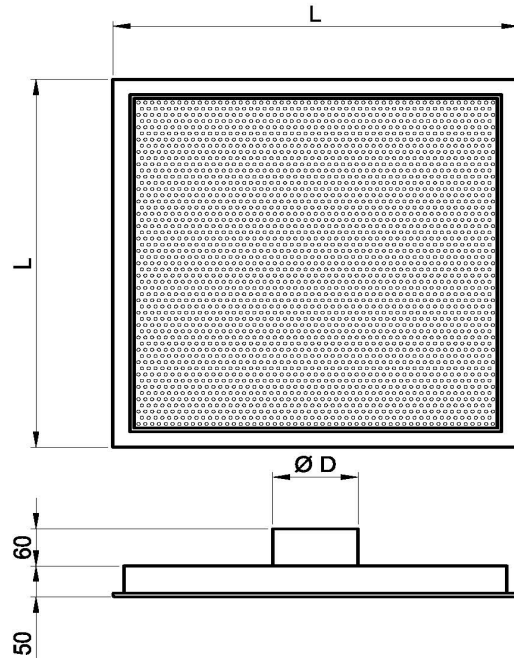
**MATERIALS:** panel made from steel sheet with an epoxy surface treatment colour RAL 9010, frame in alluminium painted RAL 9010 and plenum made from galvanized sheet steel.

**FIXING:** The plenum is fixed directly to the ceiling using support brackets.

In alternative, for the versions with 595x595 external frame size, the diffuser can be inserted into modular false ceiling by replacing one of the panels.

**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 food industries.

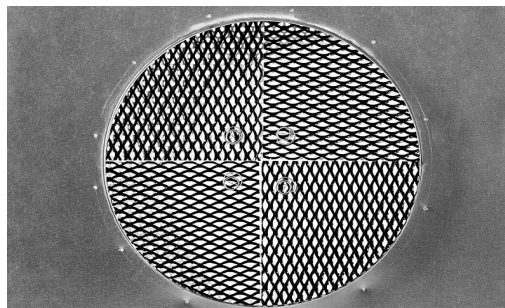
The products in painted carbon steel are not suitable for installation in environments with high humidity and in environments with a potentially explosive atmosphere or containing powders or vapors of corrosive substances.



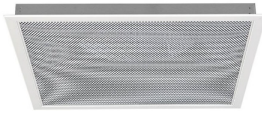
without deflectors	with deflectors	L (mm)	D (mm)
KTF0300160	KTF4300160	300	160
KTF0400200	KTF4400200	400	200
KTF0500250	KTF4500250	500	250
KTF0600160	KTF4600160	595	160
KTF0600200	KTF4600200	595	200
KTF0600250	KTF4600250	595	250
KTF0600315	KTF4600315	595	315



Structure of the low plenum



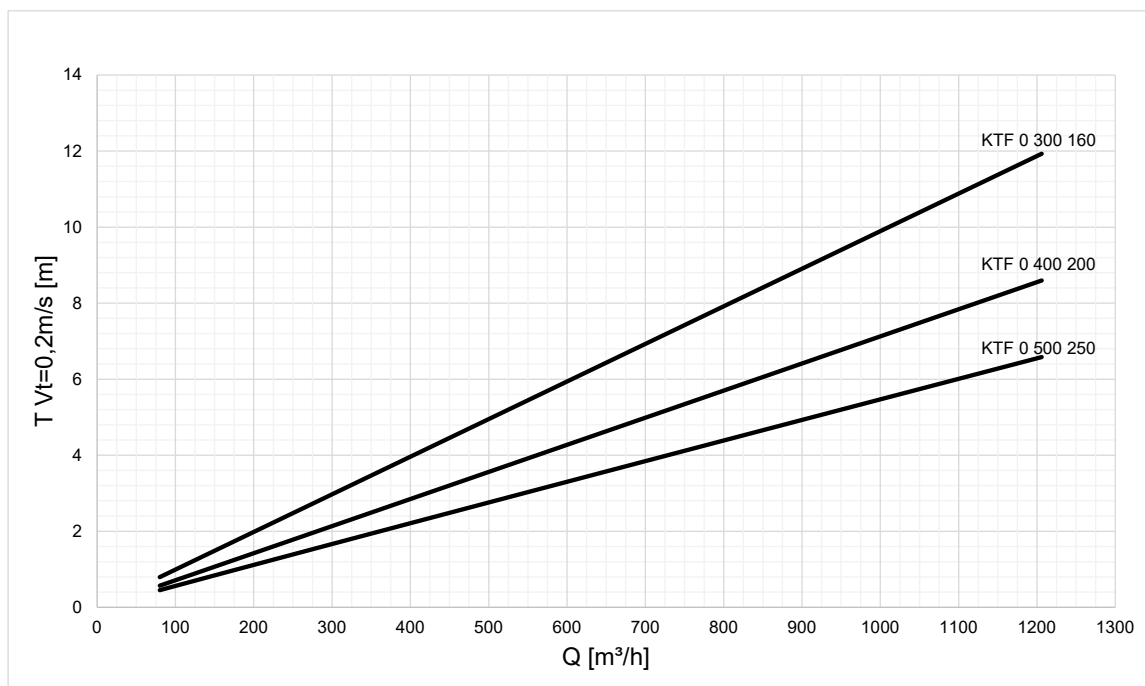
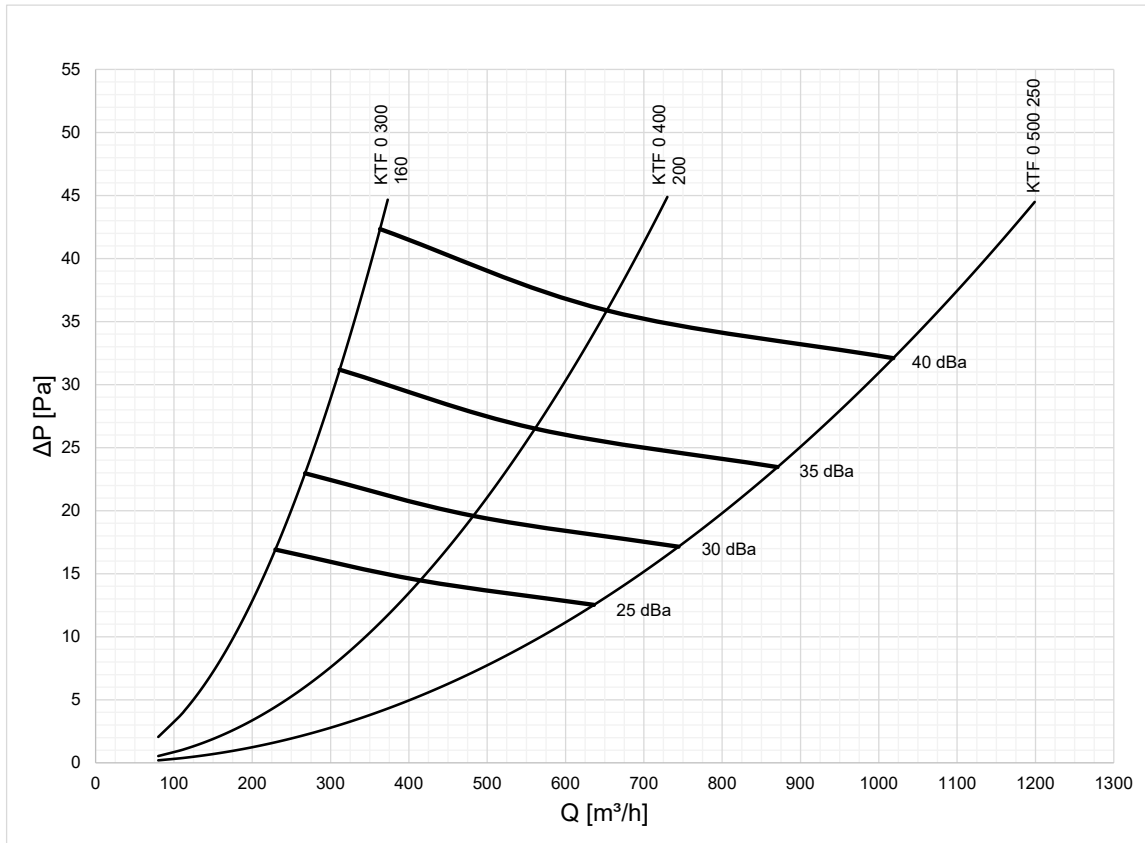
Internal deflectors

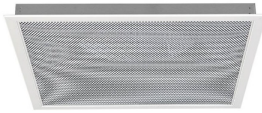


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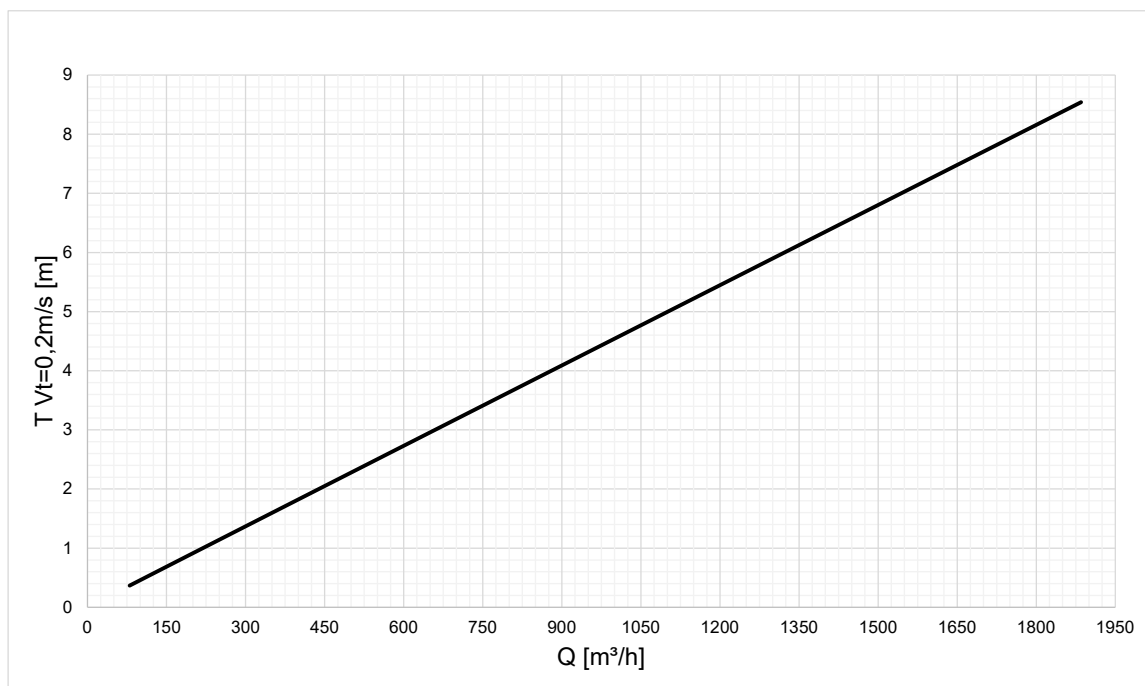
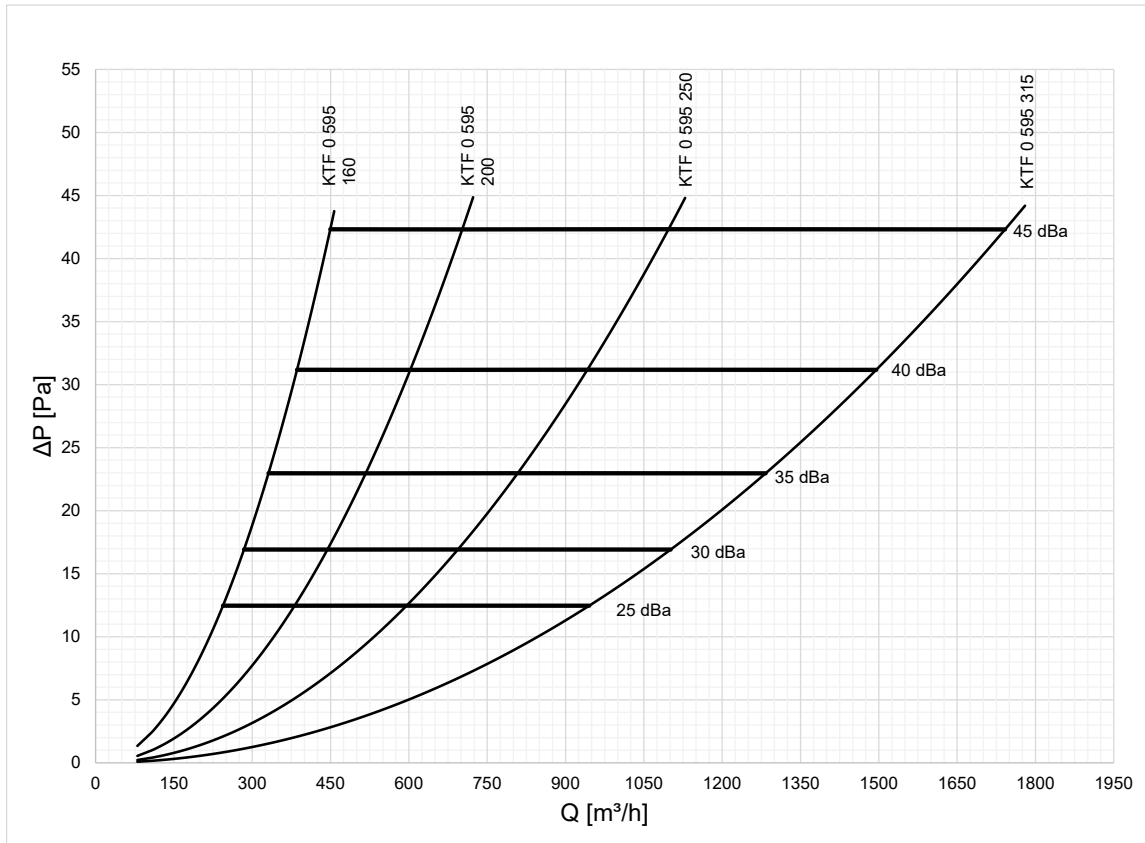


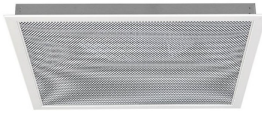


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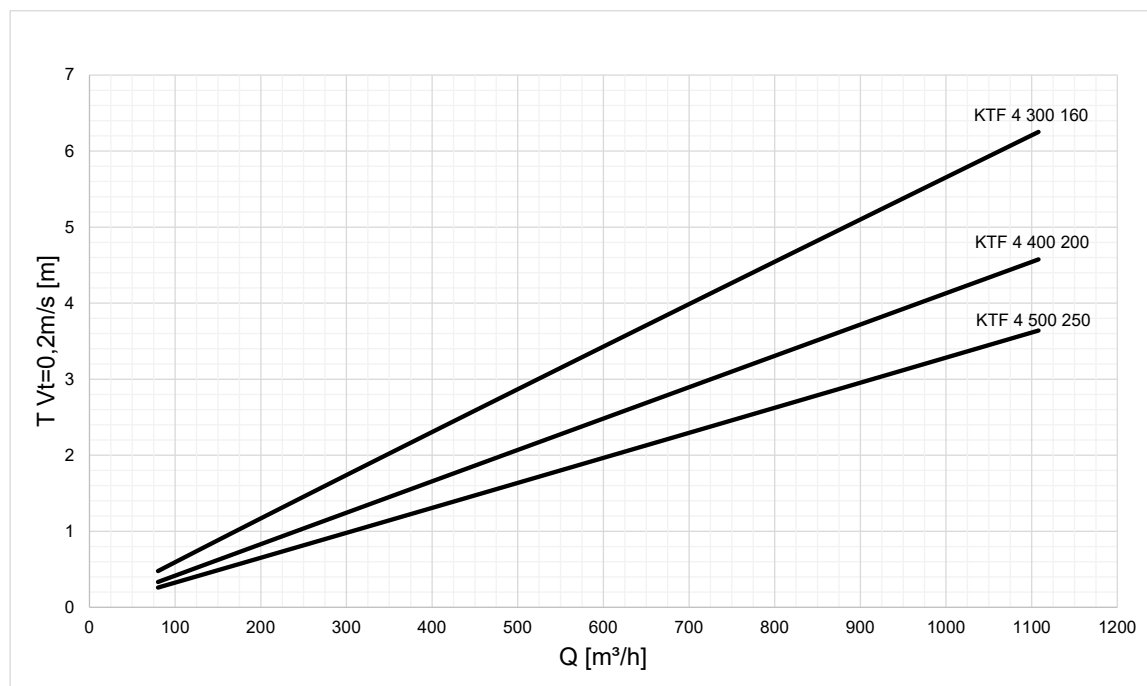
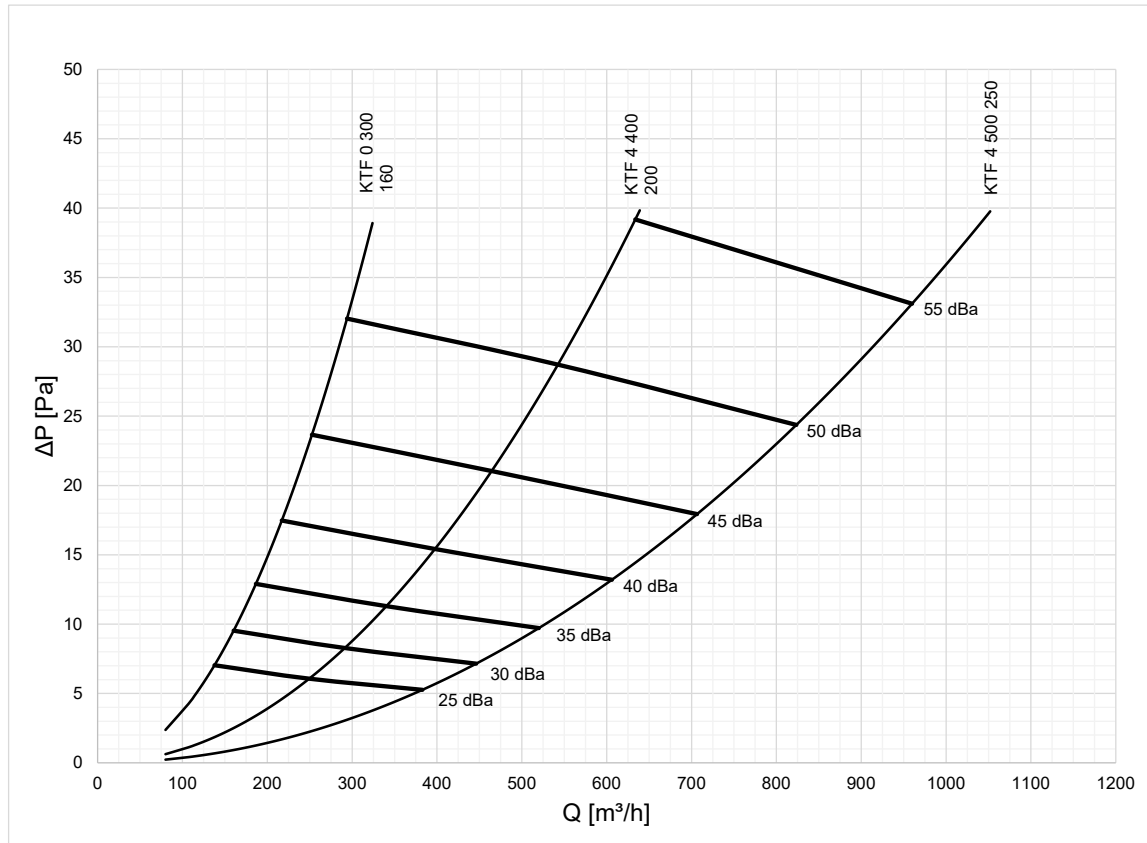


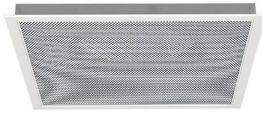


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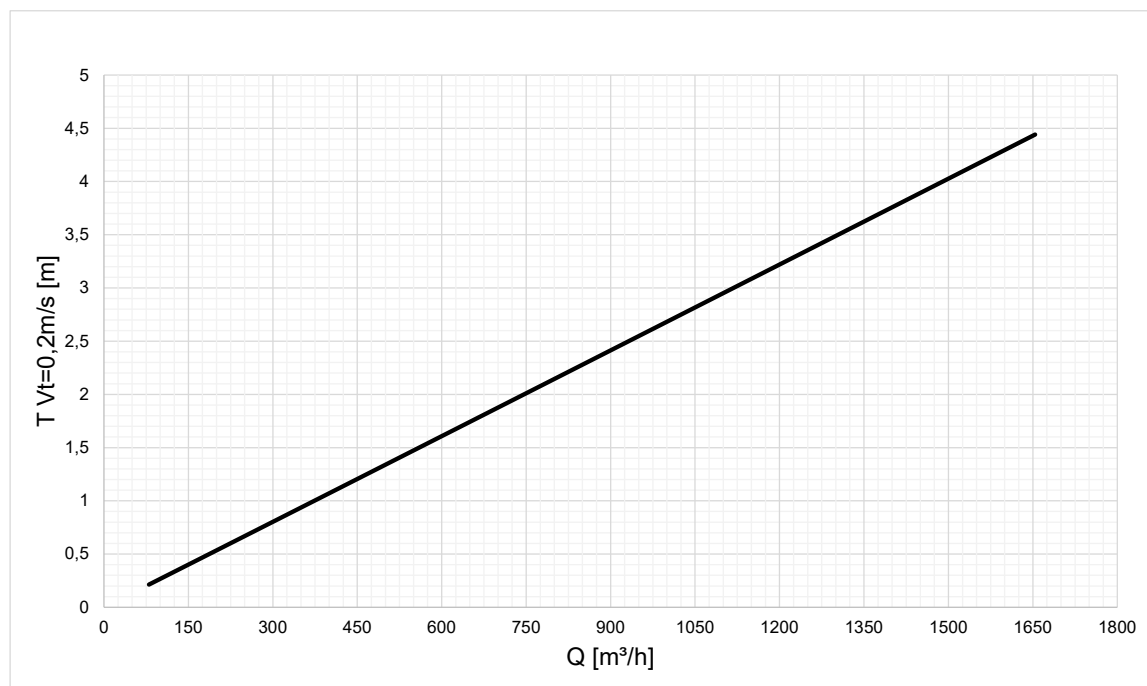
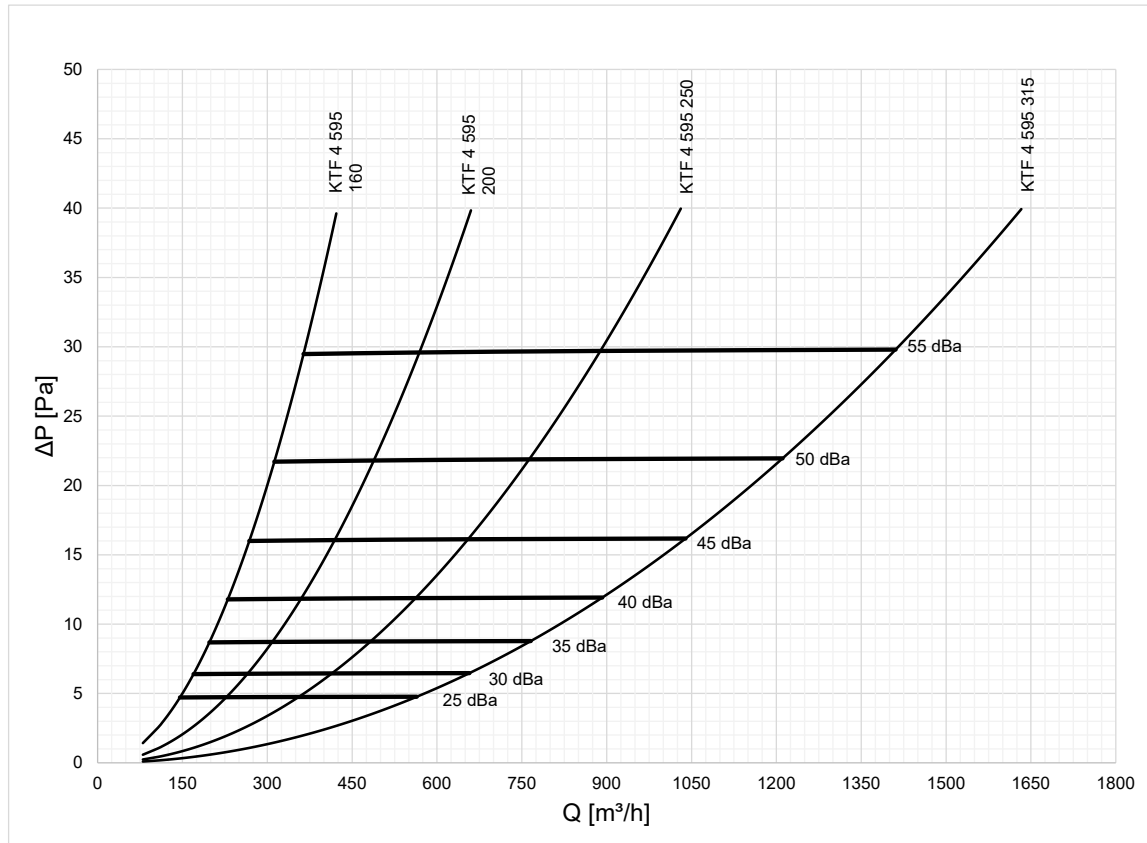


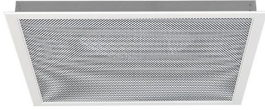


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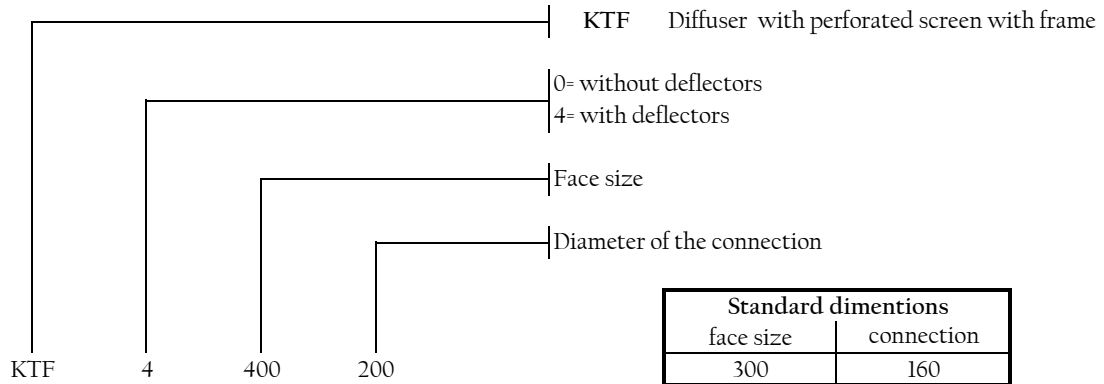




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HOW TO ORDER



Standard dimentions	
face size	connection
300	160
400	200
500	250
595	160
595	200
595	250
595	315