

Difusor DF-TR

*Auto-adjustable thermostatically
swirl diffuser*

010-ENE07 DF-TR

New design

Difusor DF-TR

Description

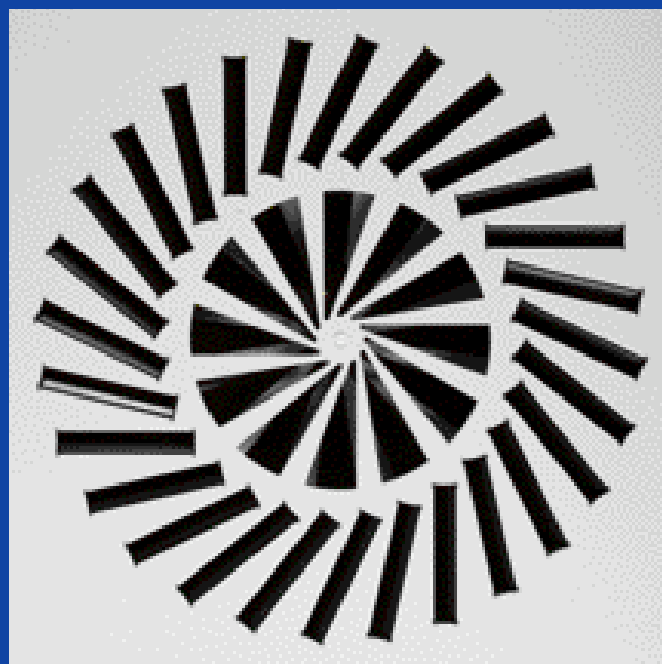
Variable geometry diffusers type DF-TR are auto-adjustable thermostatically, without the need for actuation, suitable for areas with mounting heights in excess of 3.5 m. Diffuser comes as a tile replacement unit 600x600 mm complete with a side entry plenum box.

Aplicacion

The adjustment is by means of an internal element that alters the geometry of the diffuser using a thermostatic regulator. When cold air is applied to the diffuser (<25°C), a horizontal throw pattern is achieved. When hot air is applied to the diffuser (>28°C), a vertical pattern is achieved.

There are 2 base models: DF-TR-V for use when the mounting height is over 5 m. DF-TR-R for use when the mounting height is between 3.5 m.

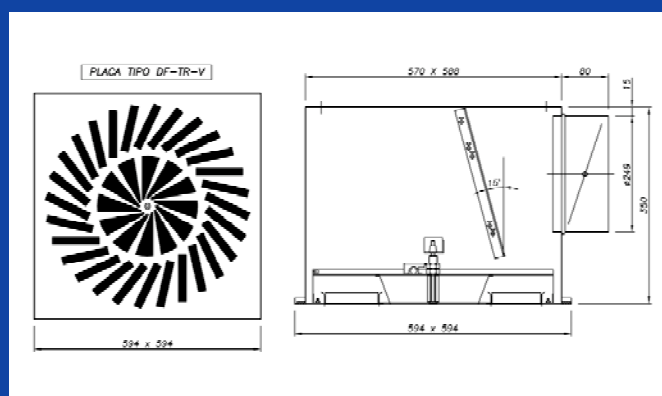
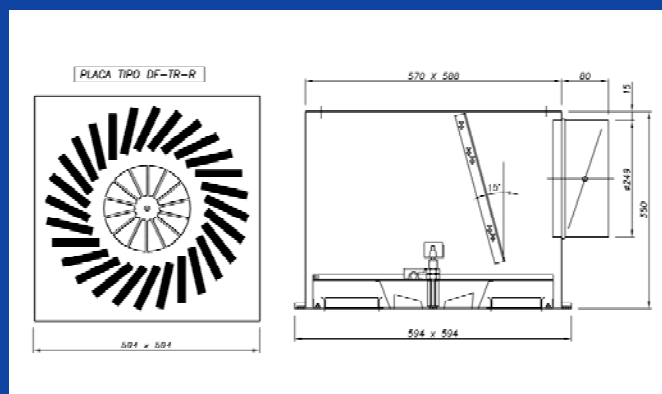
Circular plate is also suitable.



SOUND POWER - AIRFLOW - ΔP_t - MAX PENETRATION					
Model	m ³ /h (Pa) [m]				
	30 dB(A)	35 dB(A)	40 dB(A)	45 dB(A)	50 dB(A)
DF-TR-R	410 (18) [2,8]	490 (25) [3,4]	580 (35) [4,0]	690 (50) [4,8]	815 (70) [5,7]
DF-TR-V	420 (21) [3,4]	505 (29) [4,1]	610 (42) [5,0]	740 (60) [6,1]	890 (87) [7,3]

Vertical throw ΔT : 10°C

SOUND POWER - AIRFLOW - ΔP_t					
Model	m ³ /h (Pa)				
	30 dB(A)	35 dB(A)	40 dB(A)	45 dB(A)	50 dB(A)
DF-TR-R	475 (17)	570 (23)	680 (32)	820 (46)	980 (65)
DF-TR-V					



MECH-ELEC,
Head Office,
41, Hawthorn Road,
Western Industrial Estate,
Dublin 12,
Eire.
Tel: +353-1-450 8822
Fax: +353-1-450 8227
E-Mail: info@mech-elec.ie
Web: http://www.mech-elec.ie