

## **DAFC**

*Fixed curved blade swirl diffuser*

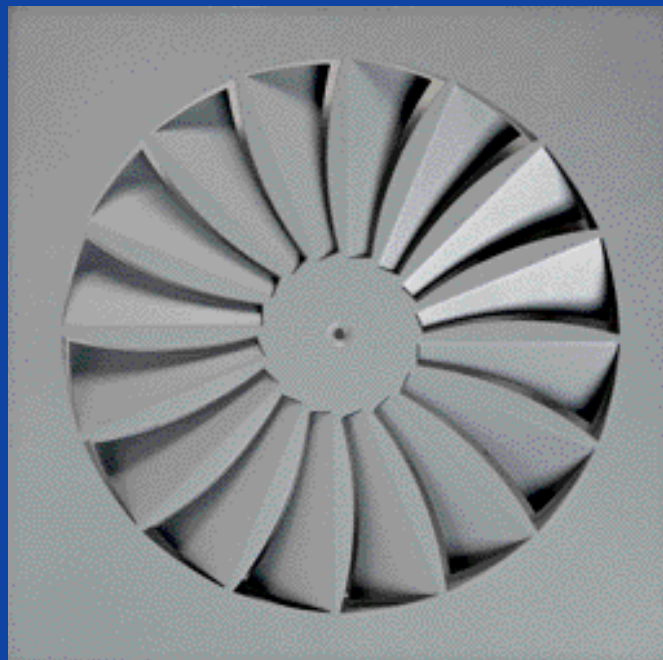
# DAFC

## Description

The slots of our new swirl diffusers have been specially designed to assure a swirl supply with a high induction, low velocities and a moderate gradient of temperature in the occupied area, as well as a low noise level.

## Features

- Made entirely of steel sheet.
- Standard finished is white (Ral 9010), others finished are available under request.
- High induction levels.
- Can incorporate top or side entry plenum.
- The recommended mounting height is around 2.5 to 4 m.



## QUICK SELECTION TABLE

The table indicates from a required sound power level (dB(A)), the supply air-flow in (m<sup>3</sup>/h) and the pressure drop (Pa) of the diffuser.

AIRFLOW-SOUND POWER-PRESSURE					
Size	m <sup>3</sup> /h (Pa)				
	25 dB(A)	30 dB(A)	35 dB(A)	40 dB(A)	45 dB(A)
125	40 (11)	50 (19)	60 (27)	75 (36)	90 (60)
160	60 (10)	70 (13)	85 (20)	105 (30)	130 (46)
200	85 (7)	105 (11)	130 (17)	160 (26)	200 (40)
250	150 (7)	180 (10)	220 (15)	270 (23)	330 (35)
315	215 (9)	260 (13)	315 (19)	380 (28)	460 (41)
355	245 (8)	300 (12)	360 (17)	440 (26)	520 (36)
400	280 (8)	340 (12)	410 (17)	500 (24)	600 (35)
500	370 (8)	450 (10)	550 (15)	670 (21)	800 (30)

**Mech-Elec UK,**  
Unit 1, Bretts Farm,  
Romford Road,  
Aveley,  
Essex,  
RM15 4XD.



Tel: +44 208133 9745

E-Mail: [info@mech-elec.net](mailto:info@mech-elec.net)

Web: <http://www.mech-elec.net>