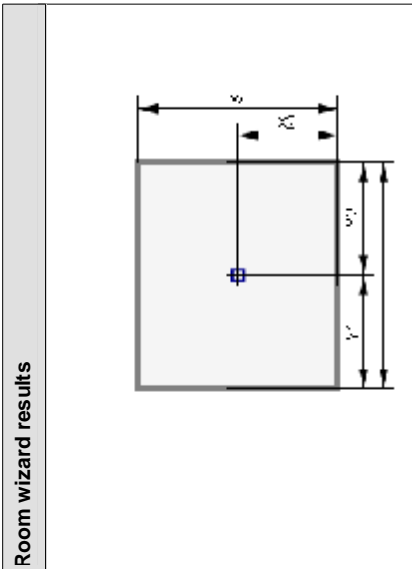


Face plate  
Supply/Extract air  
Connection  
Size  
Surface  
Total amount

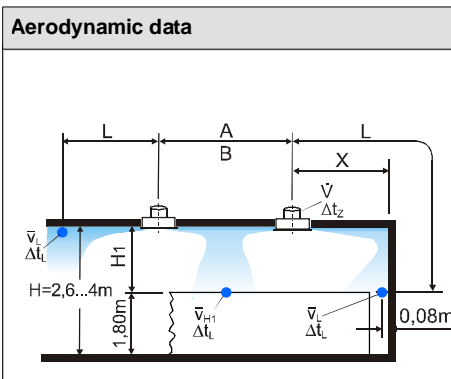
**FD-Q-Z-H/400/0/0/0/RAL 9010**

Q Square  
Z Supply air  
H Side entry plenum  
400  
0 Standard finish RAL 9010 (Pure white) Gloss level 50%  
1



Room dimensions [m]: Height = 2.60; Length = 8.00; Width = 7.00

Volume flow: 263 m<sup>3</sup>/h  
Air change rate: 2  
Cooling load: 0.0 W/m<sup>2</sup>  
No Raster  
Arrangement: Manual, symmetrical  
Diffusers amount: 1 (1x1)  
Displacements [m]: A = NaN; B = NaN; X1 = 3.50; X2 = 3.50; Y1 = 4.00; Y2 = 4.00  
Comfort: Comfort criteria based on EN15251 Category II  
Type of space: Offices/Landscaped offices  
The air velocity is outside the limits defined by EN15251 Category II .  
Maximal sound pressure level: 35 dB(A)  
Room attenuation: 5 dB  
Maximal air velocity: 0.19 m/s  
Room Air Temperature: 22.0 °C  
Supply Air Temperature: 22.0 °C



Volume flow V: 263 m<sup>3</sup>/h  
Temperature difference  $\Delta t_z$ : 0.0 K  
Distance H1: 0.80 m  
Temperature difference  $\Delta t_{H1}$ : 0.0 K  
Air velocity  $v_{H1}$ : 0.16 m/s  
Temperature difference  $\Delta t_L$ : 0.0 K  
Air velocity  $v_L$ : 0.16 m/s

Acoustic Data - Supply air				
$\Delta p_t$	15			Pa
$L_{WA}$	30			dB(A)
$L_{WNC}$	25			

**Specification Text**

TROX swirl diffuser type FD provides swirling, horizontal air discharge with high induction, for air change rates up to 30 per hour, comprising diffuser face with fixed radially arranged air control blades and a plenum box with connection spigot. The diffuser face is fitted/removed by means of a centre fix screw into a subframe.  
Diffuser face and plenum box are galvanised sheet steel. Diffuser face pre-treated and powder-coated.