

TVJ-D/400x300/BC0/E0/245-1170l/s


Cladding	D	Cladding
Size	400	Width
Size	300	Height
Control component	BC0	
Controller		VAV-Compact(0-10VDC)
Actuator		NMV-D3MP
Control mode	E0	0-10 VDC (Volume flow variable)
min.-max. Volumeflow	245-1170-l/s	
Total amount	1	

Control range min. volume flow (Vmin)	245-1230 l/s
Control range max. volume flow (Vmax)	370-1230 l/s
Min. volume flow (VMin)	245 l/s
Max. volume flow (VMax)	1170 l/s
Pressure drop (Δp_{st})	150 Pa
generated noise (Lp)	39 dB(A) (17 dB Attenuation)
radiated noise (Lp)	40 dB(A) (9 dB Attenuation)

Calculated with TX/400x300 (Position.03.01).

f[Hz]	63	125	250	500	1k	2k	4k	8k
generated noise (Lw)	70	64	53	49	52	48	43	35
radiated noise (Lw)	67	65	49	35	32	31	26	27
Insertion Loss (DE)	4	4	9	19	34	34	22	15

Description

Rectangular VAV controllers for variable volume flow systems, for supply air or extract air, volume flow range from 45 to 10100 l/s or 162 to 36000 m³/h. Comprising casing with rectangular damper with opposed blade action connected via gears, integrated differential pressure sensor and factory-mounted and pre-wired control components. Casing air-flow leakage to Class II, VDI 3803 or DIN 24194, Part 2. Differential pressure range 20 to 1000 Pa, volume flow range 5:1. Casing dimensionally stable multi-profile frame in galvanised sheet steel, opposed blade action hollow blades and pressure differential sensor in extruded aluminium sections, gear wheels in ABS plastic.

TX/400x300



Size
Total amount

400x300
1

Description

TX silencer,

for the reduction of air regenerated noise, insertion loss approx. 9 dB at 250 Hz. Lining of mineral wool conforming to DIN 4102, fire rating class A2, with RAL-quality mark RAL-GZ 388, bio-degradable pursuant to TRGS 905 and EU directive 97/69/EG. Mineral wool faced with fibreglass as protection against erosion, suitable for air velocities up to 20 m/s, inert to fungal and bacterial growth.