

# TUNE-AHU-SE018-1200x500-NF24

Air damper TUNE-AHU-SE018-1200x500-NF24

Item Number: 251033

## Description

The TUNE-AHU-SE, are rectangular multi - blade dampers intended as a part of air handling units and fan systems to cover the air flow adjustment and shut-off function. The dampers can be used in indoor and outdoor climate conditions installed on the body of a fan or in the rectangular duct section.

They are equipped with a spring return electric actuator which close on power interruption.

Manual operation and adjustment is also possible. They can operate in both directions of air flow. The air tightness of the dampers is classified as C4 according to the standard EN 1751 in pressure range up to 1000 Pa which is the maximum recommended duct pressure for this

product. The operation temperature range is -20°C ... 100°C in duct, 50°C on actuator.

## Design

TUNE-AHU-SE are manufactured from galvanized sheet steel, flange and casing. The opposed action blades are extruded aluminum profiles and are equipped by rubber gasket, eliminating air leakage in closed position. The blade shafts are sitting in self-lubricating polymeric bearings. The connection to the ductwork is secured by 20 mm wide flanges.

## Installation, Maintenance and Operation

TUNE-AHU-SE is mounted on AHU, FAN or in ductwork by a 20 mm flange connection. The damper cannot be installed carrying any mechanical loads from other structures. The damper can be installed in any spatial orientation.

Maintenance: maintenance-free.

Operating temperature range: -20°C ... 100°C in duct, 50°C on actuator.





## Technical parameters

### Dimensions and weights

Weight	15.6 kg
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### Get In Touch

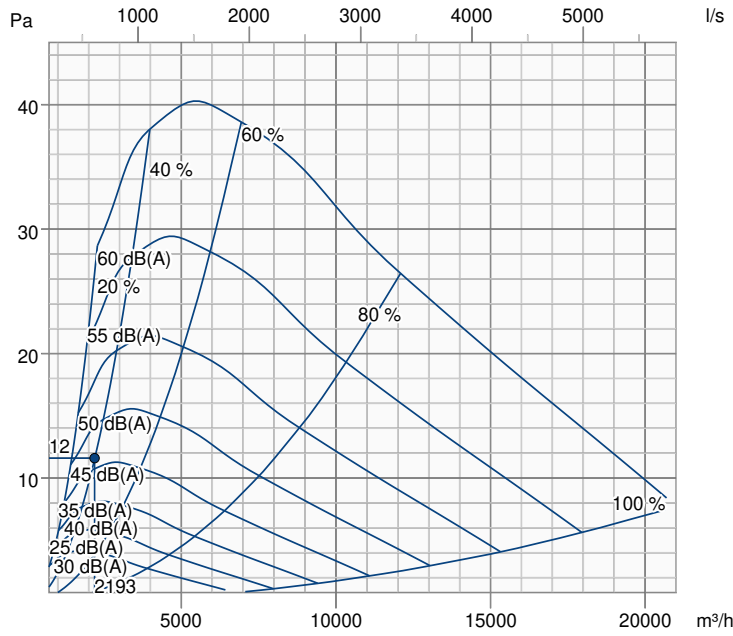
 **Call:** 0845 6880112  
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### Our Address

Puravent, Adremit Limited, Unit 5a, Commercial Yard, Settle, North Yorkshire, BD24 9RH

## Performance

### Pressure drop & sound power level (A-weighted) - Total sound power level (A-weighted) - Discharged into room



Parameter	Value
Air flow	2193 m³/h
Pressure drop	12 Pa
Damper setting	25 %
Total sound power level - Discharged into room	60 dB
Total sound power level (A-weighted) - Discharged into room	41 dB(A)

Total sound power level - Discharged into room	Hz	63	125	250	500	1k	2k	4k	8k
Lw	dB	60	48	44	40	34	25	22	21
LwA	dB(A)	33	32	35	36	33	26	23	20

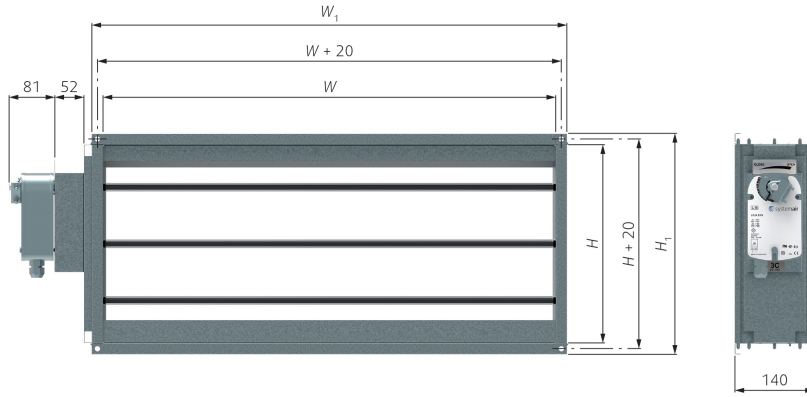
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## Dimensions



Dimensions	Value mm
W	1200
W1	1244
H	500
H1	540

Part	Weight kg
TUNE-AHU-SE018-1200x500-NF24	15.60

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## Documents

- DataSheet\_TUNE-AHU-SE\_EN\_202011
- TUNE-S-AHU\_DoC\_EN

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