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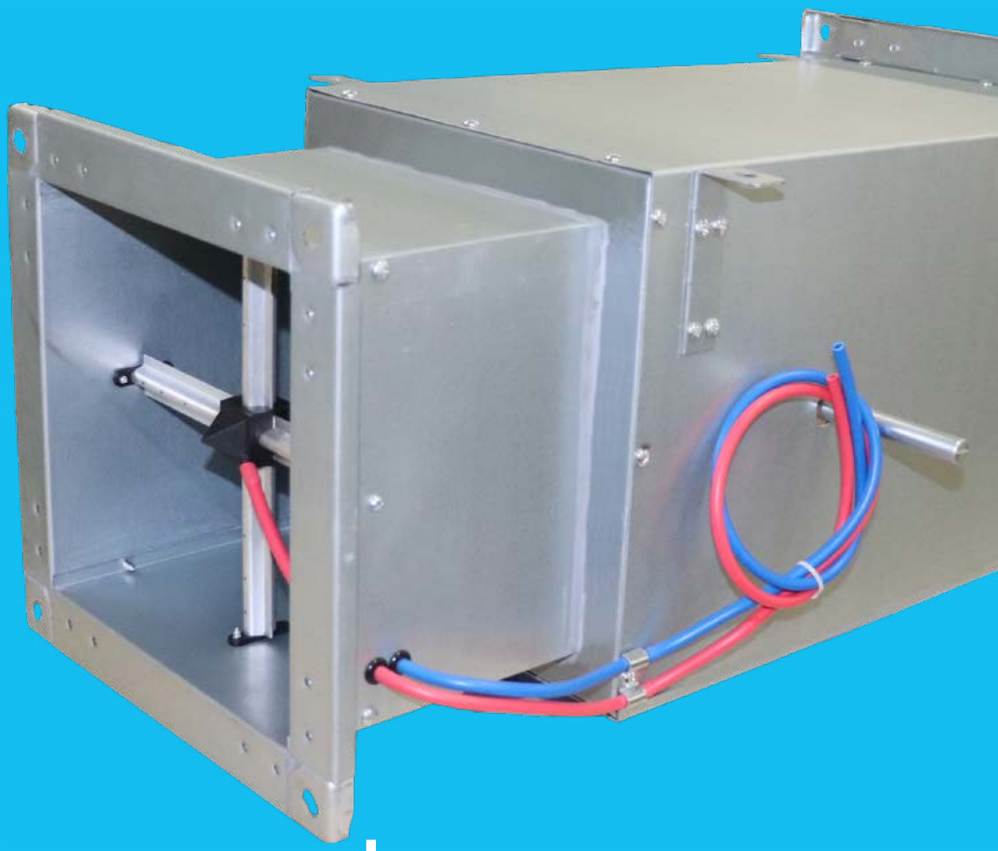

Compact Low Leakage VAV and CAV Control Terminals

NDROA 100
NDROA 150
NDROA 200
NDROA 250
NDROA 315
NDROA 355
NDROA 400

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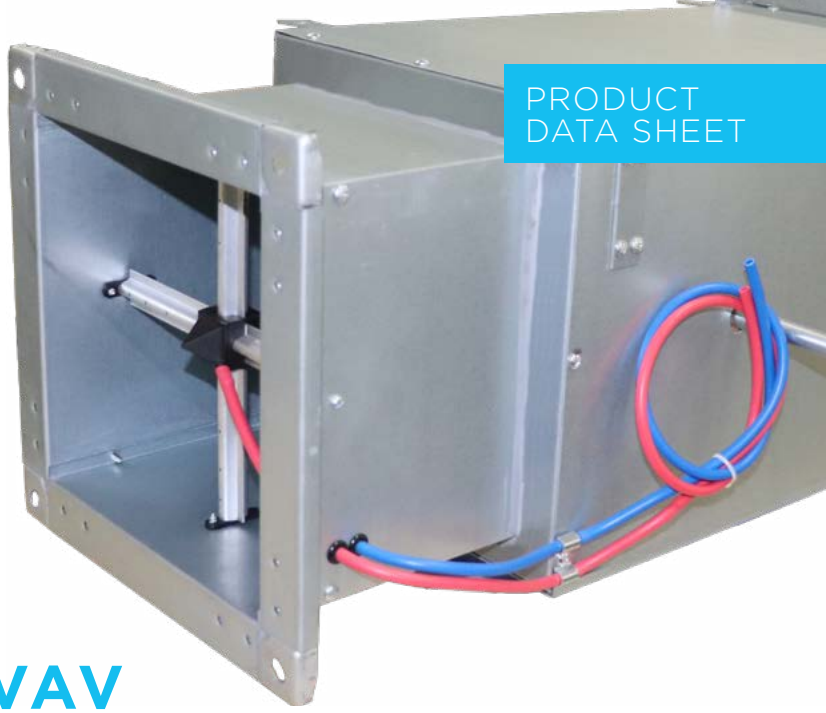
PRODUCT DATA SHEET



NDROA - COMPACT VAV AND CAV AIR VOLUME CONTROL TERMINALS WITH LOW LEAKAGE DAMPER

Key Features

- Pressure independent control function.
- Volume control range 100% down to 10%.
- Low pressure loss over the terminal.
- Galvanised steel casing for strength and durability.
- Low height design.
- Rectangular shaped damper blade with side seals for linear control characteristic.
- Low leakage damper, less than 1% of Vnom at 750pa.
- Due to the very low air leakage levels achieved by this unit we recommend a 5nm actuator be used.
- Suitable for all control functions (VAC, CAV, shut-off etc.) to maximise system energy savings.
- Flo-Cross, 2 x 12 point averaging and signal amplifying airflow sensors, better than 2.5% accuracy even with irregular duct inlet conditions.
- Maintenance free.
- 25mm rigid fibreglass insulation with black tissue face.

Technical Data

NDROA - Compact VAV And CAV Air Volume Control Terminals With Low Leakage Damper								
Capacity and Dimensional Data								
Model	Air Flow l/s					Inlet W x H	Casing W x H x L	Weight
	2 m/s	4 m/s	6 m/s	8 m/s	10 m/s	mm	mm	kg
NDROA 100	40	80	120	160	200	100 x 200	250 x 250 x 587	12
NDROA 150	60	120	180	240	300	150 x 200	250 x 250 x 587	13
NDROA 200	80	160	240	320	400	200 x 200	250 x 250 x 587	13
NDROA 250	120	240	360	480	600	300 x 200	350 x 250 x 587	16
NDROA 315	180	360	540	720	900	450 x 200	500 x 250 x 587	21
NDROA 355	240	480	720	960	1200	600 x 200	650 x 250 x 587	25
NDROA 400	340	680	1020	1360	1700	850 x 200	900 x 250 x 587	33

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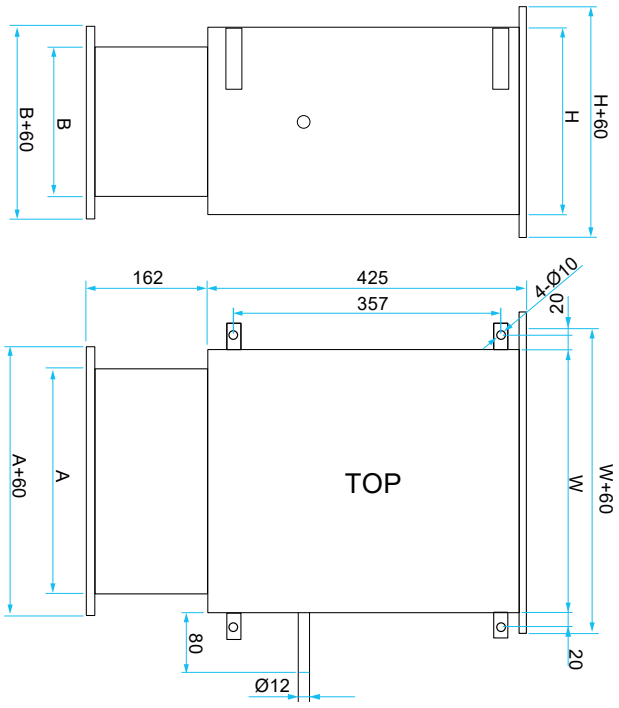
032026

Product Specifications

Model	A	B	W	H
NDROA 100	100	200	250	250
NDROA 150	150	200	250	250
NDROA 200	200	200	250	250
NDROA 250	300	200	350	250
NDROA 315	450	200	500	250
NDROA 355	600	200	650	250
NDROA 400	850	200	900	250

Right Hand side access as standard.



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Since 1979, Idealair Group has been a trusted partner for all ventilation needs.

At Idealair Group, we specialise in ventilation, heating, ducting, energy recovery product, and more. Every product in our extensive range is tested and approved to ensure it meets the specified design requirements. Plus, with a complete range of stock readily available at all our branches, we ensure that order collection and delivery are both reliable and convenient.

We pride ourselves on providing tailored, engineered solutions for each customer. Our team of highly trained professionals are committed to offering practical help & advice, while meeting the diverse needs of your projects, from standard to complex applications.

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