ISODEC 500+ COMBIDEC 2100

THERMAL INSULATED DUCTING

The **ISODEC 500/COMBIDEC 2100** consists of an aluminium laminate inner duct, thermally insulated with a glass wool layer and provided with provided with an aluminium laminated outer jacket and covered with a Combidec 2100 outer duct. The thermal insulation is suitable for preventing condensation and minimizing heat loss and loss of cold.

APPLICATION

- Insulation in ventilation and air supply systems
- Air conditioning systems
- Thermic insulation in order to prevent heat loss or loss of cold
- Preventing of condensation in ventilation systems
- Ventilation systems
- Machine building exhaust
- Blower distribution

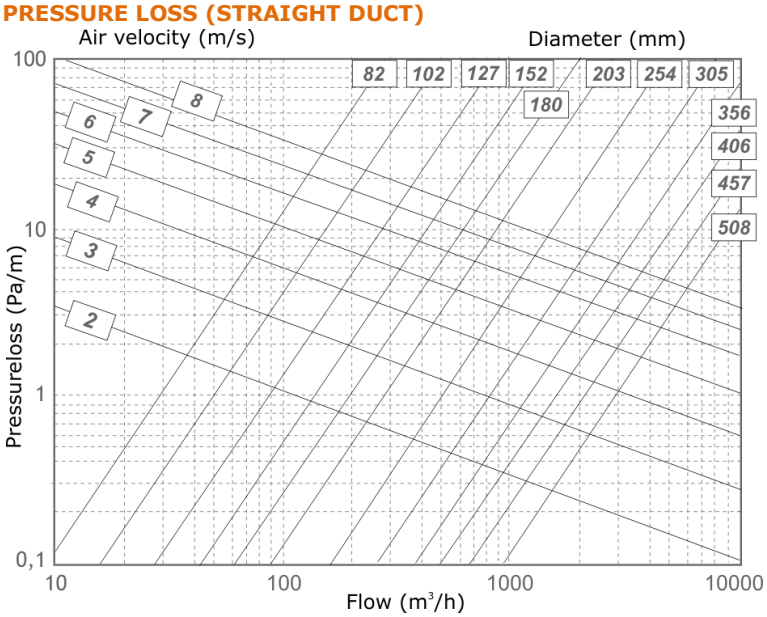
SPECIFICATIONS

Article code:	DIX50C1G/B{Ø}
Temperature range:	
Inner duct:	-30 ºC to 250 ºC
Outer duct:	-30 ºC to 140 ºC
Operating pressure:	up to +3000 Pa
Operating air velocity:	max. 30 m/s
Min. bending radius:	0.58 x Ø + 50mm
Standard diameter range:	82 – 635 mm
Standard length:	6 mtr

CONSTRUCTION

Inner duct:	Alu/poly laminate
Glass wool blanket:	50mm, 16kg/m³
Outer duct:	Alu/poly/pvc laminate
R-value glass wool:	1.3 m² K/W (ASTM C177-76)
Appearance:	Grey or Black

PRESSURE LOSS (STRAIGHT DUCT)



Regulation or protocol	Conclusion	Version of regulation or protocol
French VOC Regulation	ÉMISSIONS DANS L'AIR INTÉRIEUR A+ (A+ A B C)	Regulation of March and May 2011 (DEVL1101903D and DEVL1104875A)

The **ISODEC 500/COMBIDEC 2100** fulfills all the requirements and are classified as specified within EN 13180: *Ventilation for buildings – Ductwork - Dimensions and mechanical requirements for flexible ducts.*

Reach/RoHs Compliant
Directive 2011/65/EU RoHS
Phthalates according to 1907/2006/EC REACH
Test result: Pass - The test items meets the requirements of the test specification

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INDOOR AIR COMFORT eurofins GOLD CERTIFIED PRODUCT

BLAUER ENGEL DAS UMWELTZEICHEN