

## SMARTDEC®

Flexible vert Anti-microbien

**Smartdec® est un nouveau flexible écologique sans aucun PVC ! Sans COV et avec ses caractéristiques hygiéniques, il est particulièrement conseillé dans toutes les applications en habitat résidentiel, aussi bien en neuf qu'en rénovation. Smartdec® est composé d'un conduit intérieur Non-tissé Polypropylène supporté par une spire métallique à pas rapprochés. Ce conduit intérieur comporte le traitement DECPROTECT® Anti-bactérien & Anti-Fongicide afin de garantir la qualité de l'air intérieur :**

- ✓ **DECPROTECT™** résistance microbienne selon ISO 846 A
- ✓ Perte de charge; voir tableau ci-dessous
- ✓ Conformité aéraulique selon EN13180
- ✓ Atténuation acoustique selon ISO 7235
- ✓ Étanchéité D/ATC 2 jusqu'à +1000Pa
- ✓ Le conduit polypropylène offer une excellente résistance aux acides non-oxydants / graisses /solvants organiques
- ✓ Imperméable

### APPLICATIONS:

- Ventilation résidentielle;
- Réseaux selon EN 13180;
- Recommandé en RE2020;
- Rénovation/amélioration installation VMC

### AVANTAGES:

- ✓ Pas de PVC
- ✓ 0 Emissions
- ✓ Revêtement anti-microbien
- ✓ Nettoyable
- ✓ Très bonne résistance mécanique
- ✓ Durable
- ✓ Diamètres standards
- ✓ 100% recyclable

### Spécifications

Code article:	<b>SMAD [Ø]</b>
Couleur:	Vert
Diamètres:	82 à 315mm
Température d'utilisation:	-30°C à 60°C
Pression de service:	Jusqu'à 1000Pa
Résistance au feu EN-13501:	D-s1,d0
V max air:	max. 4m/s
Rayon de courbure:	R=0.54 X Ø+25mm
Classe d'étanchéité:	ATC 2 Class D jusqu'à 1000Pa
ISO 22196 antimicrobien:	Efficacité 99,9%
ISO 16869 antifongicide:	Efficacité 99,9%
Conditionnement:	Carton individuel
Montage:	Voir instructions
Longueur standard:	10 Mètres

Reach/RoHs : Conforme  
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



### LIABILITY:

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### PLEASE NOTICE:

The consultant is responsible for the actual installation and mounting of the product. The mentioned values with respect to temperatures are not appropriate to be used to determine the physical properties. These properties are also dependent on humidity and the temperature of the air inside and outside of the H.V.A.C. system.

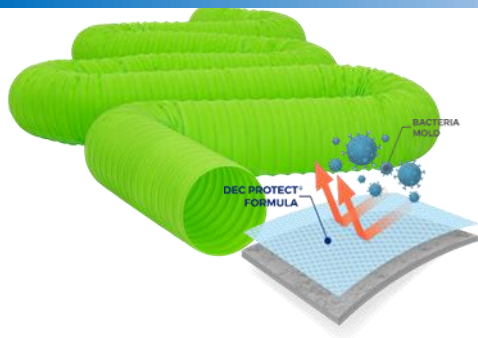
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### RESTRICTIONS:

The ducts are not suitable for discharging combustion products from open fireplaces and oil-fired boilers. Neither are the ALUDEC ducts suitable for transporting air with a high concentration of acid and base.



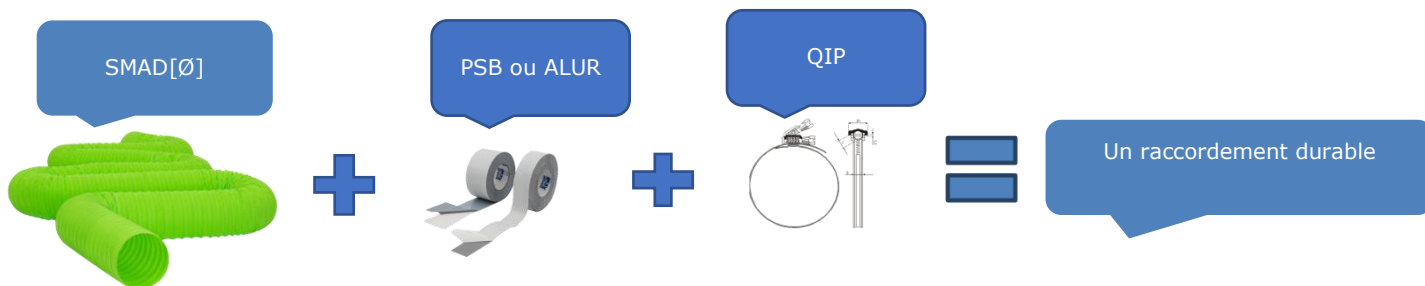


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**Smartdec®** est fabriqué selon la norme européenne EN 13180:  
Accessoires de ventilation – Conduits flexibles – Respect des exigences mécaniques et géométriques.

### Instructions de montage :



### Les conditions de montage préconisées :

- ✓ **Smartdec®** choix suivant le diamètre, le flux et la perte de charge possible;
- ✓ **Smartdec®** longueur droite ; si supérieure à 2 mètres, mise en place d'un collier de suspension [**SBRØ**];
- ✓ Raccordement étanche [**PSB ou ALUR**] + [**QIPØ**]
- ✓ Pour une performance maximale, le conduit intérieur **Smartdec®** doit être toujours complètement étiré.



### Produits complémentaires;

- Bouches de soufflage/reprise [**RONDOØ**];
- Autres composants DEC ventilation; nous contacter et/ou [www.decinternational.com](http://www.decinternational.com)

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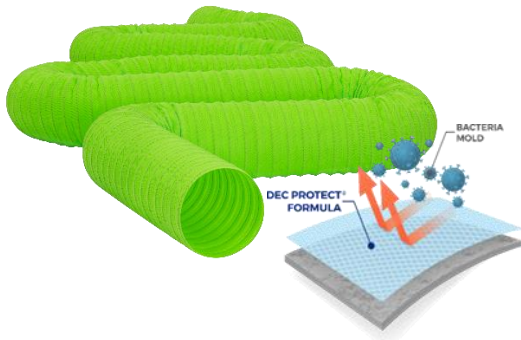
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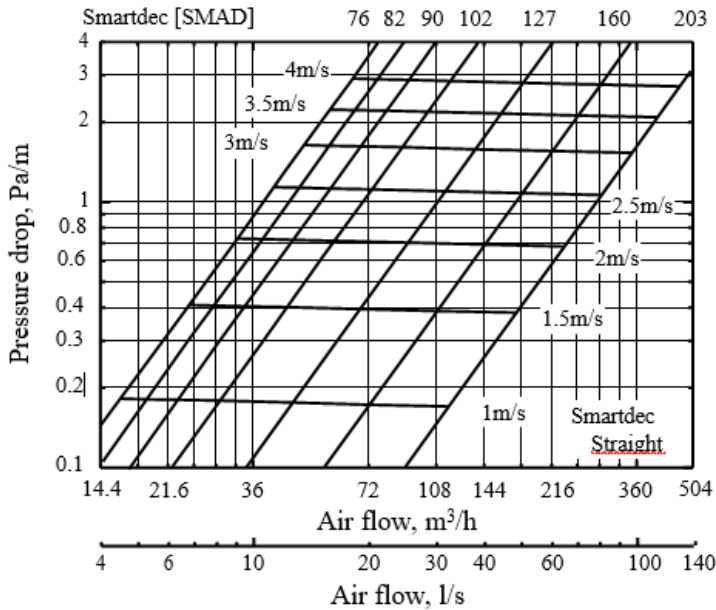
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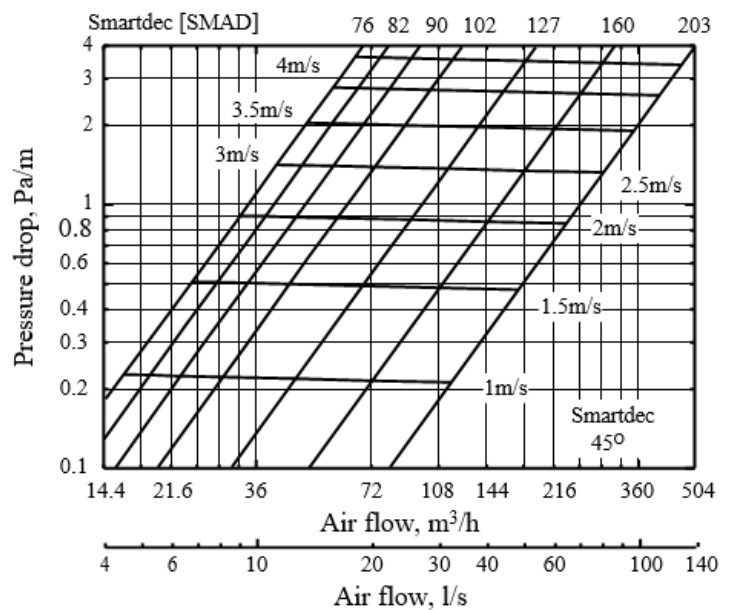


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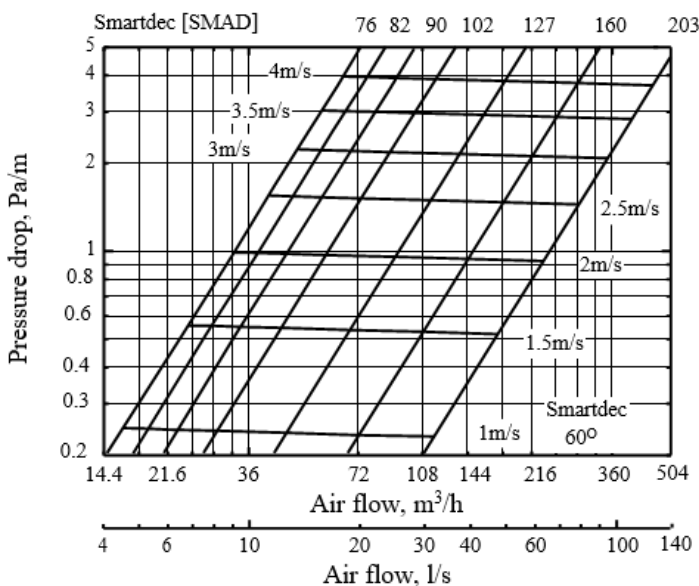
**Tableau Perte de charge Longueur droite**



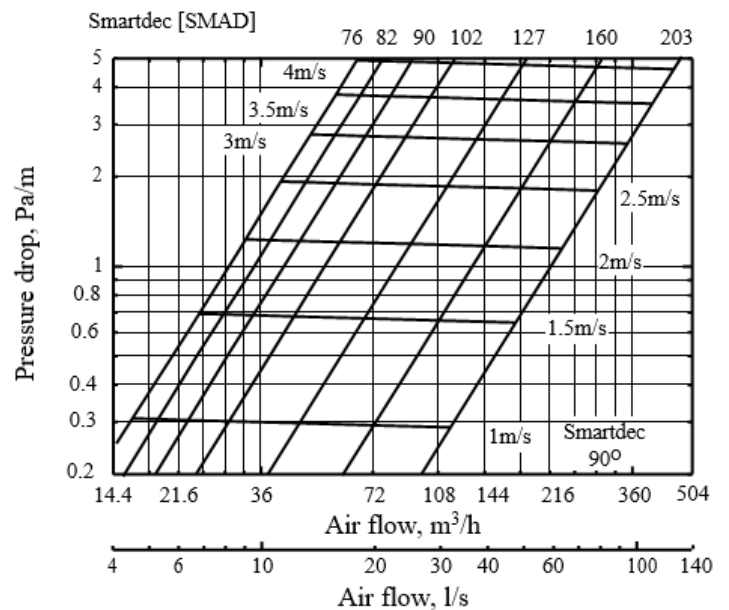
**Tableau Perte de charge avec angle 45°**



**Tableau Perte de charge avec angle 60°**



**Tableau Perte de charge avec angle 90°**



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