

## Certificate Uniflexplus+ air distribution system

Vent-Axia B.V. hereby declares that measurements on the Uniflexplus+ semi-rigid ducting system were carried out according to the NEN-EN 1507:2006 en, NEN-EN 1751:1998 en, NEN-EN 12237:2003 en and NEN 1087:2001 nl. The results of the measurements are presented in the Cauberg Huygen report 20120625-04 (11 march 2013).



### Technical data Uniflexplus+ air duct

Air duct	D <sub>o</sub>	D <sub>i</sub>	Max. inner corrugation	R <sub>min</sub>	Air flow per duct at 3m/s:
	mm	mm	mm	m	
DN 63	64	54	0,5	0,15	25m <sup>3</sup> /h
DN 75	76	64	0,6	0,15	34m <sup>3</sup> /h
DN 90	91	78	0,7	0,15	51m <sup>3</sup> /h

Type of duct:	Multi-layer duct, corrugated outside, smooth inside, bigger inner diameter for less pressure drop
Max load:	≥ 8 kN/m <sup>2</sup> according to EN-ISO 9969
Length:	Flexible duct, 50m/roll
Color:	Outer duct grey, inner duct white
Packaging:	Duct wrapped in foil, with two sealing caps
Material:	Physiological and toxicological harmless PE, new and clean materials with no recycled additives and also odour free
Airtightness:	Class D according to EN-12237, EN-1507 and LUKA Quality Assurance Manual
Extras:	Inner duct with antistatic and antibacterial (I.a.w. Biocidal Products Regulation EU 528/2012) additives
Operating temperature:	-20°C +60°C
Fire classification:	Normally flammable construction material class E, according to EN-13501-1



### Technical data Uniflexplus+ collectors and components

Material:	Physiological and toxicological harmless PP, new and clean materials with no recycled additives and also fragrance free
Airtightness:	Class D according to EN-12237, EN-1507 and LUKA Quality Assurance Manual
Extras:	Plastic components with antistatic and antibacterial (I.a.w. Biocidal Products Regulation EU 528/2012) additives
Operating temperature:	-20°C to +60°C

In accordance to its technical properties, we can guarantee that the Uniflexplus+ air distribution system offers the ideal conditions for an optimal air hygiene.

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