

Flexible Duct Specifications

2" & HE Flexible Duct



2" Flexible Duct

Our HE duct has been designed as a direct alternative for two 2" flex duct used in the Hi-Velocity System. No changes are required to fan coil selection and main plenum duct sizing.



HE Flexible Duct

2" Flexible Duct

Size	2" x 10' AFD	2" x 15' AFD	2" x 25' UFD
Part Numbers	R4.2 - 20020120010 (4/Cartron)	R4.2 - 20020120015 (4/Cartron)	R4.2 - 20020120025 (1/Cartron)
	R8 - 20022120010 (2/Cartron)	R8 - 20022120015 (2/Cartron)	R8 - 20022120025 (1/Cartron)
Flex Outside Diameter - R4.2	4.5" (101mm)	4.5" (101mm)	4.5" (101mm)
Flex Outside Diameter - R8	6.5" (165mm)	6.5" (165mm)	6.5" (165mm)

HE Flexible Duct

Size	HE x 10' AFD	HE x 15' AFD	HE x 25' UFD
Part Numbers	R4.2 - 20062020010 (2/Cartron)	R4.2 - 20062020015 (2/Cartron)	R4.2 - 20062020025 (1/Cartron)
	R8 - 20062030010 (1/Cartron)	R8 - 20062030015 (1/Cartron)	R8 - 20062030025 (1/Cartron)
Flex Outside Diameter - R4.2	5.5" (140mm)	5.5" (140mm)	5.5" (140mm)
Flex Outside Diameter - R8	7.5" (190mm)	7.5" (190mm)	7.5" (190mm)

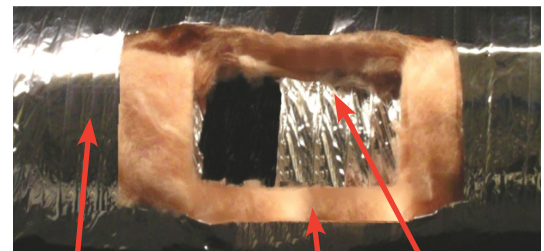
Duct Specifications

UL Listed	Air Duct, Class 1
Maximum rated velocity:	5000 ft/min and/or 25.4 m/s
Maximum rated positive pressure:	10 in. W.C. And/or 2.5 Kpa
Maximum rated negative pressure:	0.5 in. W.C. And/or 0.12 Kpa
Maximum flame spread:	25
Maximum smoke developed:	50
Standard UL 181	
Standard CAN/ULC-S110M	

Cut away showing the Inner Core

Inner core is made of a double lamination of foil laminate and clear polyester film which is interlaced with a galvanised steel wire (.041) having a 3/4" pitch.

The core is wrapped with fiberglass insulation certified "GREENGUARD" having a coefficient of R4.2/R8.4 and is encapsulated by a metallized vapour barrier reinforced with fiberglass string.



Metallized Vapour Barrier

Inner Core

Fiberglass Insulation