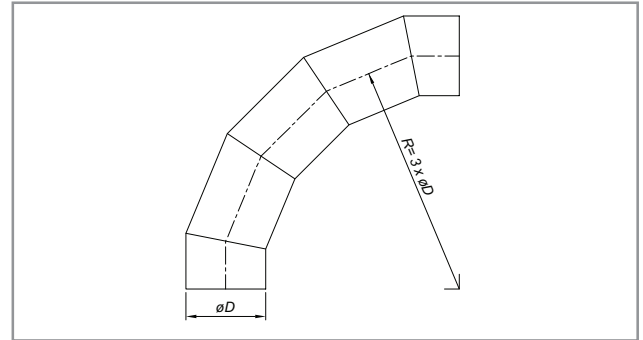


Advantages of Ventiflex

By using five segments for 90° turn and the ratio of $R = 3D$, the Ventiflex Bend gives the lowest static pressure and energy loss when using flexible ducting.

When the fan is running, this design allow the Ventiflex Bend to perform with an ideal shape from an air handling point of view, providing optimum flow efficiency when turning the air flow direction.



Description

The Ventiflex Bend comes equipped with the customers required type of coupling and suspension hooks and comes with necessary suspension eyelets for proper installation to the wire. When using the Ventiflex VF-coupling, the bend is supplied with steel rings in both ends, which makes the bend usable for right or left turns. By use of other types of couplings, the turn must be specified.

Technical Specifications

Grade	Ventiflex	FR or FRAS			
Angle	Bend	30°	45°	60°	90°
Zeta	ζ	0.10	0.13	0.18	0.25
Turn	Bend	Left (L)/Right (R)			
ϕD	mm	Duct diameter			
Suspension	Hook	VF or LP			
Coupling	Type	VF, Velcro or Zip			

Options and Accessories

- Suspension eyelets at both sides (top and bottom) for use as left and right (L/R) bend.
- Vertical mode
- Custom made angle

How to order

8900100 Ventiflex Bend/Grade/ ϕD /Angle/Turn/Type of coupling/Type of suspension hook

ϕD mm	$R = 3D$ R mm	FR				FRAS			
		$W - kg^1$				$W - kg^1$			
		30°	45°	60°	90°	30°	45°	60°	90°
500	1500	1.3	2.5	4.0	5.0	1.3	2.7	4.3	5.4
600	1800	1.7	3.4	5.4	6.7	1.8	3.6	5.7	7.2
700	2100	2.2	4.3	6.9	8.6	2.3	4.6	7.4	9.2
800	2400	2.4	4.9	7.8	9.7	2.6	5.2	8.3	10
900	2700	2.7	5.4	8.6	11	2.9	5.8	9.2	12
1000	3000	3.3	6.6	11	13	3.5	7.1	11	14
1100	3300	4.0	8.0	13	16	4.3	8.5	14	17
1200	3600	4.7	9.4	15	19	5.0	10	16	20
1300	3900	5.5	11	18	22	5.9	12	19	23
1400	4200	6.3	13	20	25	6.7	13	22	27
1500	4500	7.2	14	23	29	7.7	15	25	31
1600	4800	8.2	16	26	33	8.7	17	28	35
1700	5100	9.2	18	29	37	9.8	20	31	39
1800	5400	10	21	33	41	11	22	35	44
1900	5700	13	26	42	52	14	28	45	56
2000	6000	14	29	46	57	15	31	49	61
2100	6300	16	31	50	63	17	34	54	67
2200	6600	17	34	55	68	18	37	58	73
2300	6900	19	37	59	74	20	40	64	79
2400	7200	20	40	64	80	21	43	69	86
2500	7500	22	43	69	87	23	46	74	93

¹ Without couplings