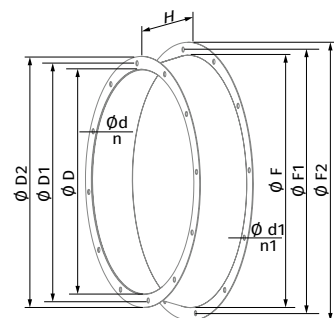


### INLET CONE VK-AF

- The inlet cone is recommended to be installed upstream of the fan to improve the air flow parameters. However, it must be installed in the absence of ducting attached to the fan inlet. The inlet cone helps reduce the fan dynamic pressure and increase the static component of the total fan pressure. The unit can be used in combination with the **SZ-AF** protective mesh which must be one size larger than the unit.
- The unit has two flanges and is made of steel with a polymer coating.

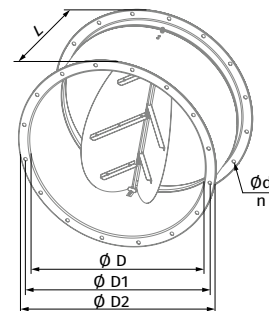
Model	Dimensions [mm]										Weight [kg]	
	ØD	ØD1	ØD2	Ød	n	ØF	ØF1	ØF2	H	Ød1		n
VK-AF-400	400	450	490	8	12	450	500	540	95	8	12	2.7
VK-AF-450	450	500	540	8	12	500	560	600	110	12	12	3.3
VK-AF-500	500	560	600	12	12	560	620	660	120	12	12	4.0
VK-AF-560	560	620	660	12	12	630	690	730	135	12	12	4.65
VK-AF-630	630	690	730	12	12	710	770	810	150	12	16	6.8
VK-AF-710	710	770	810	12	16	800	860	900	170	12	16	12
VK-AF-800	800	860	900	12	16	900	970	1015	190	15	16	15
VK-AF-900	900	970	1015	15	16	1000	1070	1115	210	15	16	21
VK-AF-1000	1000	1070	1115	15	16	1120	1190	1270	240	15	20	36.7
VK-AF-1120	1120	1190	1270	15	20	1250	1320	1400	255	15	20	45
VK-AF-1250	1250	1320	1400	15	20	1400	1470	1550	285	15	20	53.5



### BACKDRAFT DAMPER VRV-AF FIRE-RESISTANT BACKDRAFT DAMPER VRV-AF...400/2

- The backdraft damper with spring-loaded blades is used for shutoff of air flow in the air ducts and prevention of air backdraft during standstill of ventilation equipment. The damper blades are opened with the air pressure and closed with the spring.
- The damper placement in a ventilation system should account for the air flow direction. In case of a horizontal installation of the damper, the pivot axis of the blades must be true horizontal. A vertically installed damper is only suitable for air extraction duty. To assemble the **Axis-FP** fans, use the **VRV-AF...400/2** dampers, which are designed to operate at a temperature of 400 °C for 2 hours.
- The unit casing and the two spring-loaded blades are made of polymer-coated steel.

Model	Dimensions [mm]						Weight [kg]	
	ØD	ØD1	ØD2	Ød	n	L		
VRV-AF-400	VRV-AF-400-400/2	400	450	490	8	12	250	5.4
VRV-AF-450	VRV-AF-450-400/2	450	500	540	8	12	250	6.2
VRV-AF-500	VRV-AF-500-400/2	500	560	590	12	12	250	7.1
VRV-AF-560	VRV-AF-560-400/2	560	620	650	12	12	320	9.6
VRV-AF-630	VRV-AF-630-400/2	630	690	720	12	12	370	14.2
VRV-AF-710	VRV-AF-710-400/2	710	770	810	12	16	390	21.4
VRV-AF-800	VRV-AF-800-400/2	800	860	900	12	16	390	25.4
VRV-AF-900	VRV-AF-900-400/2	900	970	1010	15	16	450	32.6
VRV-AF-1000	VRV-AF-1000-400/2	1000	1070	1110	15	16	450	36.9
VRV-AF-1120	VRV-AF-1120-400/2	1120	1190	1260	15	20	540	59.5
VRV-AF-1250	VRV-AF-1250-400/2	1250	1320	1390	15	20	540	67.4



### BACKDRAFT DAMPER VRV1-AF

- The backdraft damper with a gravity plate is used for supply pressurisation systems and designed for shutoff of air flow during standstill of ventilation equipment. The damper plate opens with the pressure created by the air flow and closes under its own weight, blocking the duct.
- The **VRV1-AF** damper is only suitable for air supply duty and must be installed in the vertical position.
- The damper is made from polymer coated steel and has a single blade which closes under its own weight.

Model	Dimensions [mm]					Weight [kg]
	ØD	ØD1	ØD2	Ød	n	
VRV1-AF-400	400	450	490	8	12	8.1
VRV1-AF-450	450	500	540	8	12	9.8
VRV1-AF-500	500	560	600	12	12	14.4
VRV1-AF-560	560	620	660	12	12	17.5
VRV1-AF-630	630	690	730	12	12	21.4
VRV1-AF-710	710	770	810	12	16	26.8
VRV1-AF-800	800	860	900	12	16	33.2
VRV1-AF-900	900	970	1015	15	16	53.7
VRV1-AF-1000	1000	1070	1115	15	16	65
VRV1-AF-1120	1120	1190	1270	15	20	82.1
VRV1-AF-1250	1250	1320	1400	15	20	100.3

