

Iris dampers

SPI



The SPI iris dampers are designed for precise airflow measurement and regulation in circular ductwork. They feature built-in pressure measurement ports, a clearly graduated control lever, and a performance chart, allowing accurate determination of airflow volume (in m³/h) using a standard differential pressure manometer. Adjustment to the required airflow value is simple and reliable, ensuring optimal system balancing without the need for additional instruments.

MATERIALS AND FINISH

- Galvanised steel construction
- External EPDM gasket, leakage class C according to EN 1751

APPLICATION

Designed for airflow measurement and balancing. Operation is independent of airflow direction and suitable for both supply and extract air systems.

VERSIONS

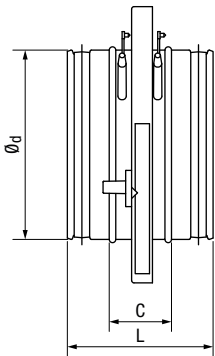
- SPI Standard iris damper
- SPM Iris damper with full shut-off capability

AIR DISTRIBUTION

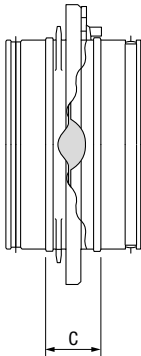
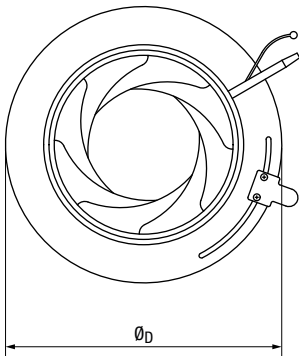
Ø _n	Dimensions [mm]				SPI
[mm]	Ø _d	Ø _D	C	L	€
80	79	134	54	135	
100	99	163	49	125	
125	124	210	49	125	●
150	149	230	50	125	
160	159	230	59	135	●
200	199	285	58	135	●
250	249	333	90	165	●
300	299	405	90	165	
315	314	406	90	165	
400	399	560	90	220	
500	499	644	80	220	
630	629	811	80	220	
800	798	1015	65	270	

● Product ready in stock

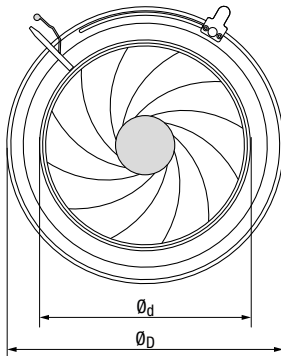
Ø _n	Dimensions [mm]				SPM
[mm]	Ø _d	Ø _D	C	L	€
80	-	-	-	135	
100	-	-	-	125	
125	-	-	-	125	
150	-	-	-	125	
160	159	230	60	135	
200	199	285	62	135	
250	249	333	62	165	
300	299	405	63	165	
315	314	406	63	165	
400	399	560	70	220	
500	-	-	-	220	
630	-	-	-	220	
800	-	-	-	270	



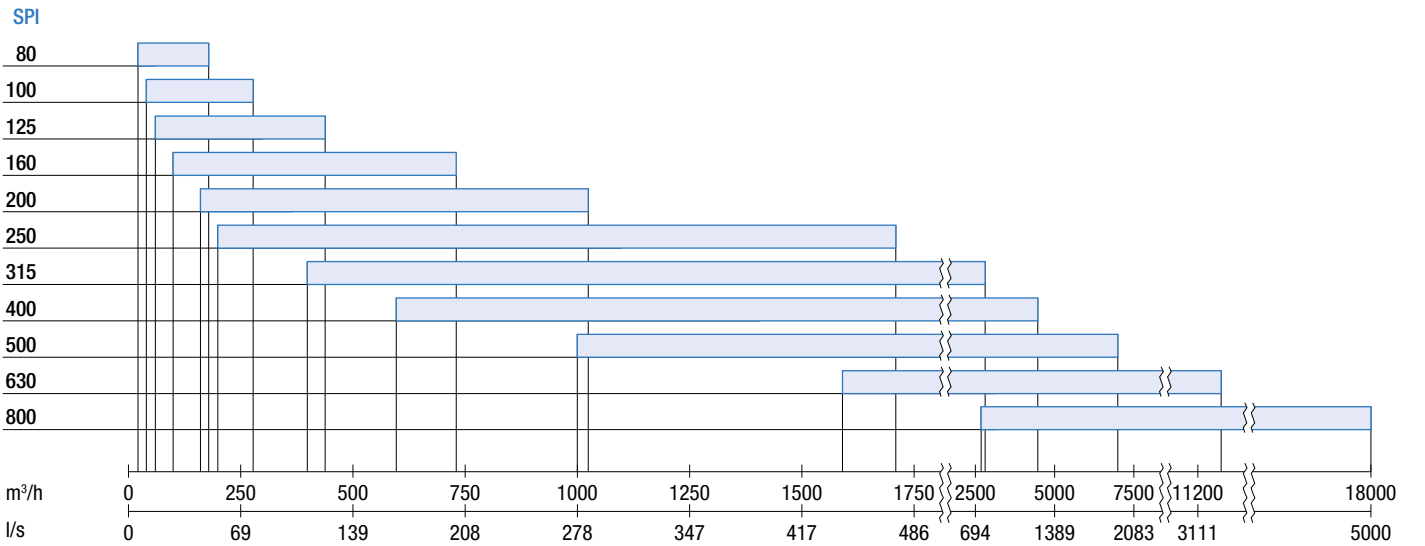
SPI



SPM

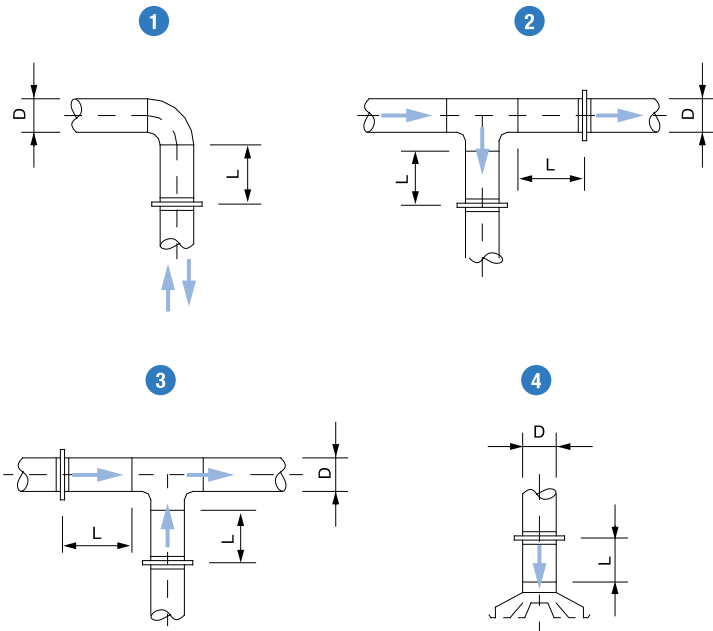


QUICK SELECTION



AIR DISTRIBUTION

MOUNTING OPTIONS IN CIRCULAR DUCTS



RECOMMENDED INSTALLATION CLEARANCES IN DUCT SYSTEMS		
Type	Minimum Installation Distance [L] for Correct Damper Function	
	$m^2 = \pm 7\%$	$m^2 = \pm 10\%$
1	$\geq 1 D$	$\geq 1 D$
2	$\geq 4 D$	$\geq 2 D$
3	$\geq 2 D$	$\geq 2 D$
4	$\geq 2 D$	$\geq 2 D$