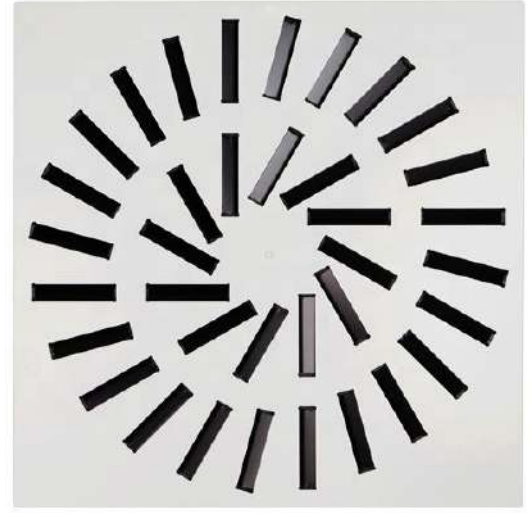
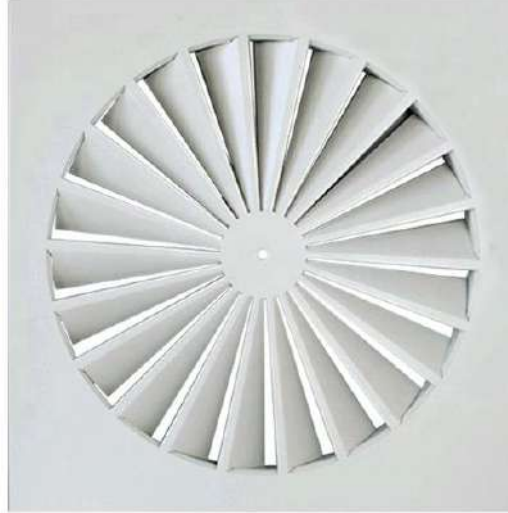


## Swirl Diffuser



**Description** The LinkedAir swirl diffuser are designed for supply air application. It can also be used in the high ceiling application ranging from 2.6 meters to 4 meters. The air blown into the room with a spiral “swirl” pattern which allows the air mix in very short distances. Due to its capacity and speciality of supply air pattern, the conditioned air can be set 1 to 3 degree lower than the classical systems (4 way) without causing the annoy cold draft. Therefore, the spacing can be set to required temperature more effectively.

**Construction** High strength steel Sheetmetal

**Application** Supply Air / Exhaust Air

**Size** *Square Swirl Diffuser* Standard Size:

Face Size (mm)	595 x 595	495 x 495	395 x 395
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*Round Swirl Diffuser* Standard Size:

Face Size (mm)	Ø620
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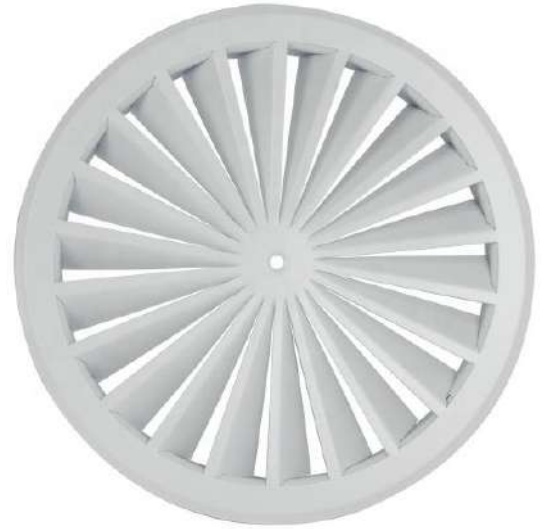
**Finish**

White (Powdercoated)

**Options**

Design	Colour
Round Type Adjustable Blade	Dulux Range

**Accessories** Plenum with Side or Top Entry  
Blanking Plate



- All performance data below is based on a ceiling height of 2.7 meters supplying cool air -10° below room temperature
- **Throws** are based on velocities of 0.25m/s at 1.8m from floor level
- **NOISE LEVEL** Noise data is based on a room absorption of 8db

Square Swirl Diffuser								
Air Flow Rate (l/s)	75	100	125	150	175	200	250	300
Total Pressure (Pa)	4	6	8	14	20	24	32	56
Throw (m) @0.25	0.8	1	1.2	1.6	1.9	2.1	2.6	3.3
NR LEVEL	-	-	22	24	26	29	36	43

Round Swirl Diffuser								
Air Flow Rate (l/s)	75	100	125	150	175	200	250	300
Total Pressure (Pa)	5	7	8	15	20	24	33	56
Throw (m) @0.25	0.9	1.1	1.2	1.7	1.9	2.1	2.7	3.3
NR LEVEL	-	-	22	25	27	30	36	43

Adjustable Swirl Diffuser	NECK AIR VELOCITY (m/s)					
	2.5	3.5	4.5	5.5	6.5	7.5
Total Pressure (Pa)	9.0	16	25	39	56	77
Air Flow Rate (l/s)	100	135	175	215	255	295
MIN MAX Throw (m)	0.6 - 0.9	0.7 - 1.2	0.9 - 1.5	1.2 - 1.75	1.45 - 2.15	1.75 - 2.30
NR LEVEL	20	24	28	33	34	37