

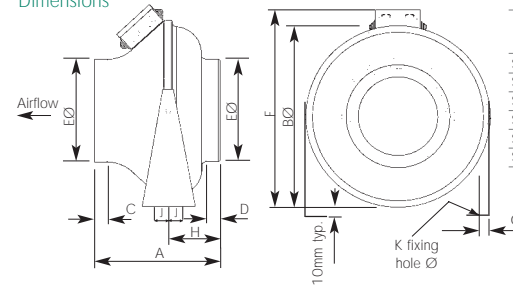
# Euroflow® - (SDX) In-Line Centrifugal Duct Fans



## Features and Benefits

- Available in sizes 100 to 315.
- 150 to 315 available in standard or high performance.
- Motor Insulation Class B, protected to IP44.
- Operating Temperatures from -15°C up to +40°C.
- HOT SPOT Protection.
- All units suitable for speed control.
- Quality Assurance to BS EN ISO 9001:1994.
- Performance tested to BS848 Part 1 1980.

## Dimensions



Unit	Size	A	B	C	D	E	F	G	H	J	K	Weight Kg
SDX100	240	250	35	36	98	280	41.5	120	42.5	7	3.0	
SDX125	240	250	35	36	123	280	41.5	120	42.5	7	3.0	
SDX150	250	342	35	36	148	372	41.5	120	42.5	7	5.0	
SDX200	239	349	25	27	198	379	41.5	99	42.5	7	5.0	
SDX250	259	349	25	27	248	379	41.5	129	42.5	7	5.5	
SDX315	259	399	32	27	313	441	41.5	139	42.5	7	6.0	

Models **GEN** All RED highlighted text

All BLUE highlighted text **IND**

Standard Unit	High Performance	Speed Controller		Starter		Electric Heaters	Panel Filters	Bag Filters	Spare Bag Filters
Stock Ref	Stock Ref	Electronic 1ph	Auto Transfor. 1ph	Models "A"	Models "H"	Stock Ref	Stock Ref	Stock Ref	Stock Ref
SDX100A	-	SP5001	SPM5020	RDO1A	-	QAH100	QPF100A	QPF100A	FILTERQPF100
SDX125A	-	SP5001	SPM5020	RDO1A	-	QAH125	QPF125A	QPF125A	FILTERQPF125
SDX150A	SDX150H	SP5001	SPM5020	RDO1A	RDO1A	QAH150	QPF150A	QPF150A	-
SDX200A	SDX200H	SP5001	SPM5020	RDO1A	RDO1C	QAH200	QPF200A	QPF200A	FILTERQPF200
SDX250A	SDX250H	SP5001	SPM5020	RDO1C	RDO1C	QAH250	QPF250A	QPF250A	FILTERQPF250
SDX315A	SDX315H	SP5001	SPM5020	RDO1D	RDO1D	QAH315	QPF315A	QPF315A	FILTERQPF315

Model	In-Line Attenuators				Wall Terminal	Roof Terminal	Louvre Shutter	Ceiling Terminals	Extract Valves	Supply Valves
	Stock Ref 300mm	Stock Ref 600mm	Stock Ref 900mm	Stock Ref 1200mm	Stock Ref* (280mm)	Stock Ref	Stock Ref	Stock Ref	Plastic Stock Ref	Plastic Stock Ref
SDX100	83010030	83010060	83010090	-	SA100/280	WRC100	LS250	-	VLF100	VLI100
SDX125	83012030	83012060	83012090	-	SA125/280	WB160	LS250	PNE125 150sq Grille	VLF125	VLI125
SDX150	83015030	83015060	83015090	-	SA150/280	WB160	LS315	PNE160 200sq Grille	VLF150	VLI150
SDX200	-	83020060	83020090	83020120	SA200/280	WB200	LS315	PNE250 350sq Grille	VLK200	VLK200
SDX250	-	83025060	83025090	83025120	SA250/280	WB200	LS315	PNE315 400sq Grille	-	-
SDX315	-	83031060	83031090	83031120	SA315/280	RU31/35P	LS400	-	-	-

Model	Supply or Extract Steel Valves Stock Ref	Fire Protection Valves Stock Ref	Back Draught Shutters Stock Ref	Intumescent Fire Dampers Stock Ref	Circular Fusible Link Fire Damper Stock Ref
SDX100	VHE100	VHD100	BDS100	CVT100	PA100B
SDX125	VHE120	VHD120	BDS125	CVT130	PA125B
SDX150	VHE150	VHD150	BDS150	CVT150	-
SDX200	VHE200	VHD200	BDS200	CVT200	PA200B
SDX250	-	-	BDS250	CVT250	-
SDX315	-	-	BDS315	CVT300	-

## Performance Guide & Electrical Data

Model	Nom. RPM	Phase	Duty - m³/s @ Pa												Motor Watts	Amps FLC	Amps SC	dBA @ 3m
			0	25	50	75	100	125	150	200	250	300	350	400				

### Standard Range

SDX100A	2450	1	0.06	0.06	0.05	0.05	0.05	0.04	0.04	0.03	0.01					80	0.36	1.44	47
SDX125A	2450	1	0.08	0.08	0.07	0.06	0.05	0.05	0.04	0.03	0.01					80	0.36	1.44	47
SDX150A	2600	1	0.16	0.15	0.14	0.13	0.12	0.10	0.09	0.07	0.05	0.03				85	0.38	1.52	51
SDX200A	2600	1	0.21	0.2	0.18	0.17	0.15	0.14	0.12	0.09	0.07	0.04	0.01			85	0.38	1.52	50
SDX250A	2700	1	0.25	0.24	0.23	0.22	0.21	0.20	0.19	0.16	0.14	0.11	0.06			150	0.66	2.64	53
SDX315A	2460	1	0.30	0.35	0.34	0.33	0.31	0.30	0.29	0.27	0.25	0.22	0.20	0.18	0.16	230	1.05	4.20	61

### High Performance Range

SDX150H	2700	1	0.18	0.17	0.16	0.15	0.14	0.13	0.12	0.10	0.08	0.06	0.03			85	0.38	1.52	51
SDX200H	2700	1	0.24	0.23	0.22	0.21	0.19	0.18	0.17	0.15	0.12	0.09	0.04			150	0.66	2.64	54
SDX250H	2600	1	0.27	0.20	0.24	0.23	0.21	0.20	0.19	0.17	0.14	0.12	0.10	0.07	0.05	155	0.70	2.80	53
SDX315H	2460	1	0.51	0.49	0.48	0.46	0.44	0.43	0.41	0.38	0.35	0.32	0.28	0.24	0.21	230	1.05	4.20	61

FLC = Full Load Current SC = Starting Current