



APPLICATION

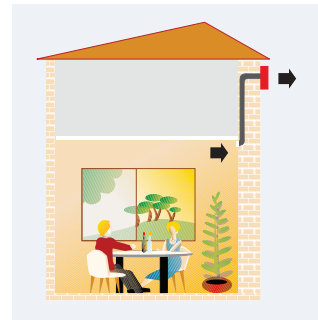
The SWF series is designed for ventilation of residential and commercial spaces, as well as for extraction from industrial spaces such as workshops or warehouses. Perfect for offices, cafes, small restaurants.

CONSTRUCTION

Series of direct driven centrifugal fans, manufactured from high grade pressed galvanized steel protected against corrosion by polyester paint finish. All the fans are provided with a removable top for easy access to motor for cleaning or inspection, and a large grille. Fans are also equipped with a back-draft damper, a pre-wired terminal box and a backward curved centrifugal impeller. Working temperature from -20°C to +40°C or +60°C (models 150X i 200).

MOTOR

Single phase motor 230V-50Hz with ball bearings and safety thermal overload protection (of 130°C). The fans are class B insulation (models 100, 100X and 150) or class F insulation (models 150X and 200) and IP44 rated. Diagram of the electrical connection fig. 9, p. 663.



Outdoor location

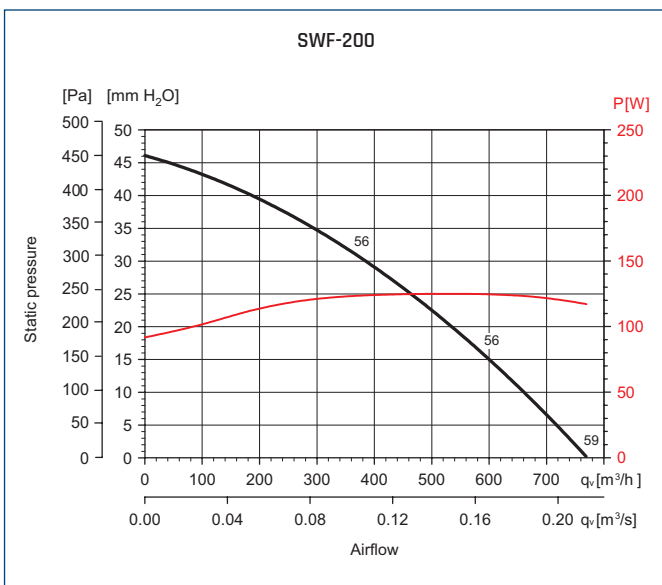
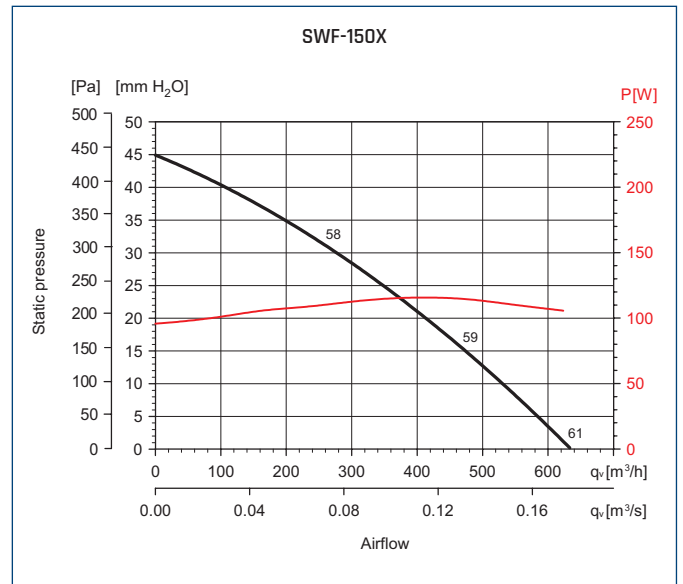
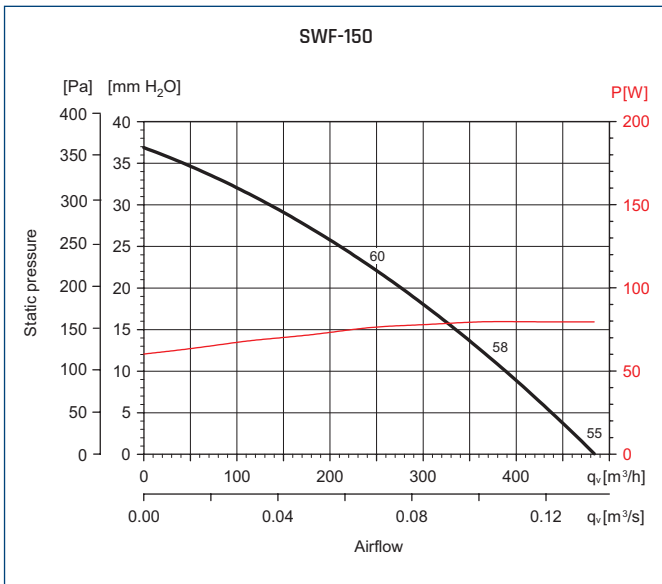
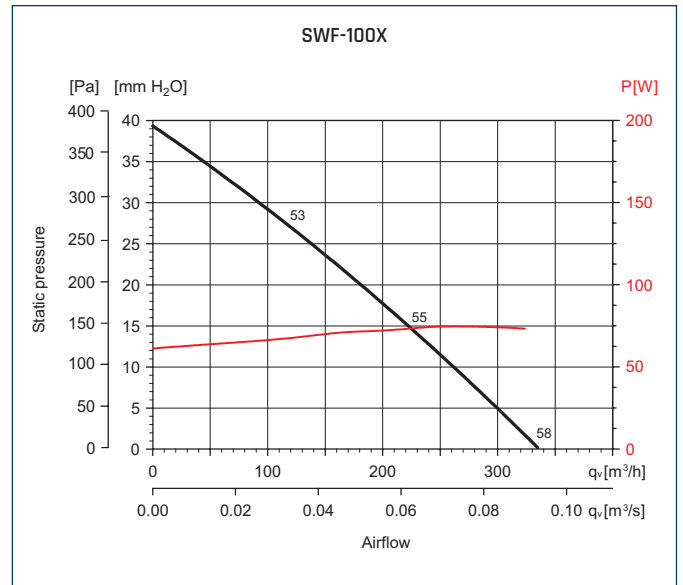
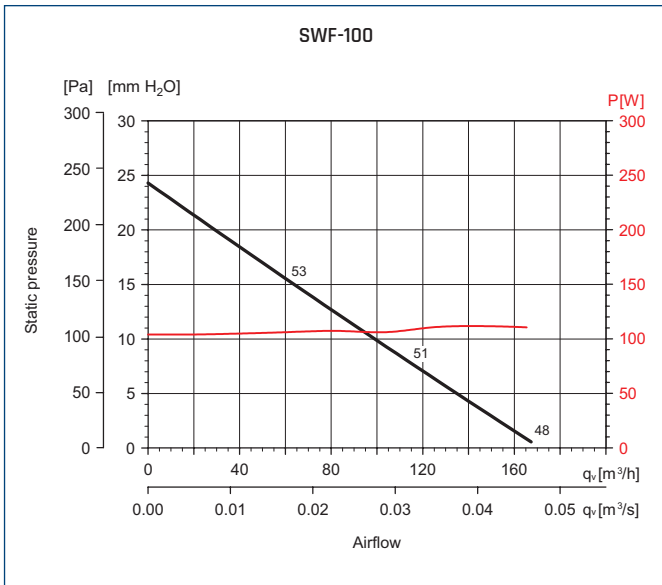
Fans designed to be installed outdoors (on the facade). Direction of air flow as in the diagram.

TECHNICAL CHARACTERISTICS

Type	speed	maximum absorbed power	maximum absorbed current	maximum airflow	sound pressure level*
	[r.p.m.]	[W]	[A]	[m ³ /h]	[dB(A)]
SWF-100	2100	48	0,22	165	51
SWF-100X	2600	72	0,35	325	55
SWF-150	2540	80	0,34	485	58
SWF-150X	2700	130	0,53	625	59
SWF-200	2700	130	0,53	770	56

* Measured at 1 m at free field, with ducted inlet and outlet.

PERFORMANCE CURVES

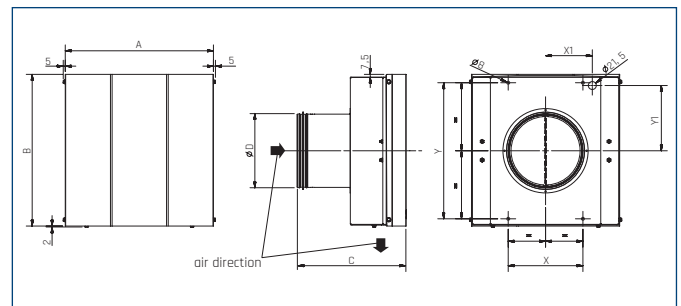


ACOUSTIC CHARACTERISTICS

Sound power spectrum in dB(A), at the fan inlet and outlet, at 3 working points of the performance curve.

Frequency Hz/dB(A)		63	125	250	500	1000	2000	4000	8000
100	Inlet	33	43	48	54	58	56	48	39
		36	43	53	57	61	58	50	41
		38	45	55	61	64	60	52	43
	Outlet	34	45	58	60	60	59	56	46
		35	47	62	63	62	61	58	49
		39	48	64	66	65	63	60	51
100X	Inlet	41	47	56	65	69	65	57	46
		42	47	55	62	66	62	53	42
		44	49	52	61	65	59	50	40
	Outlet	40	50	63	72	70	68	64	51
		42	50	61	68	67	64	59	48
		44	51	60	68	65	61	56	46
150	Inlet	36	45	55	66	65	64	56	53
		33	42	55	66	62	63	55	45
		31	42	55	65	62	61	55	42
	Outlet	37	47	58	67	67	67	63	56
		39	49	61	71	71	70	67	60
		41	51	62	72	73	72	70	61
150X	Inlet	39	48	61	75	74	70	64	53
		39	50	65	74	72	68	61	48
		44	53	63	74	71	66	57	46
	Outlet	37	48	64	75	74	72	67	58
		38	50	69	73	71	69	64	51
		44	53	66	72	70	67	61	49
200	Inlet	37	48	65	73	73	70	65	58
		36	49	63	70	69	66	59	50
		40	58	67	74	69	64	56	46
	Outlet	37	48	60	72	71	71	68	60
		38	55	64	71	67	64	60	49
		38	55	64	71	67	64	60	49

DIMENSIONS [mm]



Type	A	B	C	ØD	X	Y
SWF-100	337	337	228	100	150	295
SWF-100X	337	337	228	100	150	295
SWF-150	337	337	260	150	150	295
SWF-150X	395	408	254	150	199	366
SWF-200	395	408	291	200	199	366

ACCESSORIES

Type	diffuser	diffuser
	AKK	AKN
SWF-100	19523100	19524800
SWF-100X	19523100	19524800
SWF-150	-	-
SWF-150X	-	-
SWF-200	19523200	19524900



ELECTRICAL ACCESSORIES

Type	wall thermostat	air quality sensor	humidistat	thyristor regulator			11-speed thyristor regulator	2-adjustable 6-speed thyristor reg.	transformer regulator	ERV
	TS	SQA	HIG-2	REB N	REB NE	TLR	IRF	RND-1	RMB	
SWF-100	40025345	40025140	40025150	40025010	40025020	40025025	40015154	40025630	40025060	-
SWF-100X										40025046
SWF-150										
SWF-150X										
SWF-200										

