

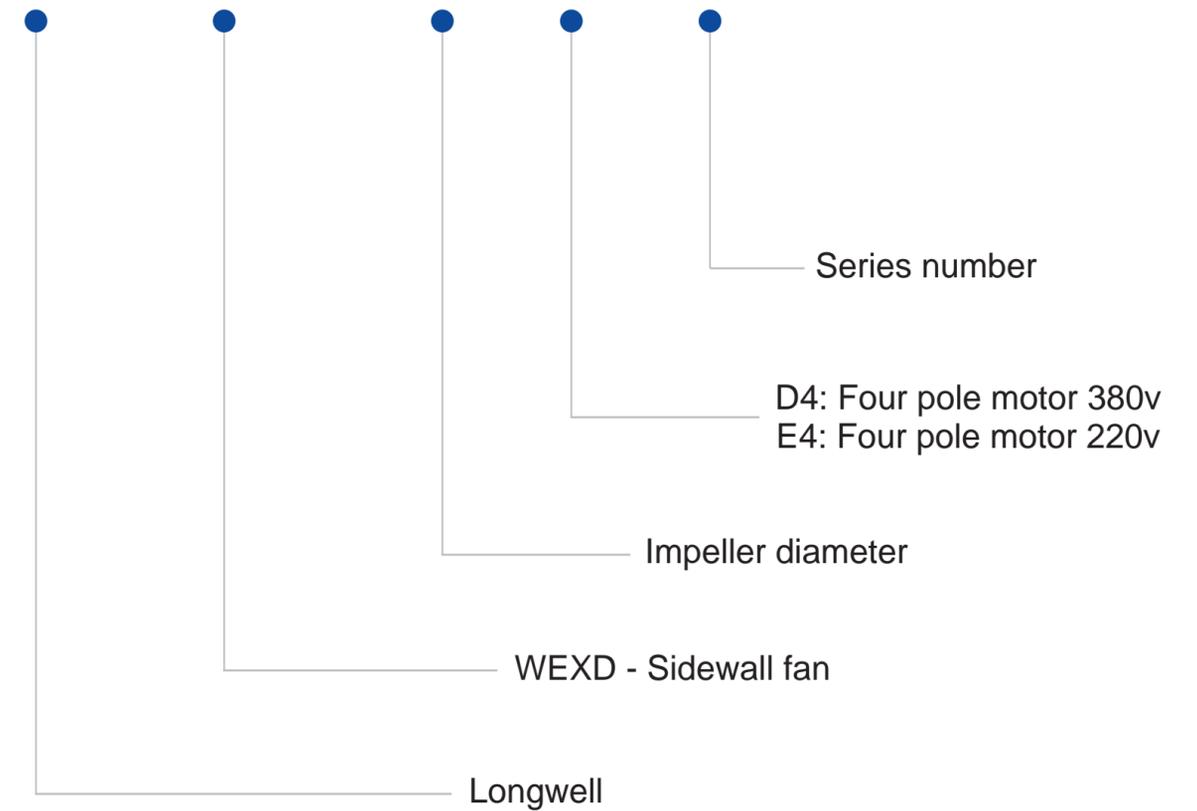
Sidewall Fan

Professional HVAC Fan & Motors Manufacturer



Type Code

LW WEXD - 250 D4 - 01



Sidewall Supply And Exhaust Fan

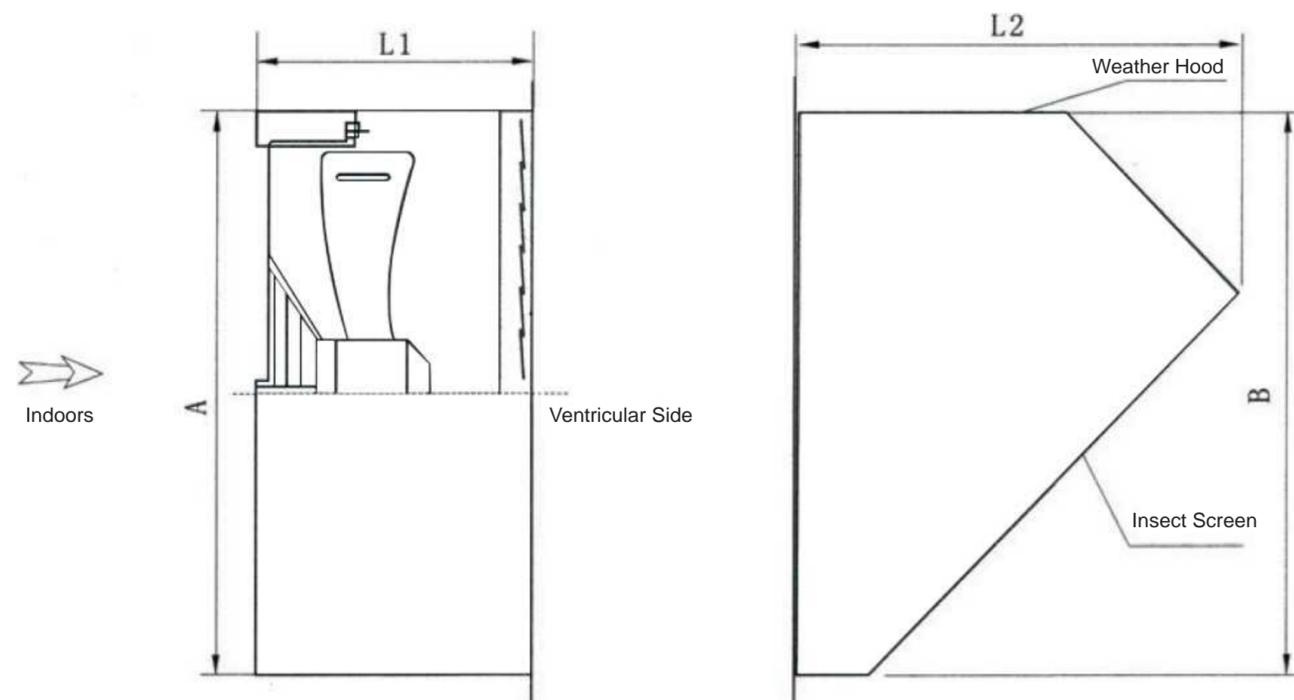
Product Overview

The sidewall fan adopts advanced forward-curved blades and a special motor directly connected to the fan for low noise operation. The square-shaped design allows for easy installation on concrete walls, brick walls, or light steel pressure-formed wall panels. The square rain-deflector structure is sturdy and aesthetically pleasing. It has the characteristics of low noise, high air volume, reliable operation, wide range of performance parameters, and easy installation. It is widely used in ventilation and air exchange for workshops in industrial plants, as well as in civil and commercial building projects. Depending on the requirements of the conveyed medium, it can be made corrosion-resistant or explosion-proof.

The fan is generally used for sidewall exhaust, equipped with a 45° rain-deflector (or specially manufactured as 60°) and an insect screen (to prevent insects from entering the workshop during nighttime). It can also be made into a sidewall supply fan as needed, equipped with a 90° rain-deflector (to protect against wind, rain, and dust) and an insect screen (to prevent insects from entering the workshop during nighttime).



Product Drawing



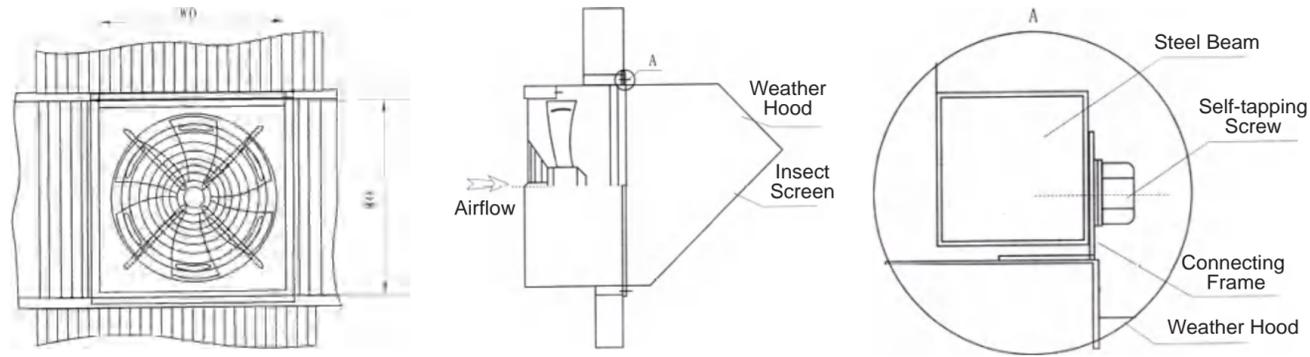
Installation Dimensions Table

Model	A	L1	L2	B	Fan weight (kg)	Weather hood weight(kg)
LWWEXD-250	320	200	295	290	11	5.5
LWWEXD-300	370	200	325	340	12	6
LWWEXD-350	420	240	360	390	14.5	6.5
LWWEXD-400	470	260	400	440	15.5	7
LWWEXD-450	520	260	430	490	17.5	7.5
LWWEXD-500	570	260	470	540	20.5	8
LWWEXD-550	620	280	495	590	22	8.5
LWWEXD-600	765	400	590	735	24.5	9
LWWEXD-650	810	450	615	780	26.5	9.5
LWWEXD-700	855	460	635	825	28.5	10
LWWEXD-750	920	500	670	890	32	12
LWWEXD-800	975	500	705	945	33	14
LWWEXD-900	1075	500	755	1045	34	16

Parameter Table

Model	Air volume (m³/h)	Static pressure(Pa)	Voltage (V)	Frequency (Hz)	Motor power(W)	Current (A)	Speed (r/min)	Noise [dB(A)]	Capacitance (μF)
LWWEXD-250D4-01	1700	50	380	50	60	0.15	1420	55	/
LWWEXD-250E4-02	1500	50	220	50	60	0.25	1350	55	2
LWWEXD-300D4-01	1800	50	380	50	80	0.2	1400	58	/
LWWEXD-300E4-02	1600	50	220	50	80	0.37	1380	58	3
LWWEXD-350D4-01	2800	45	380	50	125	0.35	1380	62	/
LWWEXD-350E4-02	2200	50	220	50	125	0.53	1360	62	4
LWWEXD-400D4-01	3800	45	380	50	180	0.4	1400	68	/
LWWEXD-400E4-02	3800	50	220	50	180	0.8	1400	68	6
LWWEXD-450D4-01	6500	50	380	50	250	0.52	1350	70	/
LWWEXD-450E4-02	6300	50	220	50	250	1.15	1360	70	8
LWWEXD-500D4-01	7800	50	380	50	370	0.7	1350	72	/
LWWEXD-500E4-02	7400	50	220	50	370	1.75	1200	72	10
LWWEXD-550D4-01	9300	50	380	50	550	1.2	1300	78	/
LWWEXD-550E4-02	7600	50	220	50	550	2.1	1180	68	10
LWWEXD-600D4-01	12500	100	380	50	750	1.6	1380	80	/
LWWEXD-650D4-01	16500	100	380	50	1900	3.5	1350	<81	/
LWWEXD-700D6-01	13000	50	380	50	1000	2.3	920	<82	/
LWWEXD-750D6-01	16200	50	380	50	1200	3.2	910	<83	/
LWWEXD-800D6-01	23000	70	380	50	1400	3.4	940	<85	/
LWWEXD-900D6-01	25000	75	380	50	1600	3.2	940	<86	/

Installation Diagram Of Sidewall Fan



Model	Size of sidewall opening(mm)
WEXD-250D4/E4	340x340
WEXD-300D4/E4	390x390
WEXD-350D4/E4	440x440
WEXD-400D4/E4	490x490
WEXD-450D4/E4	540x540
WEXD-500D4/E4	590x590
WEXD-550D4/E4	640x640

Model	Size of sidewall opening(mm)
WEXD-600D4	790x790
WEXD-650D4	835x835
WEXD-700D6	880x880
WEXD-750D6	945x945
WEXD-800D6	1000x1000
WEXD-900D6	1100x1100

Detailed Installation Diagram Of Sidewall Supply Fan

It can be made into a sidewall supply fan, with performance parameters consistent with the exhaust fan, installed on the sidewall for indoor air supply (as shown in the diagram below)

