

Axial Flow Roof Fan

Product Characteristic

- Impeller material:
 - Power supply:
 - Humidity:
 - Operation temperature:

Stainless steel

3 Phase/380V/50Hz

< 99%

-20 C ~ +45 C
- Medium condition:

- Regular type: Non-corrosive, non-flammable, explosive gas (dust content not exceeding 100mg/m³)
 - Explosion-proof type: Non-corrosive, containing flammable and explosive gases (with dust content not exceeding 100mg/m³)
 - Anticorrosion type: Corrosive gas (with no particulate matter)
 - Application:

The fan can be mainly used for high-rise buildings, factories, power plants,stations stadiums and other medium and low pressure, large-flow ventilation and air exchange



Parameter table

Model	Speed (r/min)	Air volume (m³/h)	Static pressure (Pa)	Motor power (kW)	Noise [dB(A)]	Weight (kg)
LWARF310-01E	2850	3300	181	0.37	65	31
LWARF310-02E	2850	3160	188		65	
LWARF310-03E	2850	3020	196		65	
LWARF310-04E	2850	2900	208		65	
LWARF310-05E	2850	2750	220		66	
LWARF310-06E	2850	2600	232		66	
LWARF310-07E	1450	1650	62	0.06	52	29
LWARF310-08E	1450	1610	64		53	
LWARF310-09E	1450	1570	65		53	
LWARF310-10E	1450	1530	67		53	
LWARF310-11E	1450	1490	70		53	
LWARF310-12E	1450	1450	72		53	
LWARF410-01E	2850	7450	193	0.75	69	34
LWARF410-02E	2850	7000	205		69	
LWARF410-03E	2850	6600	218		69	
LWARF410-04E	2850	6250	230		70	
LWARF410-05E	2850	5720	240		70	
LWARF410-06E	2850	5300	250		70	

Model	Speed (r/min)	Air volume (m³/h)	Static pressure (Pa)	Motor power (kW)	Noise [dB(A)]	Weight (kg)
LWARF410-07E	1450	5700	176	0.55	67	32
LWARF410-08E	1450	5480	180		67	
LWARF410-09E	1450	5260	182		67	
LWARF410-10E	1450	5020	185		67	
LWARF410-11E	1450	4800	187		67	
LWARF410-12E	1450	4580	190		67	
LWARF510-01E	1450	8000	135	0.55	66	58
LWARF510-02E	1450	7750	148		67	
LWARF510-03E	1450	7500	162		67	
LWARF510-04E	1450	6800	170		67	
LWARF510-05E	1450	6200	182		68	
LWARF510-06E	1450	5600	191		68	
LWARF510-07E	960	7000	113	0.37	62	59
LWARF510-08E	960	6850	117		62	
LWARF510-09E	960	6700	122		62	
LWARF510-10E	960	6600	125		63	
LWARF510-11E	960	6500	128		63	
LWARF510-12E	960	6400	131		63	
LWARF510-13E	720	6000	88	0.25	59	60
LWARF510-14E	720	5500	90		59	
LWARF510-15E	720	5000	92		59	
LWARF510-16E	720	4700	93		59	
LWARF510-17E	720	4400	95		58	
LWARF510-18E	720	4100	96		58	
LWARF610-01E	1450	15000	232	1.5	71	83
LWARF610-02E	1450	14500	240		72	
LWARF610-03E	1450	14000	251		72	
LWARF610-04E	1450	13700	256		72	
LWARF610-05E	1450	13400	262		72	
LWARF610-06E	1450	13000	267		72	
LWARF610-07E	960	11000	168	1.1	67	84
LWARF610-08E	960	10600	172		67	
LWARF610-09E	960	10200	180		68	
LWARF610-10E	960	9800	185		68	
LWARF610-11E	960	9400	189		68	
LWARF610-12E	960	9100	193		68	
LWARF610-13E	720	8500	111	0.55	63	88
LWARF610-14E	720	8350	116		63	
LWARF610-15E	720	8200	121		63	
LWARF610-16E	720	8000	127		64	
LWARF610-17E	720	7800	132		64	
LWARF610-18E	720	7600	136		64	

Model	Speed (r/min)	Air volume (m³/h)	Static pressure (Pa)	Motor power (kW)	Noise [dB(A)]	Weight (kg)
LWARF2210-01E	480	181440	193	18.5	79	904
LWARF2210-02E	480	174000	196		79	
LWARF2210-03E	480	166000	199		79	
LWARF2210-04E	480	159000	202		79	
LWARF2210-05E	480	152000	206		79	
LWARF2210-06E	480	148500	210		79	
LWARF2210-07E	320	139500	135	11	73	904
LWARF2210-08E	320	133200	138		73	
LWARF2210-09E	320	127000	142		74	
LWARF2210-10E	320	120000	146		74	
LWARF2210-11E	320	114000	150		74	
LWARF2210-12E	320	107550	155		74	
LWARF2410-01E	480	198720	212	22	80	975
LWARF2410-02E	480	190000	218		80	
LWARF2410-03E	480	182000	225		80	
LWARF2410-04E	480	174000	232		80	
LWARF2410-05E	480	165500	238		80	
LWARF2410-06E	480	158850	246		80	
LWARF2410-07E	320	157500	133	11	75	922
LWARF2410-08E	320	150000	140		75	
LWARF2410-09E	320	142000	146		75	
LWARF2410-10E	320	135200	153		75	
LWARF2410-11E	320	128600	160		76	
LWARF2410-12E	320	121500	169		76	

Installation dimensions table

Model	D	A	H	F	E	C	B
LWARF-310	310	580	540	50	350	480	500
LWARF-410	410	660	620	50	400	580	600
LWARF-510	510	900	630	50	400	680	700
LWARF-610	610	1000	690	50	450	780	800
LWARF-710	710	1220	780	50	500	880	900
LWARF-810	810	1340	840	50	500	980	1000
LWARF-910	910	1650	950	50	600	1080	1100
LWARF-1010	1010	1650	1000	50	650	1180	1200
LWARF-1110	1110	1860	1110	50	650	1380	1400
LWARF-1210	1210	1860	970	100	525	1380	1400
LWARF-1410	1410	2500	1105	100	625	1540	1560
LWARF-1510	1510	2500	1455	100	625	1680	1700
LWARF-1610	1610	3120	1455	100	625	1780	1800
LWARF-1810	1810	3120	1505	100	675	1980	2000
LWARF-2010	2010	3500	1505	100	675	2180	2200
LWARF-2210	2210	3500	1505	100	675	2380	2400
LWARF-2410	2410	3500	1505	100	675	2580	2600

