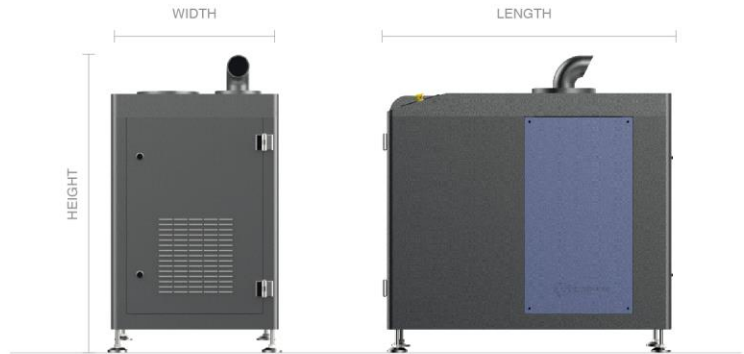


SPECIFICATION

SINGLE TYPE

Single Motor
Single Impeller WL Series



***METRIC**

SPECIFICATION	WL10	WL20	WL30	WL40	WL50	WL75	WL100	WL125	WL150	WL200	WL250	
DISCHARGE PRESSURE (mmAq)		SINGLE TYPE										
		Air Flow (m ³ /min) : 1atm, 20°C, 65%RH, Tolerance=±5%										
AIR FLOW RATE (m ³ /min)	4,000	-	-	28	37	47	70	100	115	130	-	-
	6,000	7	14	20	25	34	51	69	82	105	140	160
	8,000	5	11	17	22	28	42	55	70	84	109	135
	10,000	-	-	14	18	21	34	45	55	65	87	104
	12,000	-	-	-	-	18	28	38	47	57	75	93
SHAFT POWER (HP)	10	20	30	40	50	75	100	120	150	200	250	
EXHAUST PIPE (mm)	4,000	-	-	150	150	200	250	300	300	300	-	-
	6,000	80	100	125	150	150	200	200	250	300	300	300
	8,000	60	100	125	150	150	200	200	250	300	300	300
	10,000	-	-	100	125	150	150	200	200	200	250	300
	12,000	-	-	-	-	125	150	150	200	200	200	250
DIMENSION (mm)	W	520	700	700	700	700	850	850	850	900	900	900
	L	700	1300	1300	1300	1300	1500	1500	1500	1800	1800	1800
	H	685	1100	1100	1100	1100	1400	1400	1400	1650	1650	1650
WEIGHT (kg)	100	320	350	450	450	550	600	650	800	850	900	
BLOW OFF V/V (mm)	40	50	50	65	65	125	125	125	125	125	125	
NO FUSE BREAKER (A)	30	50	60	80	100	150	200	250	300	350	400	

***IMPERIAL**

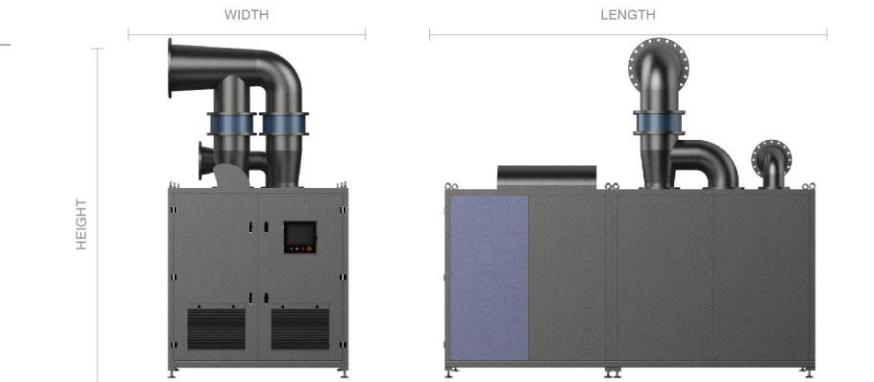
SPECIFICATION	WL10	WL20	WL30	WL40	WL50	WL75	WL100	WL125	WL150	WL200	WL250	
DISCHARGE PRESSURE (psi)		SINGLE TYPE										
		Air Flow (cfm) : 14.696psi, 20°C, 35%RH, Tolerance=±5%										
AIR FLOW RATE (cfm)	4,000	-	-	989	1,306	1,660	2,472	3,531	4,061	4,590	-	-
	6,000	247	494	706	883	1,201	1,801	2,436	2,895	3,708	4,943	5,650
	8,000	177	388	600	777	989	1,483	1,942	2,472	2,966	3,849	4,767
	10,000	-	-	494	636	742	1,201	1,589	1,942	2,295	3,072	3,672
	12,000	-	-	-	-	636	989	1,342	1,660	2,013	2,648	3,284
SHAFT POWER (HP)	10	20	30	40	50	75	100	120	150	200	250	
EXHAUST PIPE (in)	4,000	-	-	6	6	8	10	12	12	12	-	-
	6,000	3	4	5	6	6	8	8	10	12	12	12
	8,000	2 1/2	4	5	6	6	8	8	8	10	12	12
	10,000	-	-	4	5	6	6	8	8	8	10	12
	12,000	-	-	-	-	5	6	6	8	8	8	10
DIMENSION (ft)	W	1.71	2.30	2.30	2.30	2.30	2.79	2.79	2.79	2.95	2.95	2.95
	L	2.30	4.26	4.26	4.26	4.26	4.92	4.92	4.92	5.90	5.90	5.90
	H	2.25	3.61	3.61	3.61	3.61	4.59	4.59	4.59	5.41	5.41	5.41
WEIGHT (lbs)	221	706	772	992	992	1,213	1,323	1,433	1,764	1,874	1,985	
BLOW OFF V/V (in)	1 1/2	2	2	2 1/2	2 1/2	5	5	5	5	5	5	
NO FUSE BREAKER (A)	30	50	60	80	100	150	200	250	300	350	400	

SPECIFICATION

TWIN TYPE / TWIN*2 TYPE

Single Motor
Dual Impeller WL Series

Dual Motor
Dual Impeller WL Series



***METRIC**

SPECIFICATION	WL200	WL300	WL400	WL500	WL600	WL700	WL800	WL1000	
DISCHARGE PRESSURE (mmAq)	TWIN TYPE					TWIN*2 TYPE			
	Air Flow (m³/min) : 1atm, 20°C, 65%RH, Tolerance=±5%					Air Flow (m³/min) : 1atm, 20°C, 65%RH, Tolerance=±5%			
AIR FLOW RATE (m³/min)	4,000 6,000 8,000 10,000 12,000	200 - - - -	266 210 164 133 114	- 272 216 172 150	- 320 270 208 185	- 420 325 265 228	- 475 370 300 264	- 540 430 340 300	- 640 540 416 370
SHAFT POWER (HP)		220	300	400	500	600	700	800	1000
EXHAUST PIPE (mm)	4,000 6,000 8,000 10,000 12,000	400 - - - -	400 400 400 300 300	- 400 400 400 300	- 500 400 400 400	- 500 500 400 400	- 600 500 400 400	- 600 600 500 400	- 700 600 600 500
DIMENSION (mm)	W L H	1200 2200 2000	1200 2200 2000	1600 3000 2000	1600 3000 2000	1900 3500 2000	2200 3500 2100	2200 3500 2100	3200 3500 2100
WEIGHT (kg)		1300	1500	1700	2000	3000	3200	3500	5000
BLOW OFF V/V (mm)		175	175	175	175*2	175*2	175*2	175*2	175*4
NO FUSE BREAKER (A)		400	500	630	800	500*2	630*2	630*2	800*2

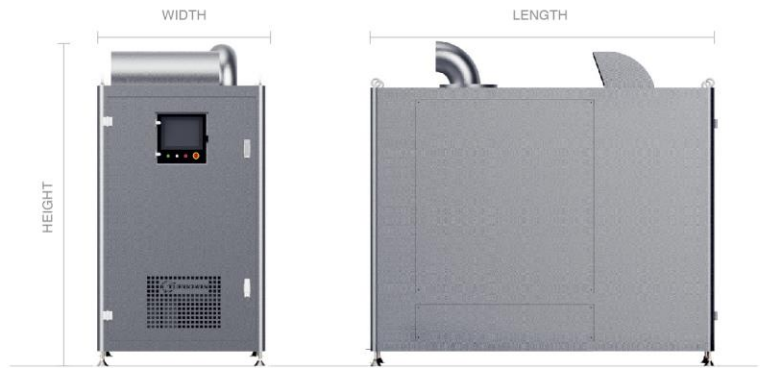
***IMPERIAL**

SPECIFICATION	WL200	WL300	WL400	WL500	WL600	WL700	WL800	WL1000	
DISCHARGE PRESSURE (psi)	TWIN TYPE					TWIN*2 TYPE			
	Air Flow (cfm) : 14.696psi, 20°C, 35%RH, Tolerance=±5%					Air Flow (cfm) : 14.696psi, 20°C, 35%RH, Tolerance=±5%			
AIR FLOW RATE (cfm)	4,000 6,000 8,000 10,000 12,000	7,062 - - - -	9,392 7,415 5,791 4,696 4,025	- 9,604 7,627 6,073 5,297	- 11,299 9,534 7,344 6,532	- 14,830 11,476 9,357 8,051	- 16,772 13,065 10,593 9,322	- 19,067 15,183 12,005 10,593	- 22,598 19,067 14,689 13,065
SHAFT POWER (HP)		220	300	400	500	600	700	800	1000
EXHAUST PIPE (in)	4,000 6,000 8,000 10,000 12,000	16 - - - -	16 16 16 12 12	- 16 16 16 12	- 20 16 16 16	- 20 20 16 16	- 24 20 16 16	- 24 24 20 16	- 28 24 24 20
DIMENSION (ft)	W L H	3.94 7.22 6.56	3.94 7.22 6.56	5.25 9.84 6.56	5.25 9.84 6.56	6.23 11.48 6.56	7.22 11.48 6.89	7.22 11.48 6.89	10.50 11.48 6.89
WEIGHT (lbs)		2,867	3,308	3,749	4,410	6,615	7,056	7,718	11,025
BLOW OFF V/V (in)		7	7	7	7*2	7*2	7*2	7*2	7*4
NO FUSE BREAKER (A)		400	500	630	800	500*2	630*2	630*2	800*2

SPECIFICATION

MATERIALS INFORMATION

CASING	Aluminum Alloy
IMPELLER	A7075-T6
CASING SEAL - AIR	Labyrinth Seal
SHAFT	Titanium Alloy
BEARING TYPE	Hydro Dynamic Air Foil
BEARING LUBRICATION	Air (Zero-Oil)



*METRIC

SPECIFICATION

WH50 WH75 WH100 WH150 WH200 WH300 WH400

		DISCHARGE PRESSURE (kg/cm ²)		2 STAGE Air Flow (m ³ /min) : 1atm, 20°C, 65%RH, density =1.2kg/m ³ , Tolerance=±5%					
AIR FLOW RATE (m ³ /min)	AIR COOLING	1.5	16	24	32	48	65	96	127
		2.0	12	18	25	37	50	75	100
	WATER COOLING	4.0	-	-	18	-	36	55	72
		8.0	-	-	12.5	-	26.5	39	54
SHAFT POWER (HP)			50	75	100	150	200	300	400
EXHAUST PIPE (A)		1.5	100	125	150	150	200	250	250
		2.0	100	100	125	150	150	200	250
		4.0	-	-	100	-	125	150	150
		8.0	-	-	65	-	80	100	125
DIMENSION (mm)	W		750	850	850	1050	1050	1600	2000
	L		1700	1850	1800	2100	2100	2600	2800
	H		1250	1450	1450	1700	1700	2800	2000
WEIGHT (kg)			600	750	900	1100	1200	1800	2500
SOL V/V			65	65	65	125	125	125	125
NO FUSE BREAKER			100	150	200	300	350	500	630

*IMPERIAL

SPECIFICATION

WH50 WH75 WH100 WH150 WH200 WH300 WH400

		DISCHARGE PRESSURE (psi)		2 STAGE Air Flow (cfm) : 14.696psi, 20°C, 35%RH, Tolerance=±5%					
AIR FLOW RATE (cfm)	AIR COOLING	21.8	565	847	1,130	1,695	2,295	3,390	4,484
		29.0	424	636	883	1,306	1,766	2,648	3,531
	WATER COOLING	58.0	-	-	636	-	1,271	1,942	2,542
		116.0	-	-	441	-	936	1,377	1,907
SHAFT POWER (HP)			50	75	100	150	200	300	400
EXHAUST PIPE (in)		21.8	4	5	6	6	8	10	10
		29.0	4	4	5	6	6	8	10
		58.0	-	-	4	-	5	5	6
		116.0	-	-	2 1/2	-	3	4	5
DIMENSION (ft)	W		2.46	2.79	2.79	3.44	3.44	5.25	6.56
	L		5.58	6.07	5.90	6.89	6.89	8.53	9.18
	H		4.10	4.76	4.76	5.58	5.58	9.18	6.56
WEIGHT (lbs)			1,323	1,654	1,985	2,426	2,646	3,969	5,513
SOL V/V (in)			2 1/2	2 1/2	2 1/2	5	5	5	5
NO FUSE BREAKER			100	150	200	300	350	500	630