

Vortex type high pressure Series Gust Blower

U2G Series

domestically and
internationally.

Compatible with high-efficiency
regulations both



Discharge characteristic
maximum static pressure **24** kPa

Clears the world's high-efficiency regulations

Suitable for a wide range of applications, useful in all situations!

High-efficiency regulations/overseas safety standards

Japan	China	USA	Europe/UK
Top Runner Standard (IE3)  JISC4034-30 (IE3 efficiency standard)	High efficiency regulation GB3 class & CCC  GB18613-2020 GB3 (IE3) (3.7kW is not subject to CCC)	UL Standard & NEMA Premium (208-230 460V60Hz)  UL1004-1&NEMA Premium (IE3) CC,NO,CC302B	CE marking UKCA marking  RoHS2 Directive

We added products that comply with overseas regulations to our Gust Blower lineup!



U2G Specification Table

Compatible certification	Model	Phase	Output	Frequency	Voltage	Suction characteristics	Discharge characteristics	Suction characteristics	Discharge characteristics	Noise level 1.5m	Starting current	Weight		
						Current (reference)	Current	Maximum air volume	Maximum static pressure				Maximum air volume	Maximum static pressure
			kW	Hz	V	A	A	m³/min	kPa	m³/min	kPa	dB(A)	A	kg
UK UKCA European CE (as a product)	U2G-70T	3	0.75	50	200	2.5	2.6	2.4	9.8	2.4	10.8	61	25.5	22.5
				60	200 / 220 / 230	3.3 / 3.2 / 3.2	3.6 / 3.4 / 3.3	2.8	12.8	2.8	14.9	64.5	23.0 / 25.5 / 26.5	
	U2G-150	3	1.5	50	200	5.1	5.9	3.5	12.8	3.5	15	65.5	63.0	33
				60	200 / 220 / 230	6.8 / 6.7 / 6.7	7.9 / 7.4 / 7.4	4.2	16.4	4.2	18.3	68.5	56.0 / 62.0 / 65.0	
	U2G-370A	3	3.7	50	200	9.0	10.0	4.6	15.8	4.6	18	67.5	155.0	48
				60	200 / 220 / 230	10.5 / 10.5 / 11.0	13.0 / 12.3 / 12.0	5.5	20.3	5.5	24	70	132.0 / 145.0 / 152	
	U2G-370B	3	3.7	50	200	11.2	12.3	7.3	18.2	7.3	20.5	68.5	155.0	55
				60	200 / 220 / 230	14.0 / 13.5 / 13.2	16.3 / 15.3 / 15.0	8.7	21.8	8.7	24.2	72.5	132.0 / 145.0 / 152.0	
	U2G-70T(400V)	3	0.75	50	380 / 400	1.3 / 1.3	1.3 / 1.3	2.4	9.8	2.4	10.8	61	12.1 / 12.8	22.5
				60	400 / 440 / 460	1.7 / 1.6 / 1.6	1.8 / 1.7 / 1.7	2.8	12.8	2.8	14.9	64.5	11.5 / 12.7 / 13.3	
	U2G-150(400V)	3	1.5	50	380 / 400	2.6 / 2.6	2.9 / 3.0	3.5	12.8	3.5	15	65.5	30.0 / 31.5	33
				60	400 / 440 / 460	3.4 / 3.3 / 3.3	4.0 / 3.7 / 3.7	4.2	16.4	4.2	18.3	68.5	28.0 / 31.0 / 32.5	
U2G-370A(400V)	3	3.7	50	380 / 400	4.2 / 4.5	4.9 / 5.0	4.6	15.8	4.6	18	67.5	73.5 / 77.5	48	
			60	400 / 440 / 460	5.4 / 5.4 / 5.5	6.5 / 6.2 / 6.0	5.5	20.3	5.5	24	70	66.0 / 72.5 / 76.0		
U2G-370B(400V)	3	3.7	50	380 / 400	5.6 / 5.6	6.2 / 6.2	7.3	18.2	7.3	20.5	68.5	73.5 / 77.5	55	
			60	400 / 440 / 460	7.0 / 6.6 / 6.6	8.2 / 7.7 / 7.5	8.7	21.8	8.7	24.2	72.5	66.0 / 72.5 / 76.0		
China CCC/GB (Motor part only) (3.7kW is not covered by CCC)	U2G-70TC	3	0.75	50	200	2.5	2.6	2.4	9.8	2.4	10.8	61	25.5	22.5
	U2G-150C	3	1.5			5.1	5.9	3.5	12.8	3.5	15	65.5	63.0	33
	U2G-370AC	3	3.7			9.0	10.0	4.6	15.8	4.6	18	67.5	155.0	48
	U2G-370BC	3	3.7			11.2	12.3	7.3	18.2	7.3	20.5	68.5	155.0	55
	U2G-70TC(380V)	3	0.75	50	380	1.3	1.3	2.4	9.8	2.4	10.8	61	12.1	22.5
	U2G-150C(380V)	3	1.5			2.6	2.9	3.5	12.8	3.5	15	65.5	30.0	33
	U2G-370AC(380V)	3	3.7			4.2	4.9	4.6	15.8	4.6	18	67.5	73.5	48
	U2G-370BC(380V)	3	3.7			5.6	6.2	7.3	18.2	7.3	20.5	68.5	73.5	55
USA UL NEMA PREMIUM (Motor section only)	U2G-70TU	3	0.75	60	208 / 230 / 460	3.1 / 2.9 / 1.5	3.4 / 3.2 / 1.6	2.8	12.8	2.8	14.9	64.5	22.5 / 25.0 / 12.5	22.5
	U2G-150U	3	1.5		208 / 230 / 460	6.0 / 5.7 / 2.9	6.9 / 6.4 / 3.2	4.2	16.4	4.2	18.3	68.5	51.0 / 57.0 / 28.5	33
	U2G-370AU	3	3.7		208 / 230 / 460	10.0 / 10.0 / 4.9	11.5 / 11.0 / 5.6	5.5	20.3	5.5	24	70	130.0 / 150.0 / 75.0	48
	U2G-370BU	3	3.7		208 / 230 / 460	14.0 / 13.5 / 6.3	16.0 / 15.0 / 7.5	8.7	21.8	8.7	24.2 ^{*1}	72.5	130.0 / 150.0 / 75.0	55

*Contact us to inquire about the availability of different voltages and special specifications other than those listed.

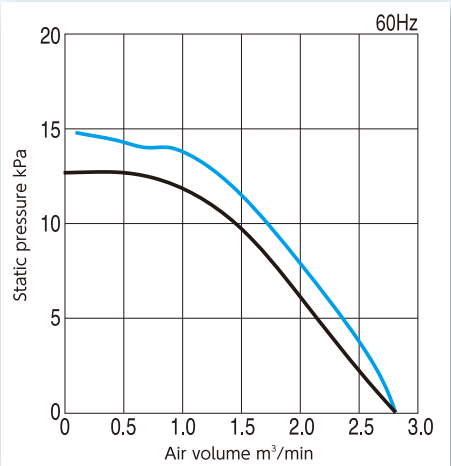
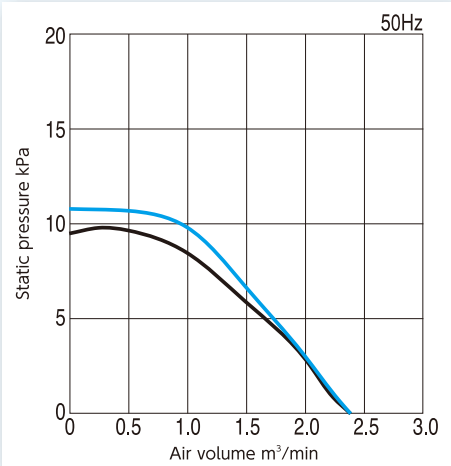
*1:U2G-370BU (208V60Hz) Discharge performance maximum static pressure 22.5kPa

Performance Curve

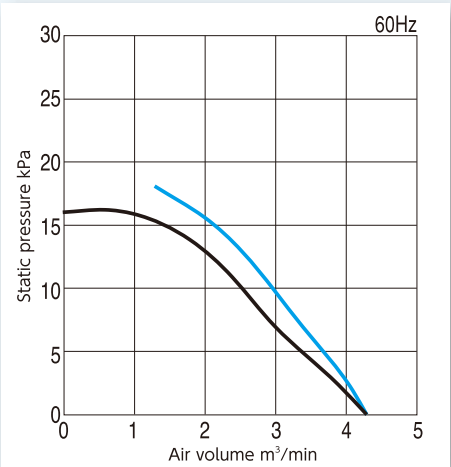
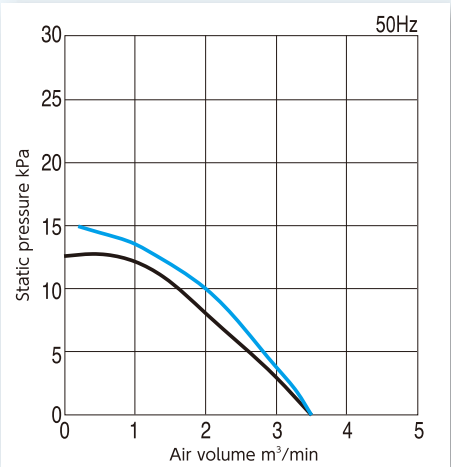
Discharge performance

Intake performance

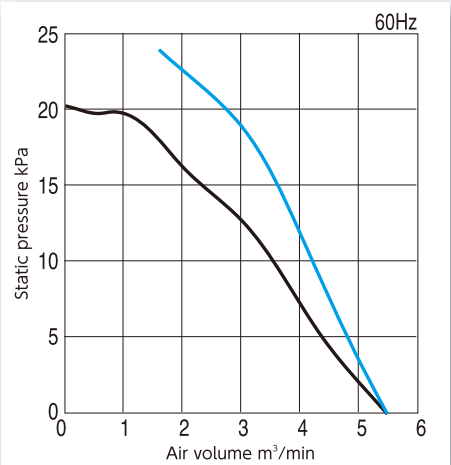
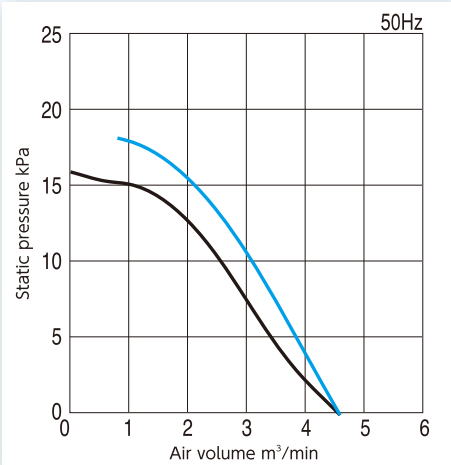
U2G-70T
U2G-70TC (50Hz)
U2G-70TU (60Hz)



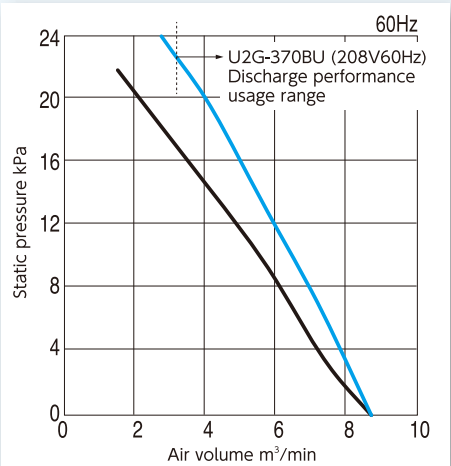
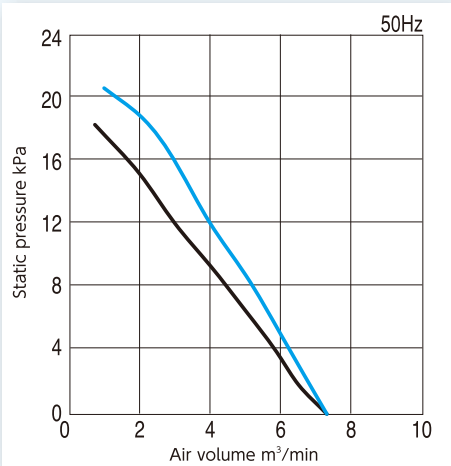
U2G-150
U2G-150C (50Hz)
U2G-150U (60Hz)



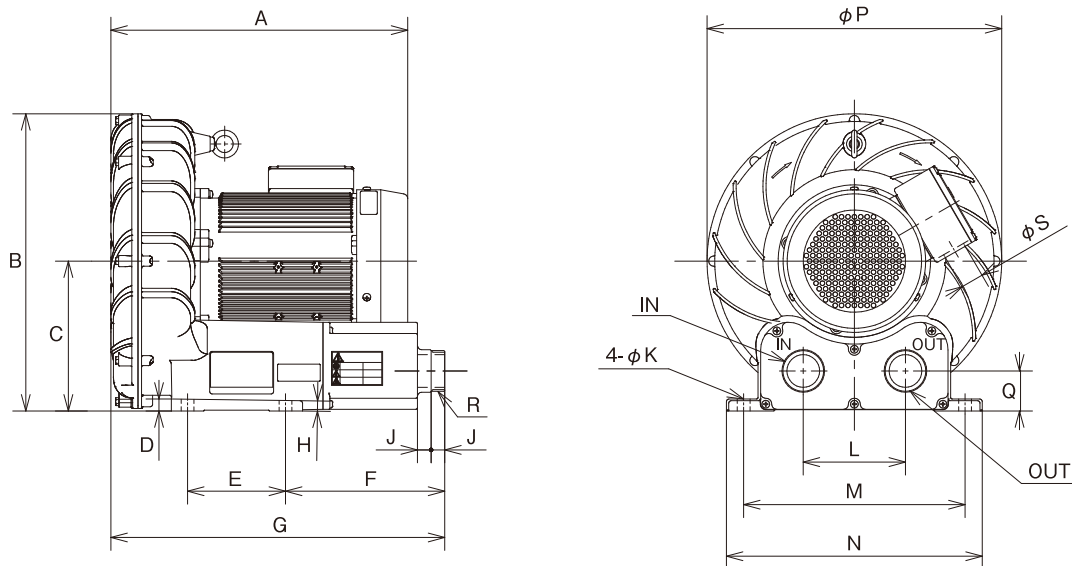
U2G-370A
U2G-370AC (50Hz)
U2G-370AU (60Hz)



U2G-370B
U2G-370BC (50Hz)
U2G-370BU (60Hz)



External Dimension Drawing



U2G Series External Dimension Drawing

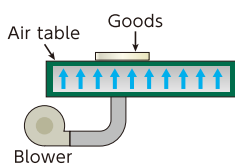
Unit:mm

Model	A	B	C	D	E	F	G	H	J
U2G-70T / U2G-70TC / U2G-70TU	307	305	156	14	95	159	333	12	16
U2G-150 / U2G-150C / U2G-150U	349	349	176	14	115	187	392	12	16
U2G-370A / U2G-370AC / U2G-370AU	403	384	193	18	140	202	440	15	18
U2G-370B / U2G-370BC / U2G-370BU	409	443	234	15	140	146	463	15	0

Model	K	L	M	N	P	Q	R	S
U2G-70T / U2G-70TC / U2G-70TU	12	110	225	260	298	44	R1·1/2	22
U2G-150 / U2G-150C / U2G-150U	15	120	260	300	346	47	R1·1/2	27
U2G-370A / U2G-370AC / U2G-370AU	15	125	290	331	382	52	R2	27
U2G-370B / U2G-370BC / U2G-370BU	15	125	300	335	418	64	Rp2	27

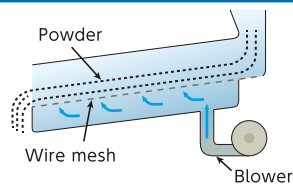
Application Example

Air table



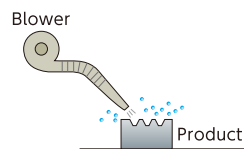
The air pumps through small holes, making heavy goods move with ease.

Air layer conveyor



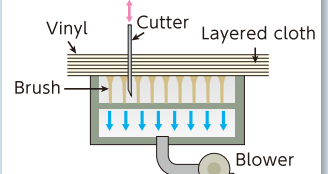
Air is sent from the bottom to float and move the powder.

Washing machine (Blowing off water droplets)



Blow away the water droplets on the product.

Automatic cutting machine (Fabric fixation)



Suction and fix the stacked cloth and cut it with a cutter.

■ Sales Agent

■ Manufacturer : KAWAMOTO GEC

■ Sales & Support : **SDG Co., Ltd.**

Office Location



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Contact us