

## G63-200 TYPE-B FORCED COOLING

Sheet 1 (Description, Construction and Maintenance/Installation)

Sheet 2 (Schematics, Operating Limits & Warranty)

Sheet 3 (Specification Tables)

SCAN FOR WEBSITE & ORDERING



### DESCRIPTION

The O-TECH G-Series Forced Cooling is fitted with an internally mounted axial flow fan that is efficient, compact, operates at low noise levels and is easily installed.



### CONSTRUCTION

The fan cowl construction is robust and painted and can be easily extended if required. The fan cowl inlet is constructed from 8mm by 8mm mesh allowing sufficient of air flow while not compromising safety. The connection terminals are easily accessible and well sealed.

### MAINTENANCE & INSTALLATION NOTES

- The Forced Cooling Unit is to be operated with its own power supply according to the rating plate specifications.
- Regularly ensure the interior of the fan and the air inlet mesh is clean and clear of any excess dirt that could affect efficient operation.
- Ensure the connection terminals are secure and that the terminal box is sealed.

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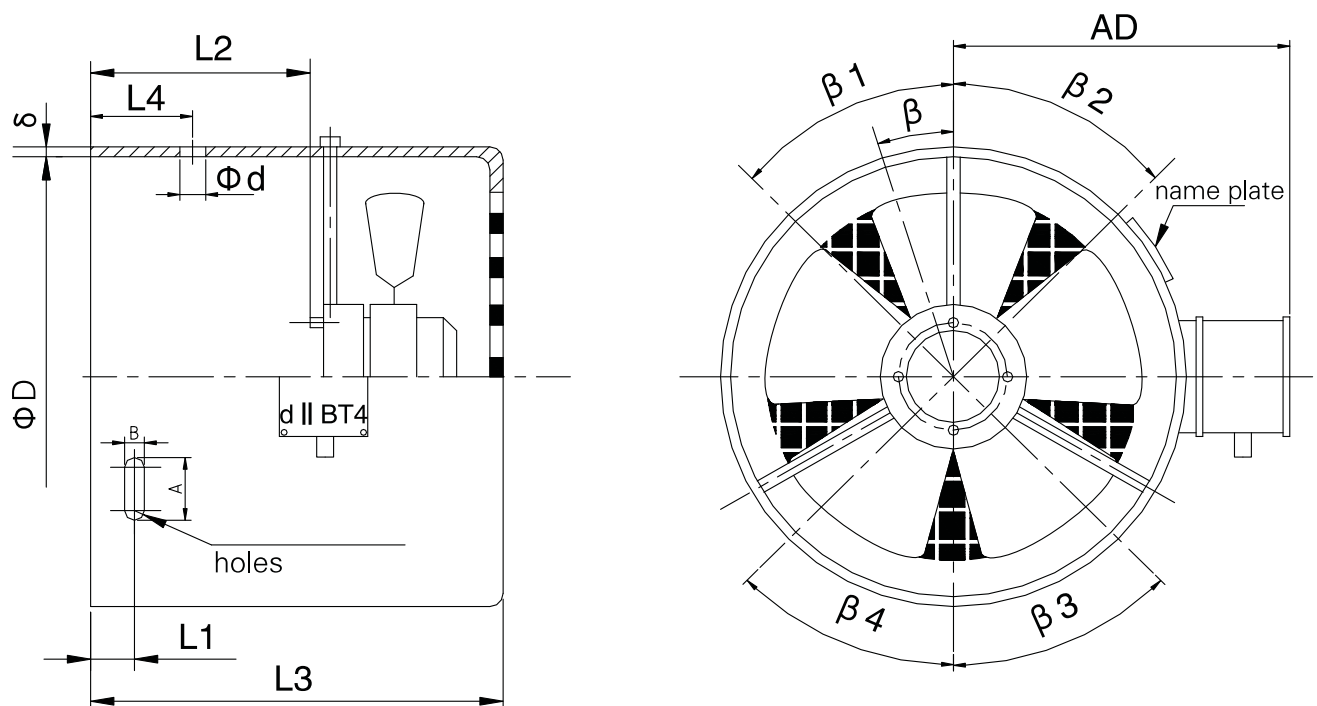
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### SCHEMATICS



### OPERATING LIMITS

Permissible Voltage Variance: 5% of Rated Voltage

Rated Frequency: 50Hz

Max altitude: 1000M

Ambient temperature: -15 deg C ~ +40 deg C

Duty type: S1 continuous duty

Protection Class IP54

Voltages available are 220VAC single phase, 380 VAC 3 phase and 525 VAC 3 phase.

### WARRANTY

Should the unit fail within 1 year of operation an independent assessment will be performed establishing if the product was installed correctly and used within its operating limits.

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### SPECIFICATION TABLES

Model	Voltage	Frequency	Power	Current	Speed	Air Volume	Air Pressure	Sound Level dB	Capacitance
G-63	1~220	50	17	0,12	2800	45	40	62	2
G-71	1~220	50	50	0,26	2900	52	50	62	2
G-80	1~220	50	50	0,26	2800	58	60	62	2
G-90	1~220	50	60	0,26	2750	91	80	65	3
G-100	1~220	50	55	0,3	2700	142	80	67	2
G-112	1~220	50	65	0,37	2400	229	80	67	2
G-132	1~220	50	65	0,35	1400	337	35	69	3
G-160	1~220	50	70	0,4	1400	609	40	72	4
G-180	1~220	50	80	0,4	1200	686	55	72	4
G-200	1~220	50	85	0,4	1200	1679	65	72	4

Model	Voltage	Frequency	Power	Current	Speed	Air Volume	Air Pressure	Sound Level dB	Fan Diameter
G-63B3	380	50	20	0,075	2800	45	40	62	113
G-71B3	380	50	55	0,18	2900	52	50	62	125
G-80B3	380	50	55	0,16	2850	58	60	62	145
G-90B3	380	50	55	0,15	2650	91	80	65	165
G-100B3	380	50	62	0,165	2750	142	80	67	183
G-112B3	380	50	75	0,16	2650	229	80	67	207
G-132B3	380	50	45	0,18	1430	337	35	69	246
G-160B3	380	50	60	0,2	1400	609	40	72	295
G-180B3	380	50	75	0,2	1350	686	55	72	334
G-200B3	380	50	105	0,23	1200	1679	65	72	374

Model	Voltage	Frequency	Power	Current	Speed	Air Volume	Air Pressure	Sound Level dB	Fan Diameter
G-63	525	50	35	0,07	2900	45	40	62	113
G-71	525	50	60	0,12	2900	52	50	62	125
G-80	525	50	60	0,12	2800	58	60	62	145
G-90	525	50	60	0,12	2700	91	80	65	165
G-100	525	50	110	0,22	2800	142	80	67	183
G-112	525	50	120	0,22	2700	229	80	67	207
G-132	525	50	55	0,15	1400	337	35	69	246
G-160	525	50	80	0,19	1400	609	40	72	295
G-180	525	50	90	0,2	1350	686	55	72	334
G-200	525	50	110	0,2	1300	1679	65	72	374

Model	Cowl Inner Ø	L1	L2	X	L3	Material Gauge	A	B	n	C
G-63B3	121	10 ± 1	48	7	138	1,2	12	6	3	115
G-71B3	138	10 ± 1	60	15	150	1,2	12	6	3	120
G-80B3	154	10 ± 1	85	15	175	1,2	12	6	3	130
G-90B3	173	10 ± 1	96	15	188	1,2	12	6	3	140
G-100B3	195	10 ± 1	96	10	196	1,2	14	7	3	151
G-112B3	219	10 ± 1	100	10	200	1,2	14	7	3	163
G-132B3	256	15 ± 1	110	10	217	1,2	14	7	3	182
G-160B3	311	15 ± 1	149	10	277	1,5	14	7	4	210
G-180B3	352	15 ± 1	190	10	312	1,5	14	7	4	231
G-200B3	393	15 ± 1	190	10	314	1,5	17	9	4	252