

G63-200 TYPE-E 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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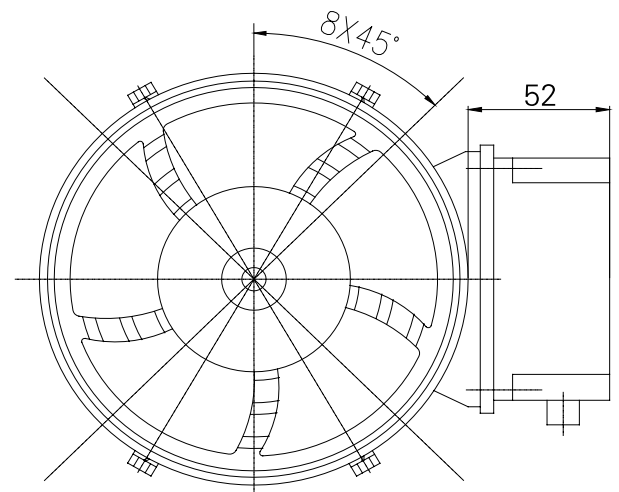
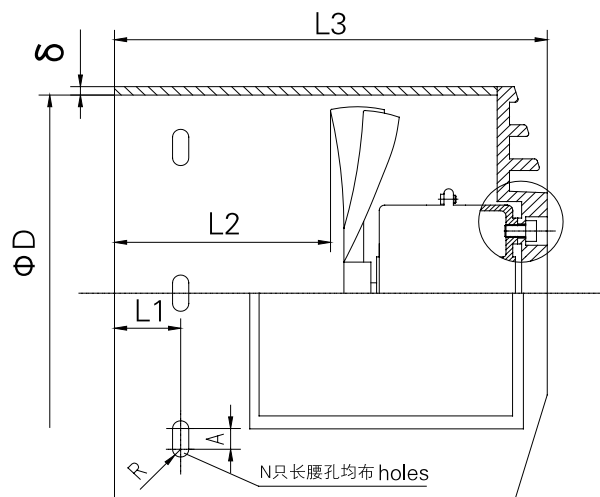
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SCHEMATICS



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

This is multi voltage unit that can operate at 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.

G63-160 TYPE-E FORCED COOLING

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FORCED COOLING FAN PARAMETER TABLE

Model	Voltage		Current	Power	Speed	Air Flow m³/h	Air Pressure	Sound Level dB	
G-63E	3.0/μF	1~±Δ	230-277	0.26	53	2930	60	30	60
	3~△		200-290	0.29	54	2930	60	30	60
	3~Y		346-500	0.17	54	2930	60	30	60
G-71E	3.0/μF	1~±Δ	230-277	0.26	53	2930	140	60	63
	3~△		200-290	0.30	60	2930	140	60	63
	3~Y		346-500	0.18	60	2930	140	60	63
G-80E	3.0/μF	1~±Δ	230-277	0.26	55	2920	235	75	67
	3~△		200-290	0.30	60	2910	235	75	67
	3~Y		346-500	0.18	60	2910	235	75	67
G-90E	3.0/μF	1~±Δ	230-277	0.26	56	2900	390	105	70
	3~△		200-290	0.30	60	2900	390	105	70
	3~Y		346-500	0.18	60	2900	390	105	70
G-100E	3.0/μF	1~±Δ	230-277	0.26	58	2900	430	110	72
	3~△		200-290	0.30	65	2900	430	110	72
	3~Y		346-500	0.18	65	2900	430	110	72
G-112E	3.0/μF	1~±Δ	230-277	0.26	60	2890	580	120	74
	3~△		200-290	0.31	70	2890	580	120	74
	3~Y		346-500	0.19	70	2890	580	120	74
G-132E	5.0/μF	1~±Δ	230-277	0.42	76	1460	610	130	67
	3~△		200-290	0.51	73	1460	610	130	67
	3~Y		346-500	0.29	73	1460	610	130	67
G-160E	5.0/μF	1~±Δ	230-277	0.49	78	1460	760	140	70
	3~△		200-290	0.51	74	1460	760	140	70
	3~Y		346-500	0.29	74	1460	760	140	70
G-180E	5.0/μF	1~±Δ	230-277	0.49	78	1460	760	140	70
	3~△		200-290	0.51	74	1460	760	140	70
	3~Y		346-500	0.29	74	1460	760	140	70
G-200E	5.0/μF	1~±Δ	230-277	0.49	78	1460	760	140	70
	3~△		200-290	0.51	74	1460	760	140	70
	3~Y		346-500	0.29	74	1460	760	140	70