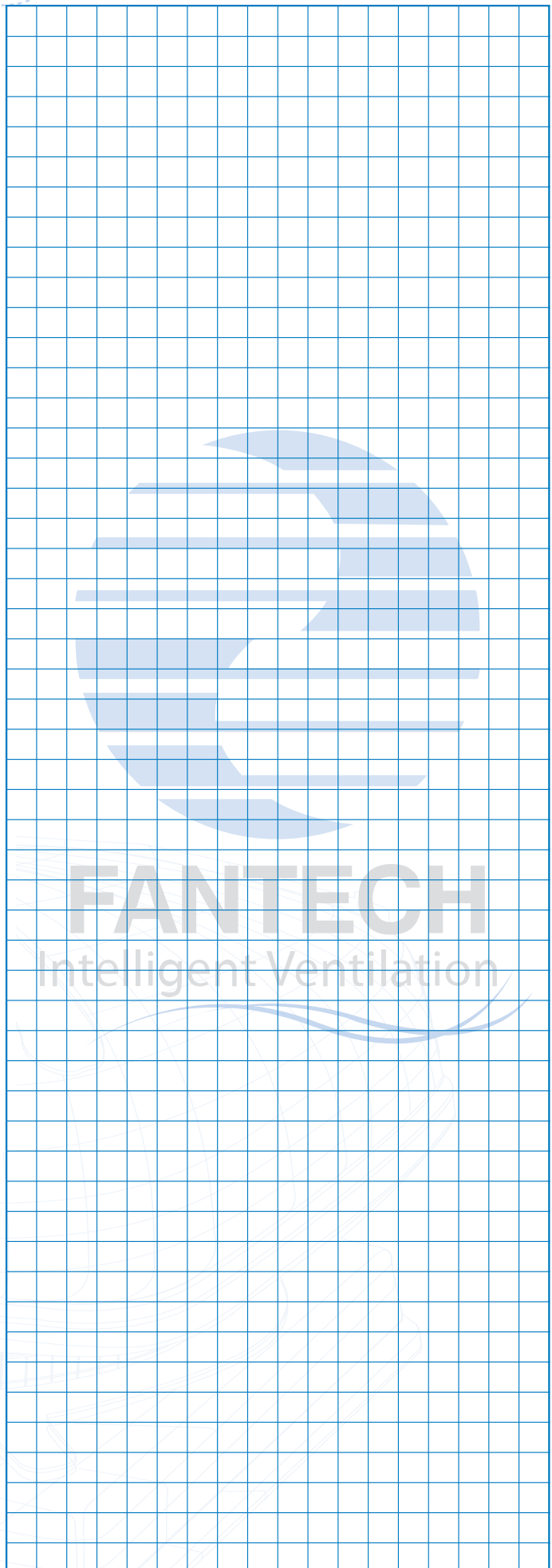
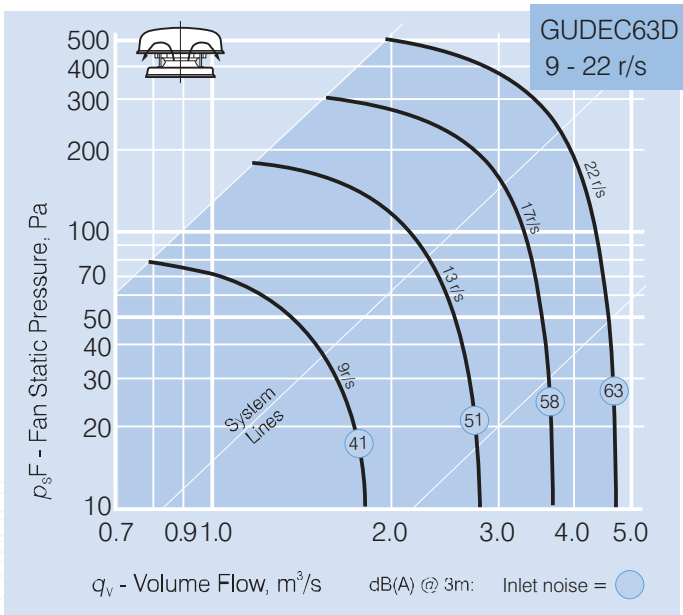
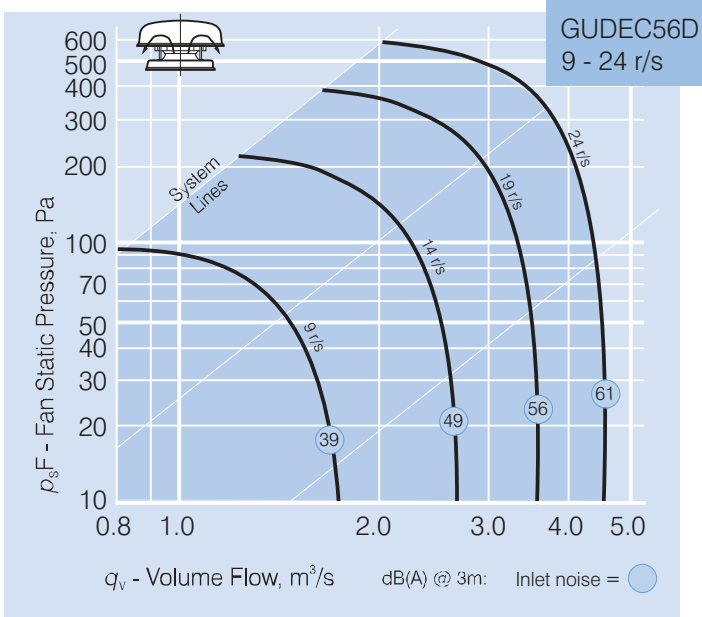


GAMMA ULTRA EC SERIES

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TECHNICAL DATA

SUGGESTED SPECIFICATION

Vertical Exhaust Series

The roof ventilators shall be of the Gamma Ultra EC Series vertical exhaust type as designed and manufactured by Fantech Pty Ltd and be of the model numbers shown on the schedule/drawings.

Impellers shall be made from high performance injection moulded composite material. They shall be Mixed-Flow design and driven by EC external rotor motors with integrated EC Controller and integral thermal overload protection. Diameter sizes from 400mm and above shall be pre-configured to suit the selected sensors and the required applications.

The windband shall be of the vertical exhaust design and manufactured from UV-stabilised plastic. Steel components shall be corrosion protected.

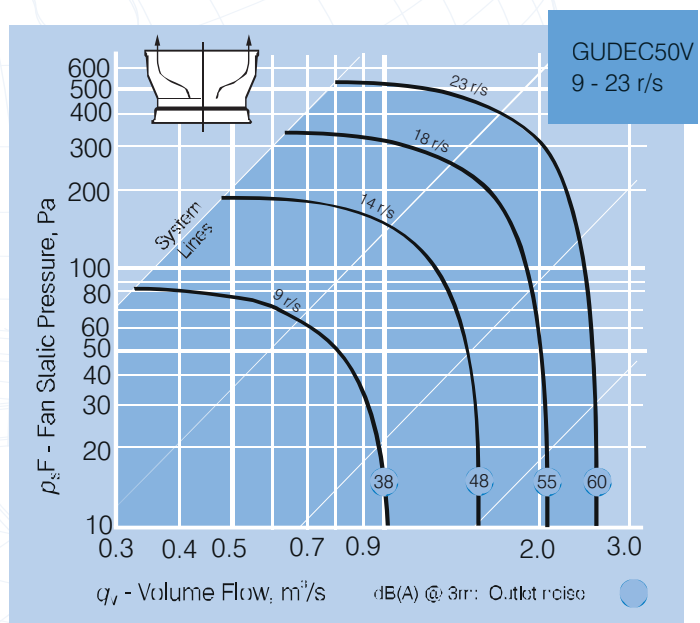
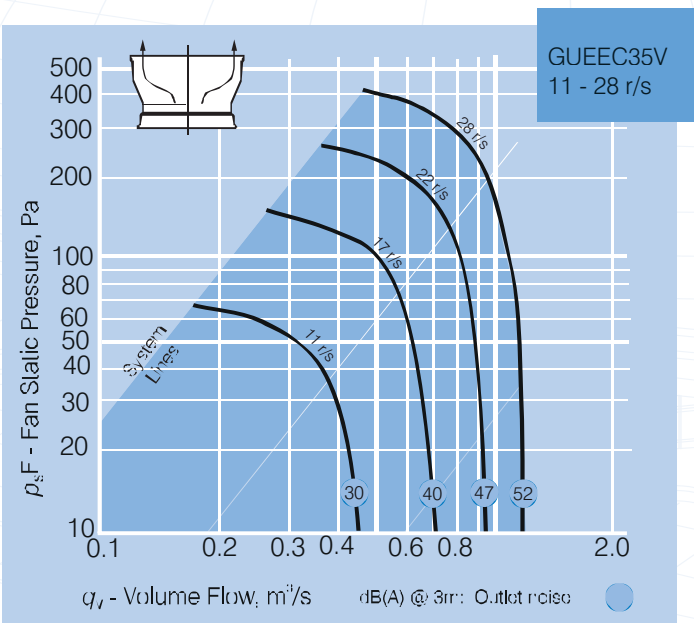
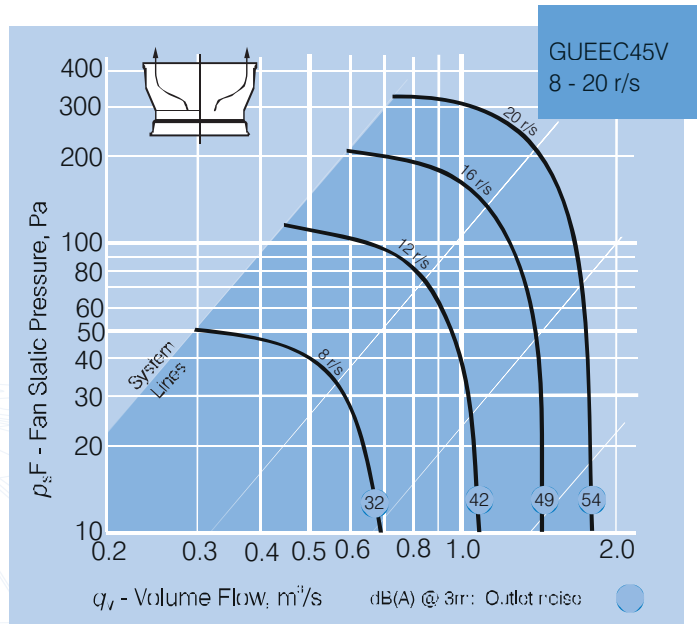
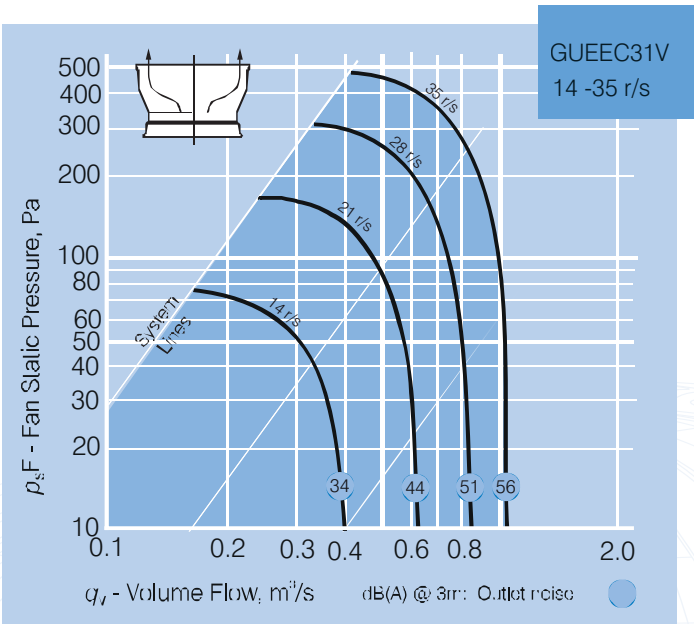
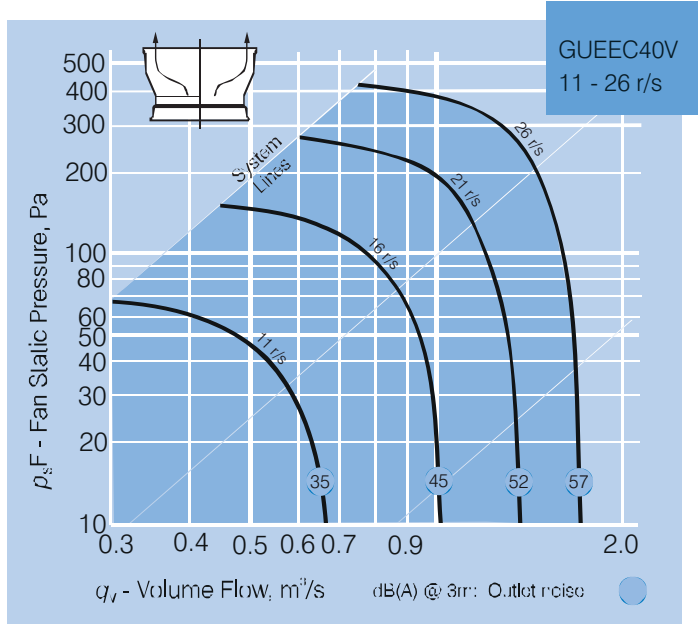
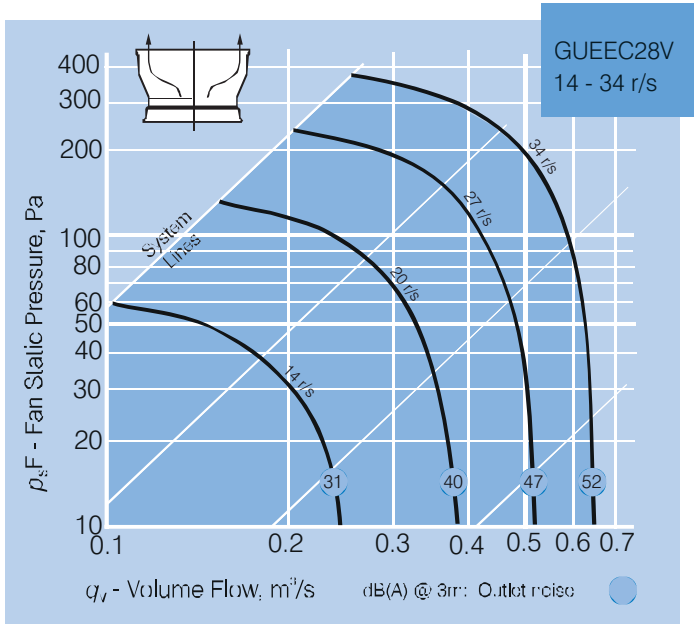
All performance data shall be for a complete assembled unit based on ISO5801 for air flow and ISO 13347-3 for noise.

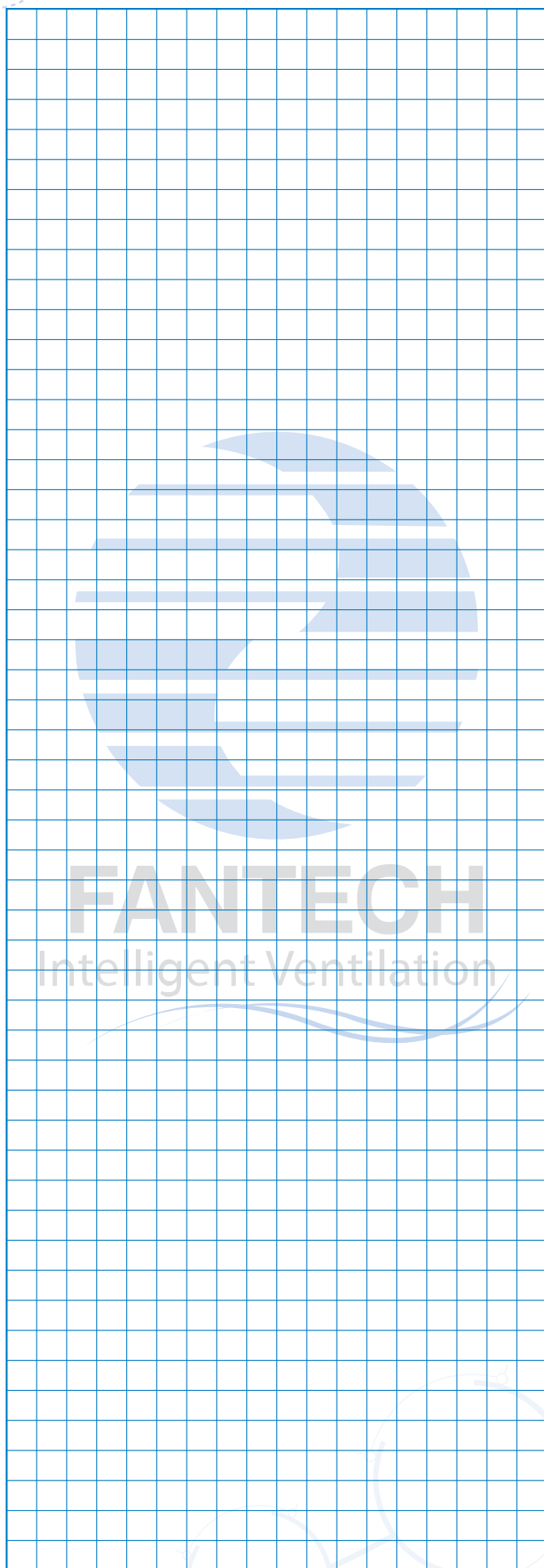
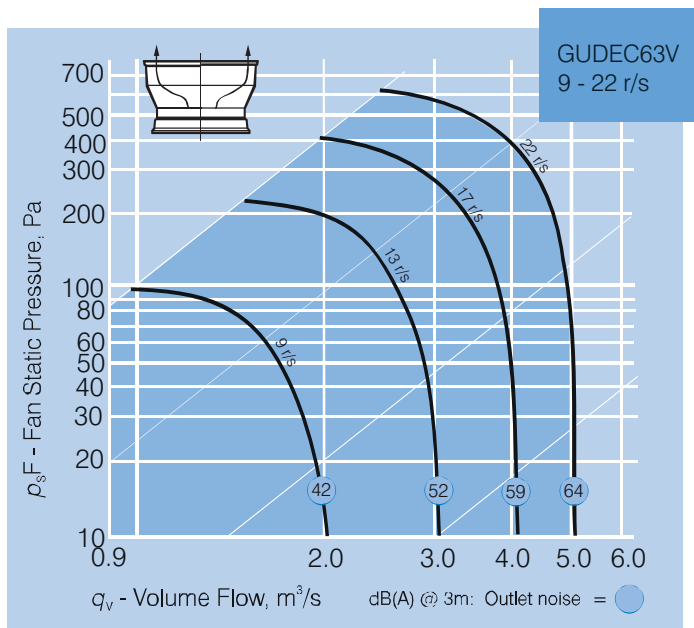
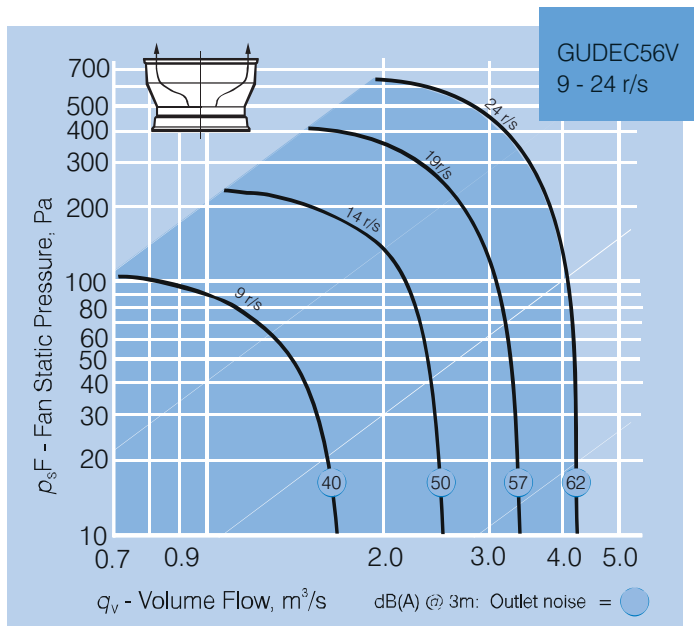
Model GUDEC...V GUEEC...V	Percentage of full speed (%)	*Max. Fan Speed r/s	Max. operating temp (deg C)	Air flow @ 0Pa m ³ /s	Avg. dB(A) @ 3m	GUEEC.. 1ph. kW Amps	GUDEC.. 3ph kW Amps
28	100	34		0.65	52	0.29 1.26	- -
	80	27		0.52	47	0.15 0.68	- -
	60	20	60	0.40	40	0.07 0.33	- -
	40	14		0.26	31	0.03 0.19	- -
	20	7		0.13	13	0.01 0.14	- -
31	100	35		1.05	56	0.55 2.42	- -
	80	28		0.83	51	0.28 1.27	- -
	60	21	55	0.62	44	0.13 0.60	- -
	40	14		0.41	34	0.04 0.25	- -
	20	7		0.20	18	0.01 0.14	- -
35	100	28		1.19	52	0.50 2.19	- -
	80	22		0.94	47	0.26 1.15	- -
	60	17	55	0.70	40	0.11 0.54	- -
	40	11		0.47	30	0.04 0.23	- -
	20	6		0.25	14	0.01 0.13	- -
40	100	26		1.75	57	0.84 3.68	- -
	80	21		1.40	52	0.43 1.96	- -
	60	16	55	1.03	45	0.19 0.91	- -
	40	11		0.70	35	0.06 0.53	- -
	20	5		0.35	19	0.02 0.33	- -
45	100	20		1.85	54	0.65 2.84	- -
	80	16		1.48	49	0.34 1.51	- -
	60	12	60	1.10	42	0.15 0.69	- -
	40	8		0.74	32	0.06 0.50	- -
	20	4		0.35	15	0.01 0.29	- -
50	100	23		2.60	60	- -	1.40 2.21
	80	18		2.10	55	- -	0.72 1.11
	60	14	40	1.55	48	- -	0.32 0.71
	40	9		1.00	38	- -	0.10 0.49
	20	5		0.50	21	- -	0.03 0.29
56	100	24		4.25	62	- -	2.65 4.05
	80	19		3.40	57	- -	1.38 2.18
	60	14	60	2.50	50	- -	0.60 1.10
	40	9		1.75	40	- -	0.19 0.51
	20	5		0.75	23	- -	0.05 0.24
63	100	22		5.20	64	- -	3.52 5.36
	80	17		4.15	59	- -	1.84 2.86
	60	13	40	3.10	52	- -	0.80 1.35
	40	9		2.00	42	- -	0.27 0.62
	20	4		0.95	26	- -	0.07 0.27

* The fan will maintain the set speed whether run on 50 or 60Hz supply.

GAMMA ULTRA EC SERIES

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