DUNNAIR (Aust) Pty Ltd

Fan Coil Unit
Ceiling Concealed
FCU100

Model Number Configuration

FCU100-AWS-2	:	2 Row: Standard 12Watt Motor: Ceiling Concealed Model
FCU100-AWS-3	:	3 Row: Standard 12Watt Motor: Ceiling Concealed Model
FCU100-AWM-2	:	2 Row: Medium 30Watt Motor: Ceiling Concealed Model
FCU100-AWM-3	:	3 Row: Medium 30Watt Motor: Ceiling Concealed Model
FCU100-AW-HD-2	:	2 Row: High 50Watt Motor: Ceiling Concealed Model
FCU100-AW-HD-3	:	3 Row: High 50Watt Motor: Ceiling Concealed Model

PERFORMANCE DATA

RETURN AIR

Model	Row	Air Flow			Rated Cooling Capacity	Rated heating Capacity	Water Flow	Water Resistance	Noise			Input Power			Weight		
		L/S							dB (A)			(W)			(kg)		
		H	M	L	kW	kW	L/S	kPa	12[1]	30[2]	50[3]	12[1]	30[2]	50[3]	12[1]	30[2]	50[3]
FCU100-2	2	472.2	351.4	266.7	8.75	12.97	0.42	24	46	48	52	150	171	210	29	29.5	32
FCU100-3	3	472.2	351.4	266.7	9.20	15.10	0.44	24	46	48	52	150	171	210	31	31.5	34

Notes for Return Air :

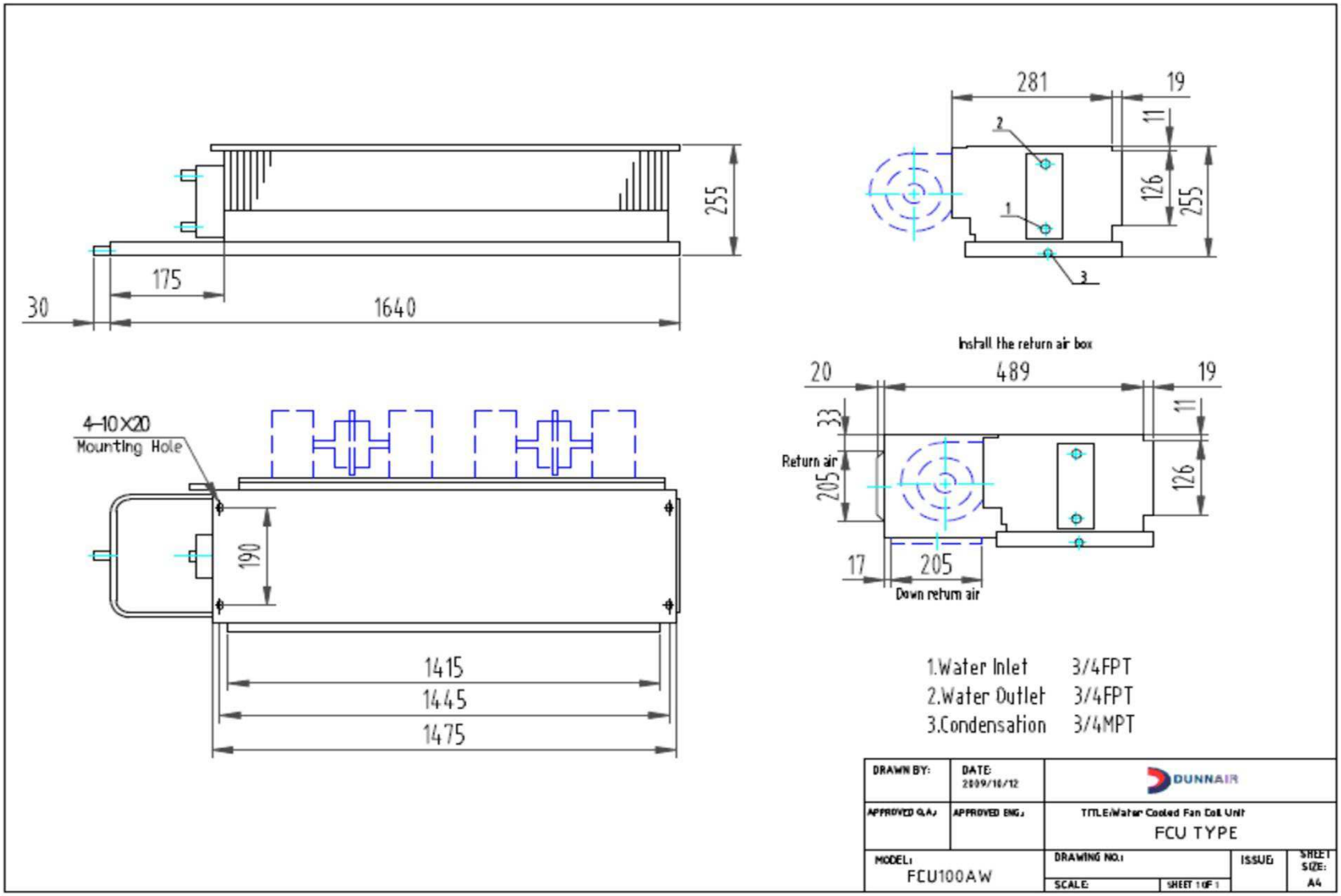
1. Cooling: Air on temp. DB/WB 27℃/19.5℃， Water in/out temp.7℃/12℃。
2. Heating: Air on temp. 21℃ DB . Water in temp. 60℃.

SPECIFICATION

- **Forward curved centrifugal fan**
- **Single phase motor & direct drive**
- **Coils: Copper tube & Aluminum fins**
- **Galvanised sheet casing**
- **A3 steel sheet painting drip-tray**
- **Capacitance type motor**

[1] Standard Watt Motor (Pa)
[2] Medium Watt Motor (Pa)
[3] High Watt Motor (Pa)

Ceiling Concealed FCU100



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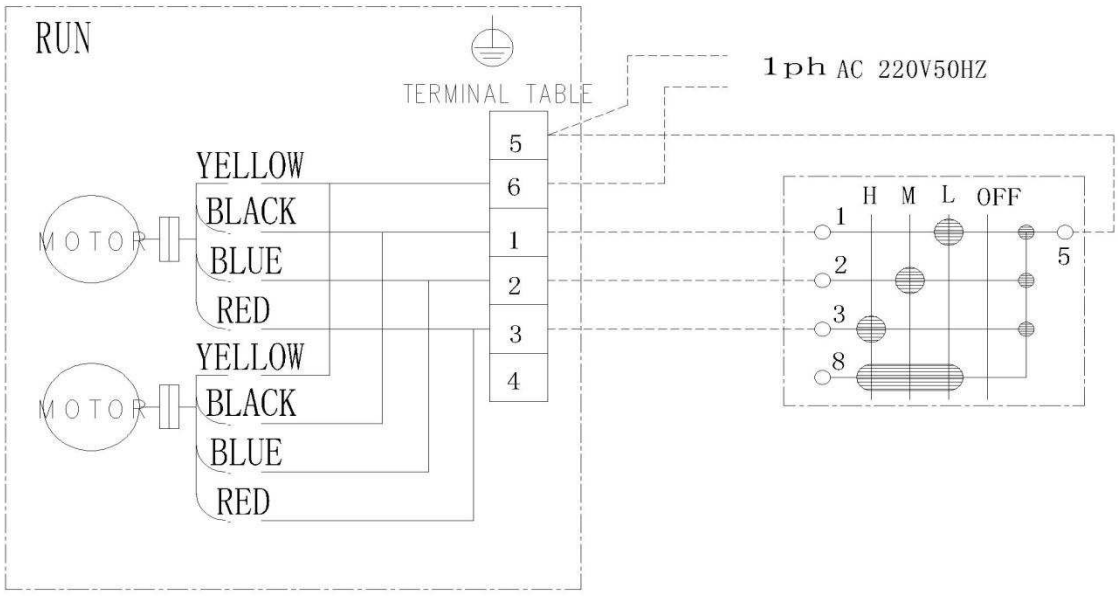
WIRING DIAGRAM



NOTE)

1. Regarding the wiring of the remote controller and terminal, please connect the wiring accroding to the instrutions of the broken line when using the polyvinyl chloride with 660v above 1.6mm level

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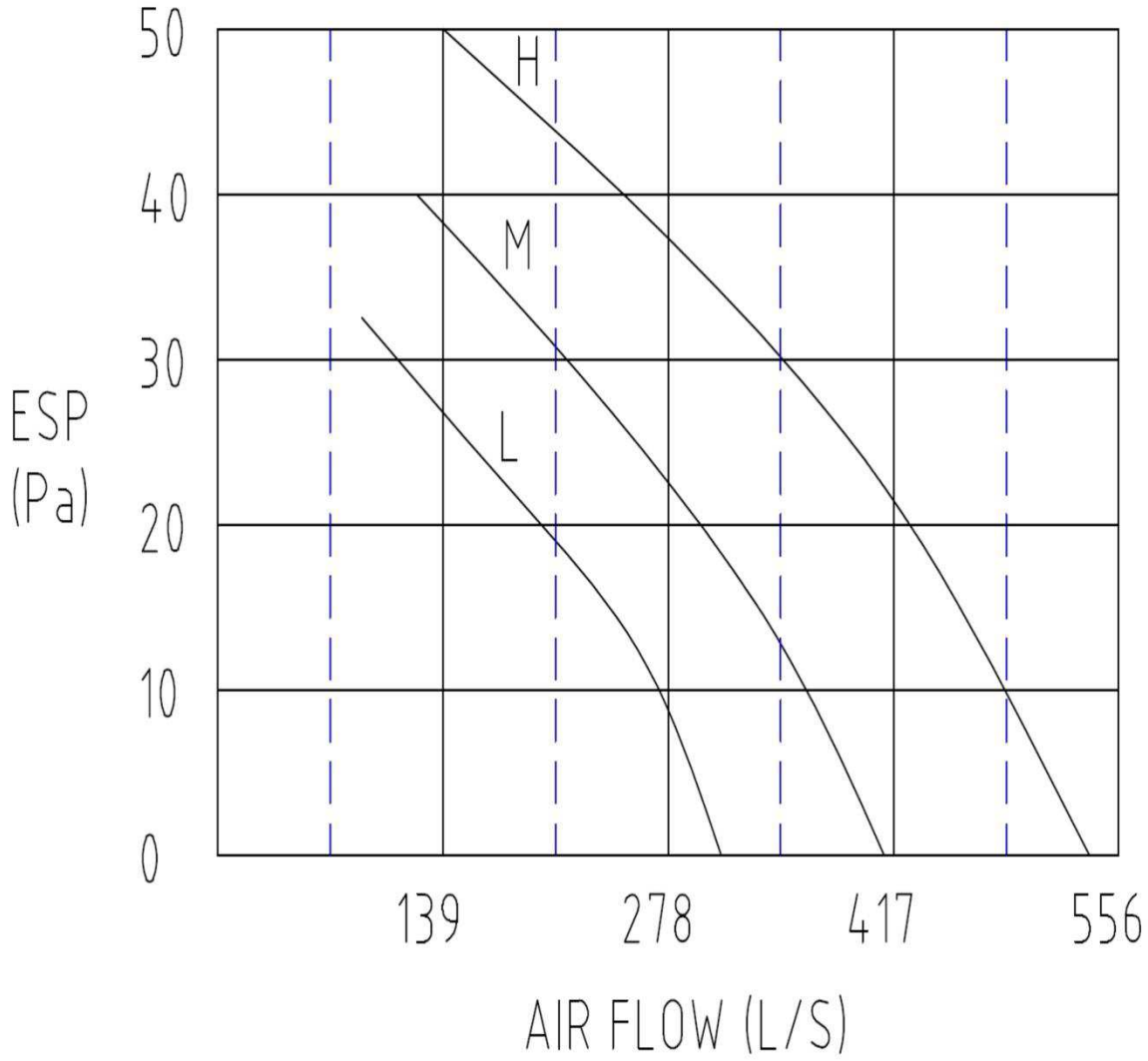
FAN CURVE – Standard 12 Watt



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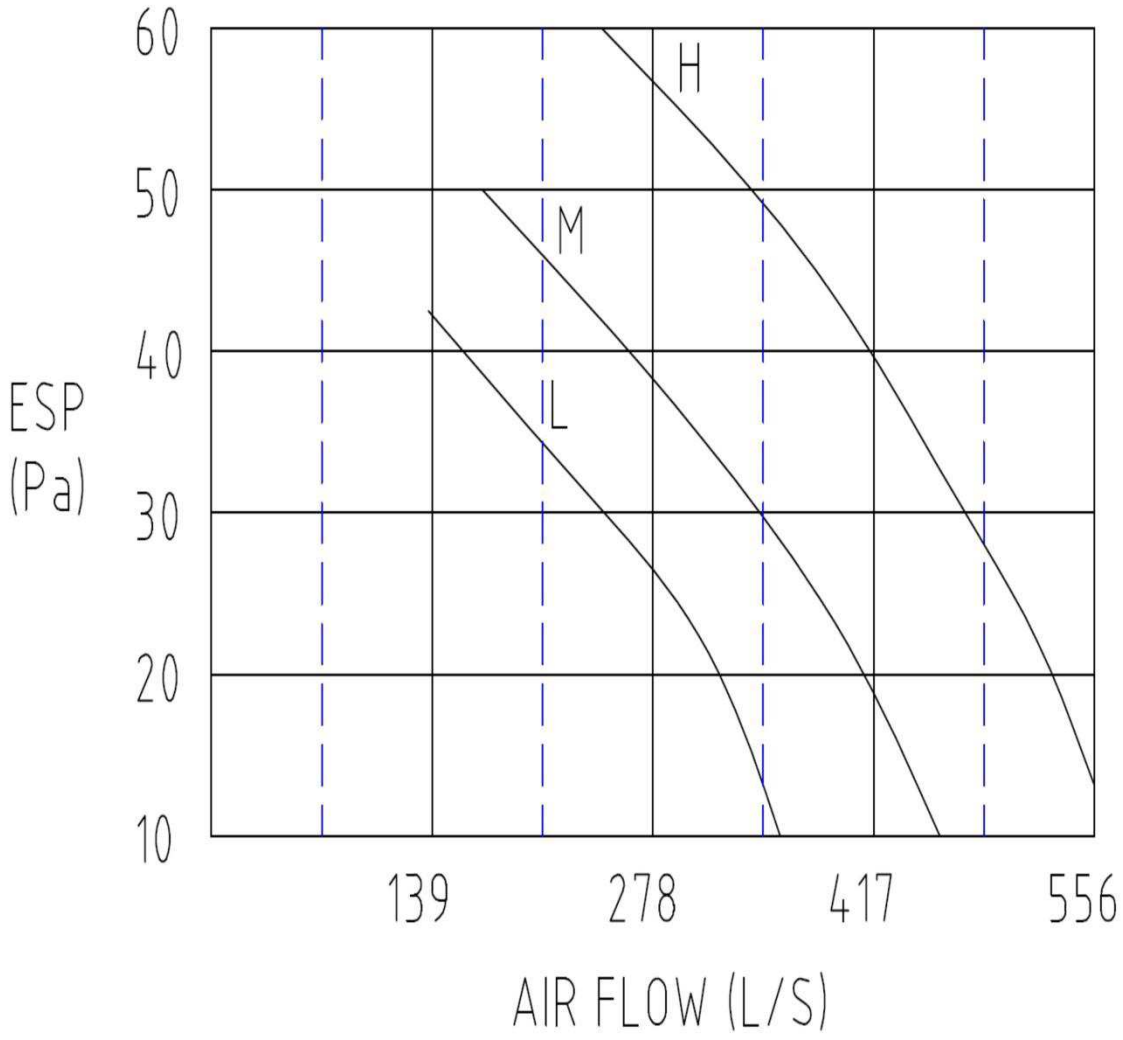
FAN CURVE – Medium 30 Watt



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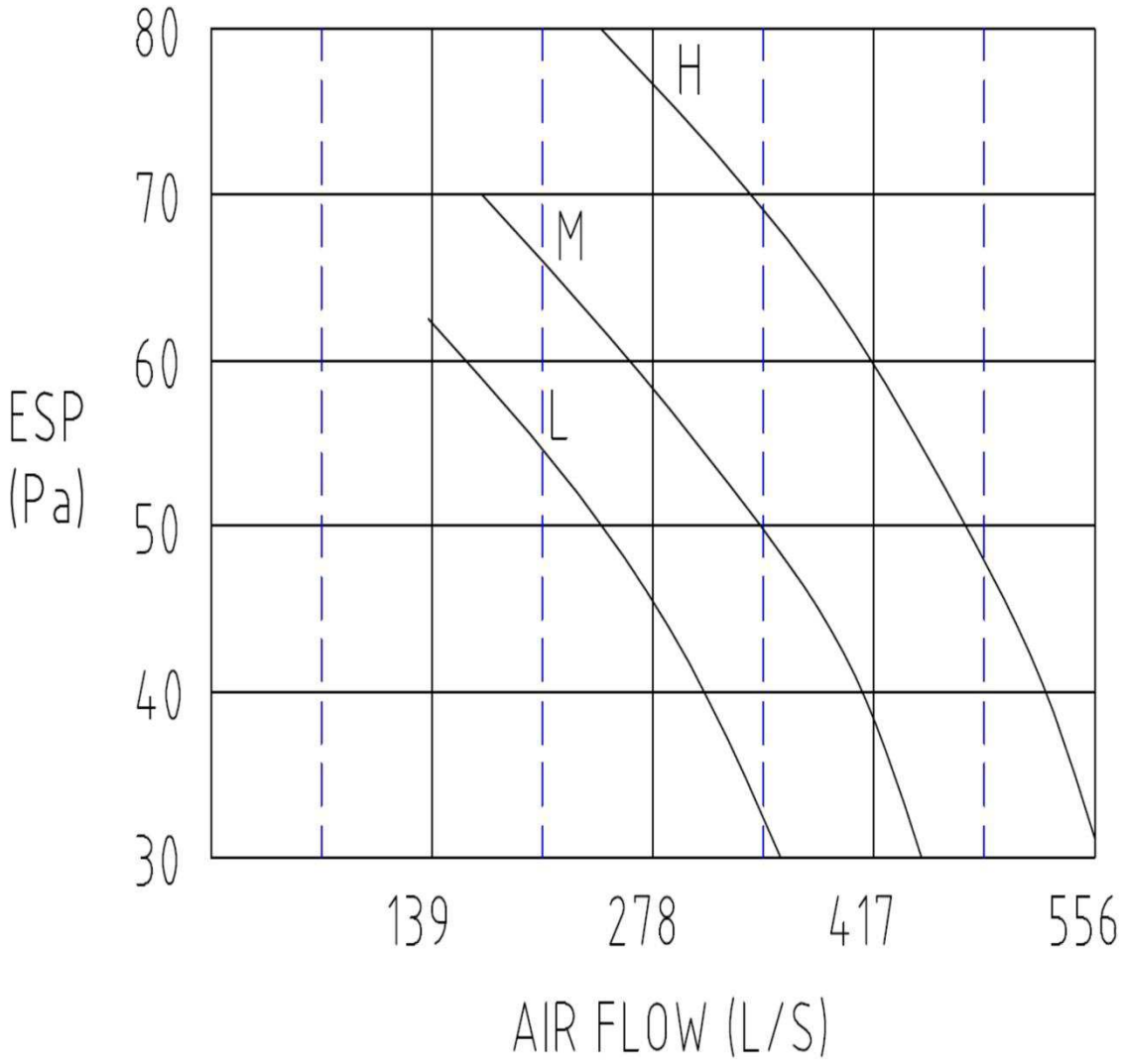
FAN CURVE – High Static 50 Watt



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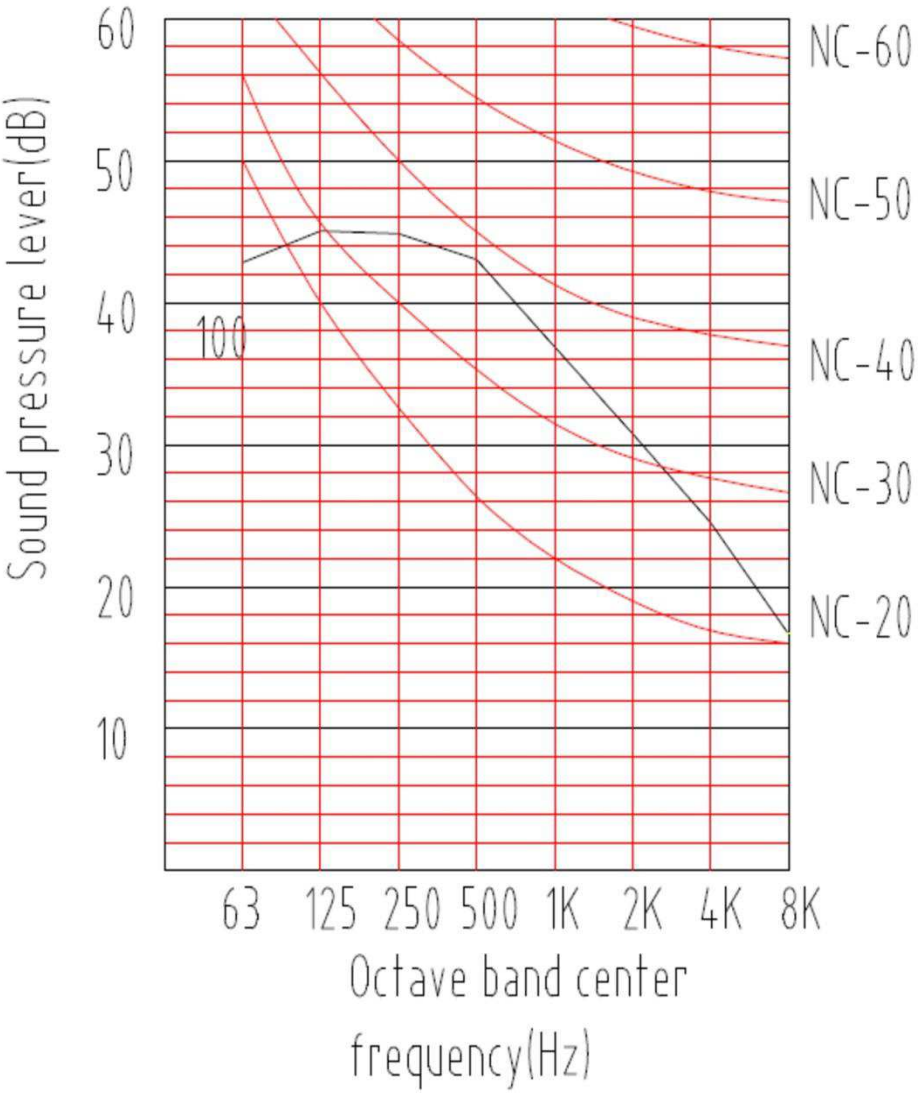
NOISE CURVE – Standard 12 Watt



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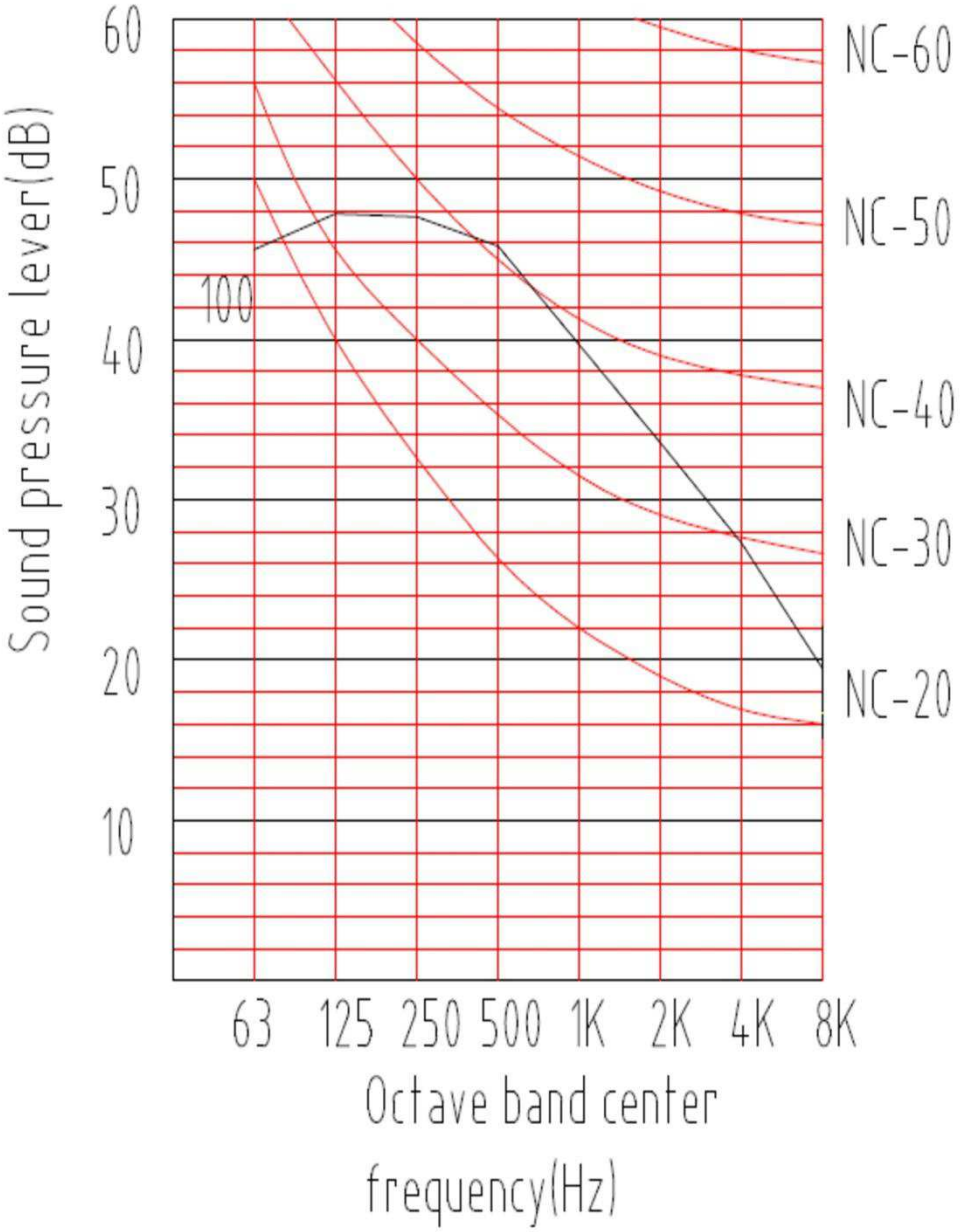
NOISE CURVE – Medium 30 Watt



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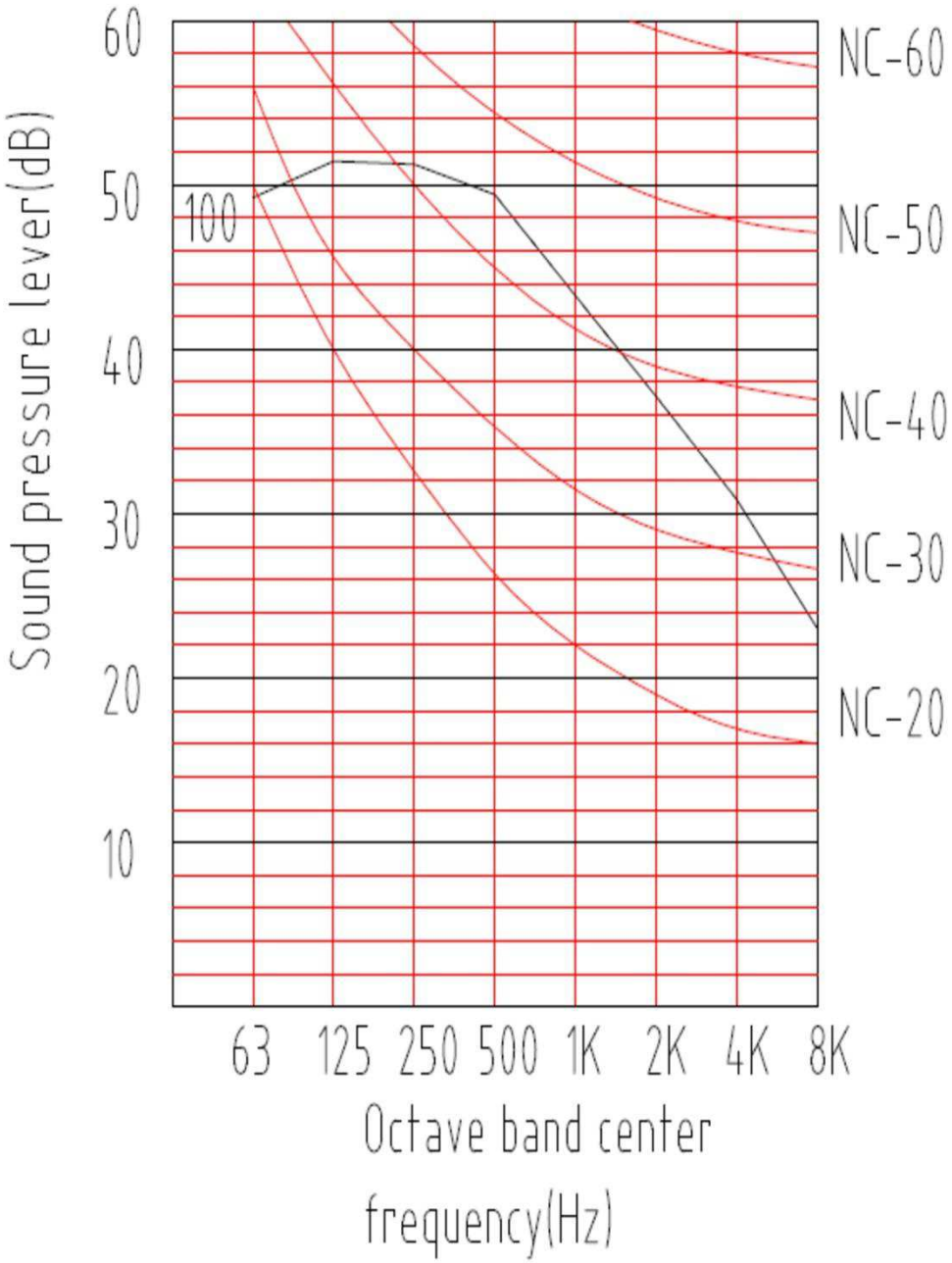
NOISE CURVE – High Static 50 Watt