

# Power Amplifier

Model No : APA 175 - 200

## SPECIFICATIONS:

### ELECTRICAL

Frequency Range	:	135 - 175 MHz
Power Output	:	200 W (Into 50 Ohms Load)
RF Input	:	0 dBm
Gain	:	53 dB
Gain Flatness	:	± 1 dB
Load VSWR	:	2.5:1
Input and Output Impedances	:	50 Ohms
Class of Operation	:	Class AB
DC Input	:	24 V
Current	:	20 A
Type of Input Signal	:	CW/AM/FM/WHITENOISE
Protections	:	Against high load mismatch, Against high temp., Against over drive.

### MECHANICAL

Connector type:	:	
Input	:	SMA Type Female
Output	:	N Type Female
Dimensions (l X b X h)	:	483 x 178 x 450 mm (19" X 17.7" X 7")
Weight	:	20 Kg (approx.) (44.09 lb)
Cooling	:	Forced Air Cooling

### ENVIRONMENTAL

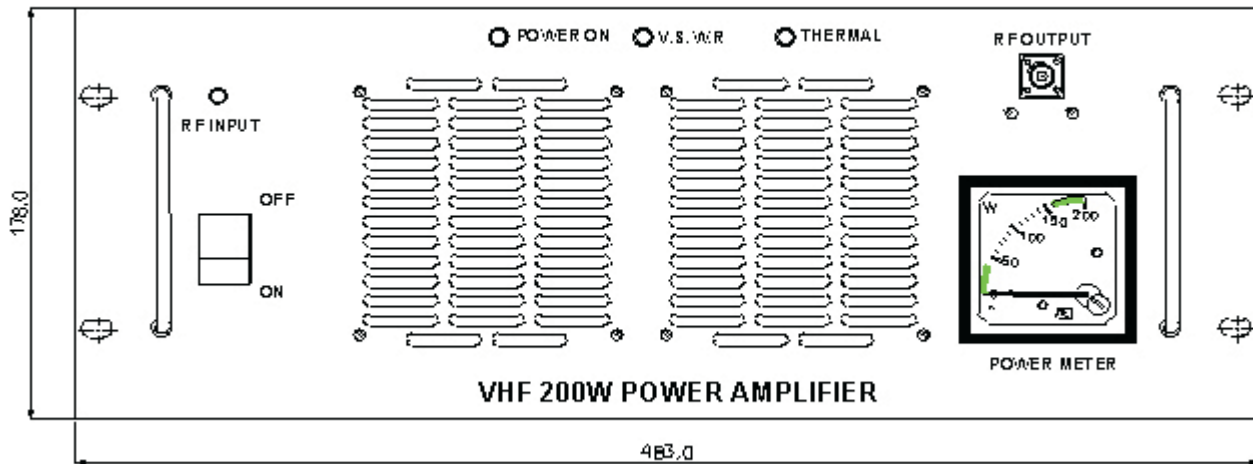
Operating Temp. Range	:	-10°C to + 55°C
Storage Temp. Range	:	-20°C to + 70°C
Humidity	:	95% RH Non Condensing

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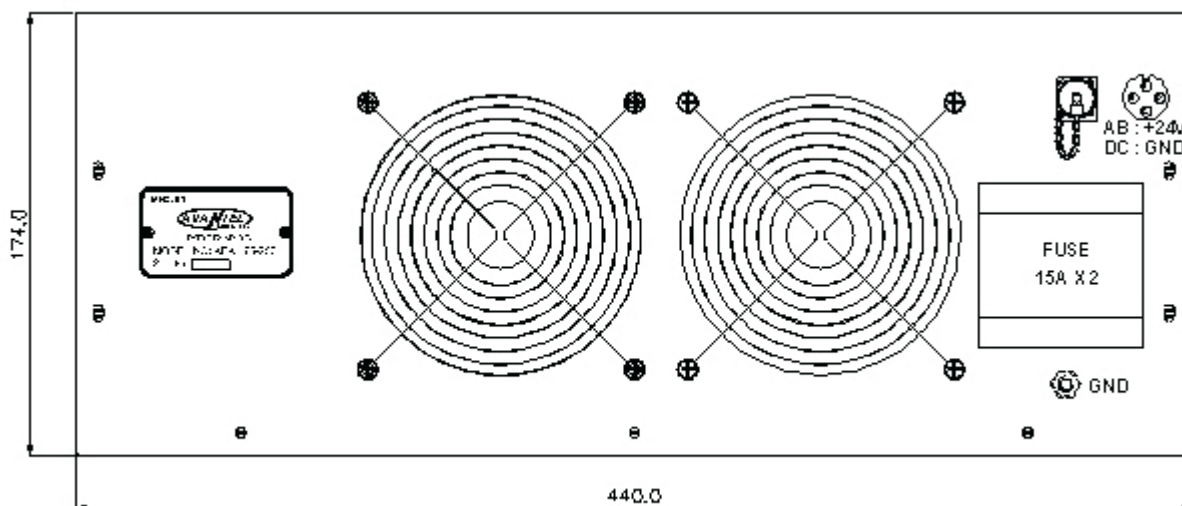
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## Outline Drawing:

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FRONT PANEL



REAR PANEL

All dimensions are in millimeters