

## Typical Data for Models 2516-4A and 2516-4B Bandpass Filters

### Performance Specifications

Type:	Resonant Cavity	
Size:	16"	
No. of Cavities:	4	
Typical VSWR	at $\pm 100$ kHz:	1.06:1
	at $\pm 150$ kHz:	1.04:1
	at $\pm 200$ kHz:	1.10:1
Typical Insertion Loss:	$\approx -0.30$ dB	
Typical Frequency Response (deviation from center frequency)	at $\pm 100$ kHz:	-0.01 dB
	at $\pm 150$ kHz:	-0.02 dB
	at $\pm 200$ kHz:	-0.05 dB
Typical Group Delay (deviation from center frequency)	at $\pm 100$ kHz:	25 nsec
	at $\pm 150$ kHz:	50 nsec
	at $\pm 200$ kHz:	200 nsec
Typical Bandwidth:	$\pm 200$ kHz	

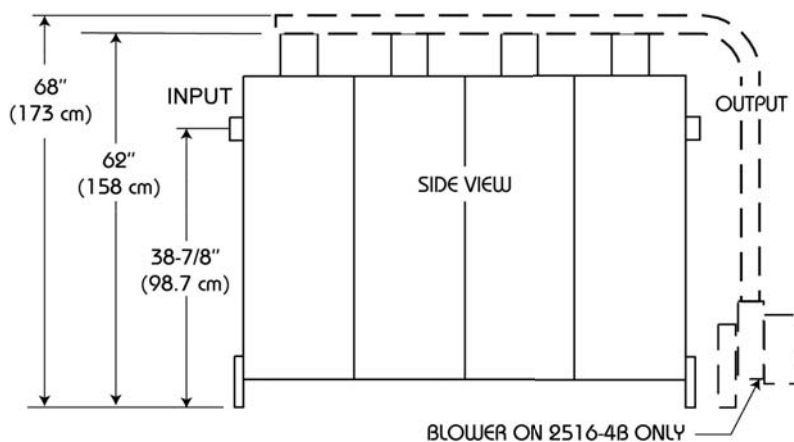
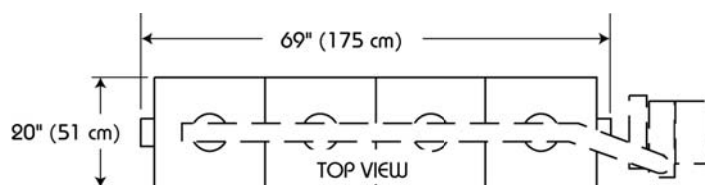
### Inputs, Outputs, and Weight:

	Model 2516-4A	Model 2516-4B
Maximum Input Power:	10 kW	30 kW
Cooling:	Convection	Forced Air
Inputs:	1-5/8" EIA	3-1/8" EIA
Outputs:	1-5/8" EIA	3-1/8" EIA
Shipping Weight:	400 lb (182 kg)	450 lb (205 kg)

### Dimensions:

#### NOTE

Blowers for the forced-air-cooled units occupy a footprint of approximately 24" x 24" (51 x 51 cm). They must be located near the output end of the filter, but are not included in the length shown.



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