

## Typical Data for Models 2524-3A and 2524-3B Bandpass Filters

### Performance Specifications

Type:	Resonant Cavity	
Size:	24"	
No. of Cavities:	3	
Typical VSWR	at $\pm 100$ kHz:	1.02:1
	at $\pm 150$ kHz:	1.05:1
	at $\pm 200$ kHz:	1.06:1
Typical Insertion Loss:	-0.20 dB	
Typical Frequency Response (deviation from center frequency)	at $\pm 100$ kHz:	-0.04 dB
	at $\pm 150$ kHz:	-0.08 dB
	at $\pm 200$ kHz:	-0.10 dB
Typical Group Delay (deviation from center frequency)	at $\pm 100$ kHz:	20 nsec
	at $\pm 150$ kHz:	40 nsec
	at $\pm 200$ kHz:	100 nsec
Typical Bandwidth:	$\pm 200$ kHz	



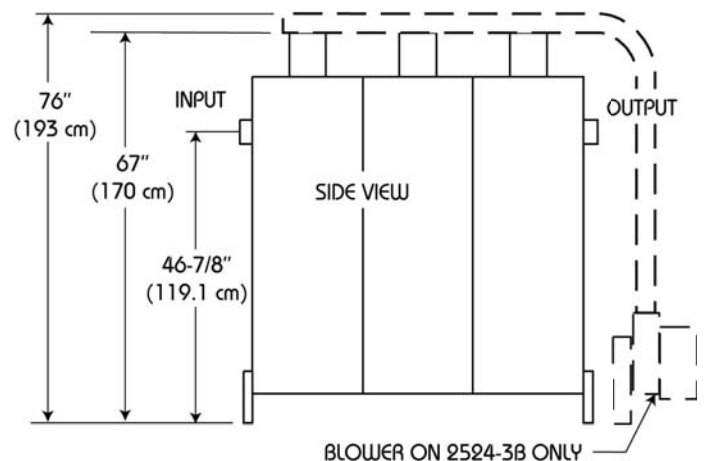
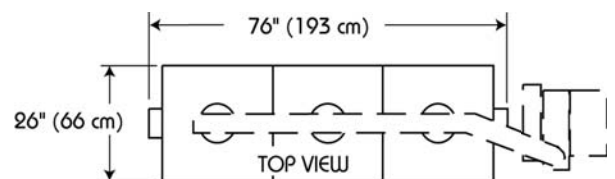
### Inputs, Outputs, and Weight:

	Model 2524-3A	Model 2524-3B
Maximum Input Power:	30 kW	50 kW
Cooling:	Convection	Forced Air
Inputs:	3-1/8" EIA	6-1/8" EIA
Outputs:	3-1/8" EIA	6-1/8" EIA
Shipping Weight:	500 lb (227 kg)	550 lb (250 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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