

Model 2516 Medium-Power Bandpass Filter for IBOC

Performance Specifications

	Model 2516-4A	Model 2516-4B
Type:	Resonant Cavity	
Size:	16"	
No. of Cavities:	4	
Maximum Input Power:	10 kW	30 kW
Cooling:	Convection	Forced Air
Typical VSWR	at ± 100 kHz:	1.06:1
	at ± 150 kHz:	1.04:1
	at ± 200 kHz:	1.10:1
Typical Insertion Loss:	-0.30 dB	
Typical Frequency Response (deviation from center frequency)	at ± 100 kHz:	-0.01 dB
	at ± 150 kHz:	-0.02 dB
	at ± 200 kHz:	-0.05 dB
Typical Group Delay (deviation from center frequency)	at ± 100 kHz:	25 nsec
	at ± 150 kHz:	50 nsec
	at ± 200 kHz:	150 nsec
Typical Bandwidth:	± 200 kHz	



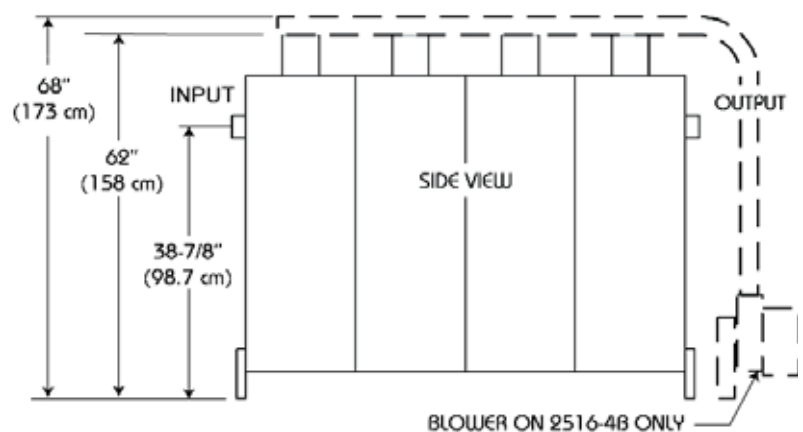
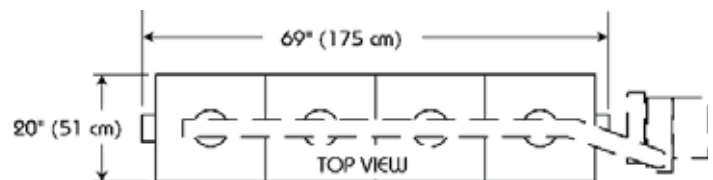
Inputs, Outputs, and Weight:

	Model 2516-4A	Model 2516-4B
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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