

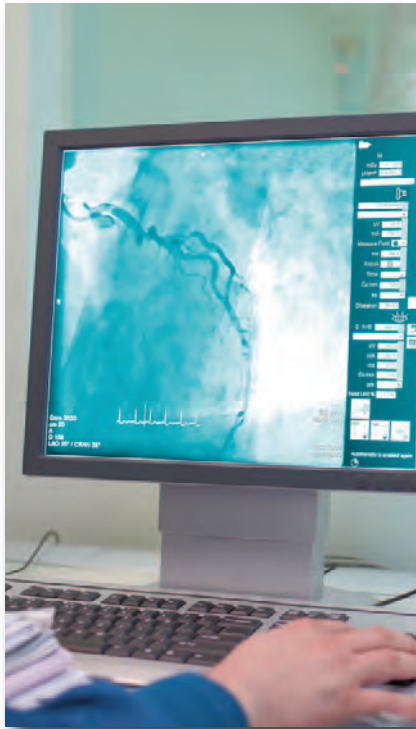
3.5kW/20kW

## Ultra-Fast C-Arm Monoblocks<sup>®</sup> for Radiography and Fluoroscopy



[spellmanhv.com](http://spellmanhv.com)

# Surgical C-Arm Monoblocks®



## Ultra-fast 3.5kW and 20kW Monoblocks® for Surgical C-Arms

Benefit from Spellman's 70 plus years of high voltage innovation with these Monoblock® X-Ray sources specifically designed for the C-Arm OEM. Our advanced technology and design expertise in conjunction with our depth of manufacturing capabilities position Spellman as the wise choice for your high voltage requirements.

### Ultra-Fast MMB SERIES

Our unique technologies increase the quality of the X-Ray beam and significantly reduce the patient dose. Pulsed Fluoroscopy enhances imaging of dense and complex anatomy to further support dose management. With a rise time of as fast as  $<1\text{ms}$ , Spellman's MMB Series is among the fastest in the industry.

Let Spellman High Voltage be your total solution provider for Diagnostic Medical Imaging systems. We offer world-class manufacturing, full regulatory compliance and technical support, global service and seven decades of innovative engineering for unique custom products.



20kW 40-125kV

### 20kW 40-125kV $<1.5\text{ms}$

Our 20kW Monoblock® uses a rotating anode tube which will allow for much higher mA and average power vs a stationary tube

### 3.5kW 40-125kV $<1\text{ms}$

3.5kW Monoblock® with  $<1\text{ms}$  rise time, perfect for extremities, specialized applications and vascular imaging

# SPECIFICATIONS

Model	MMB3.5	MMB20
Input Voltage	190-264Vac	200-264Vac
Maximum Power	3.5kW	20kW
<b>Output</b>		
kV Range	40-125kV	
kV Rise Time	< 1 msec	< 1.5 msec
kV Ripple	1%	
kV Accuracy	± 2%	
kV Overshoot	5%	
mA Range		
Small Focus	0.2-10mA	up to 40mA
Large Focus	10-40mA	up to 200mA
<b>X-Ray Tube</b>		
Focal Spot		
Small Focus	0.5	0.3
Large Focus	1.6	0.6
Target Angle	16 degree	10 degree
Total Equivalent Filtration	>2mm Al	
<b>Tank Heat Spec</b>		
Maximum Tank Heat Storage is no less than	630 kJ	888 kJ
Tank Maximum Cooling Rate	150W	200W

Please consult factory regarding product configuration, availability, full specifications and regulatory requirements for specific markets



3.5kW 40-125kV

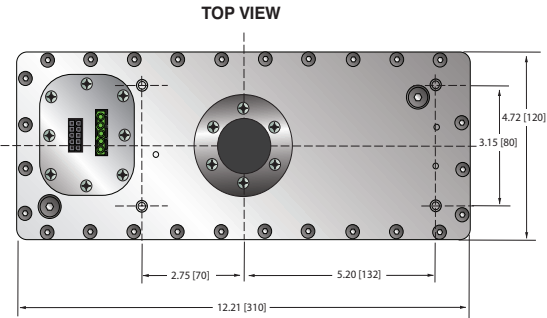
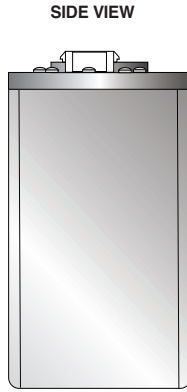
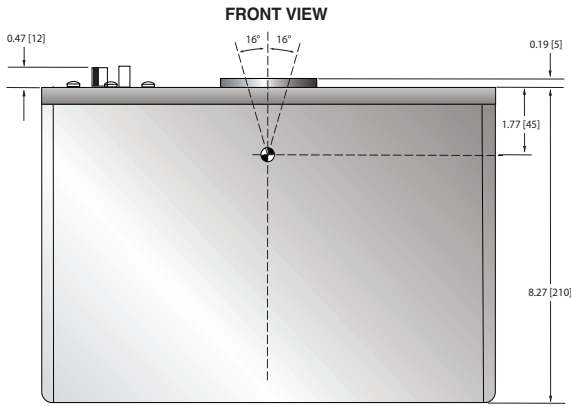
Spellman High Voltage— your single source for  
Medical Diagnostic Imaging Generators, Monoblock®  
X-Ray Sources and Medical Subsystems.



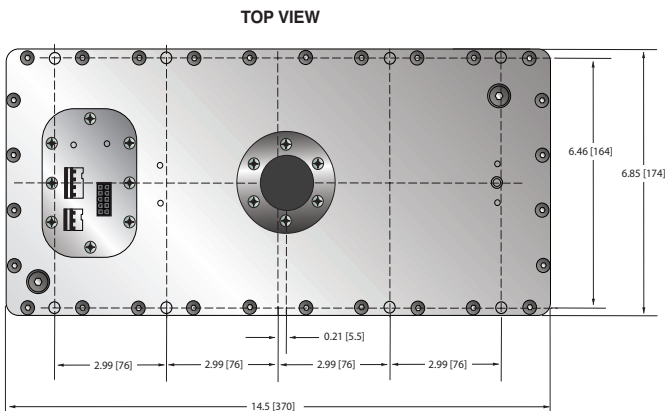
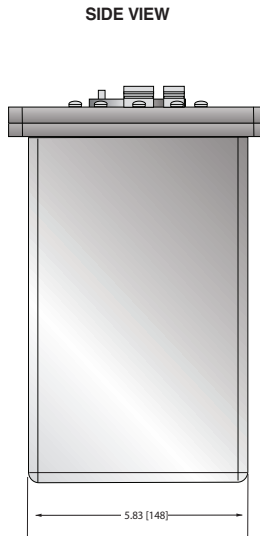
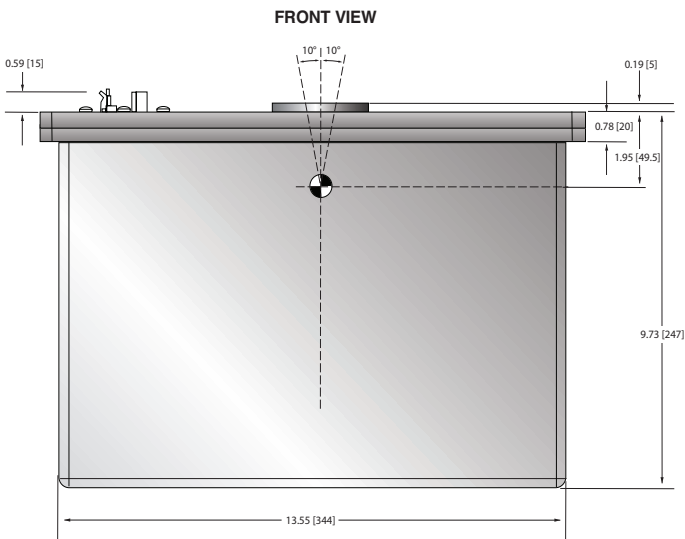


## MMB 3.5kW

Dimensions: In. (mm)



## MMB 20kW



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