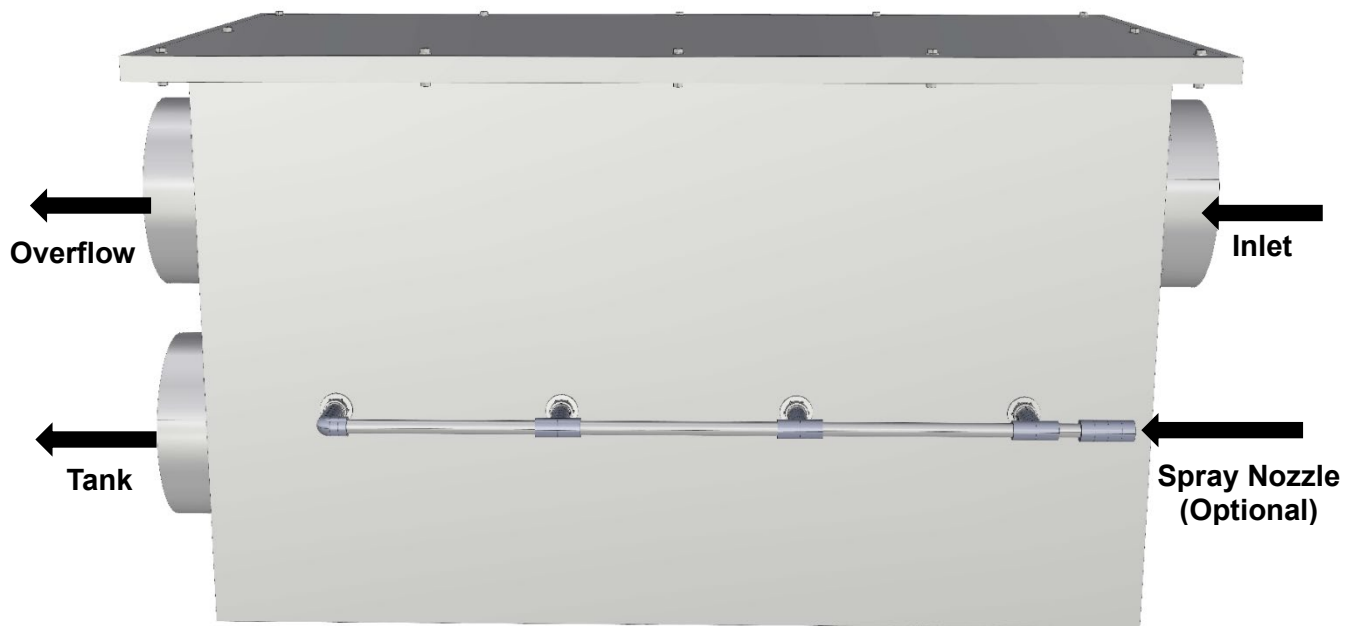


The **Rainwater Management Solutions High Volume Filter (RMS HVF)** is a custom pre-tank filter that can be utilized when there is not adequate vertical space for an RMS WISY Vertical Vortex Filter. It is a robust filtration solution engineered to efficiently remove solids from incoming rainwater lines. Designed with water harvesting in mind, the RMS HVF supports high throughput applications where water quality and system reliability are critical.

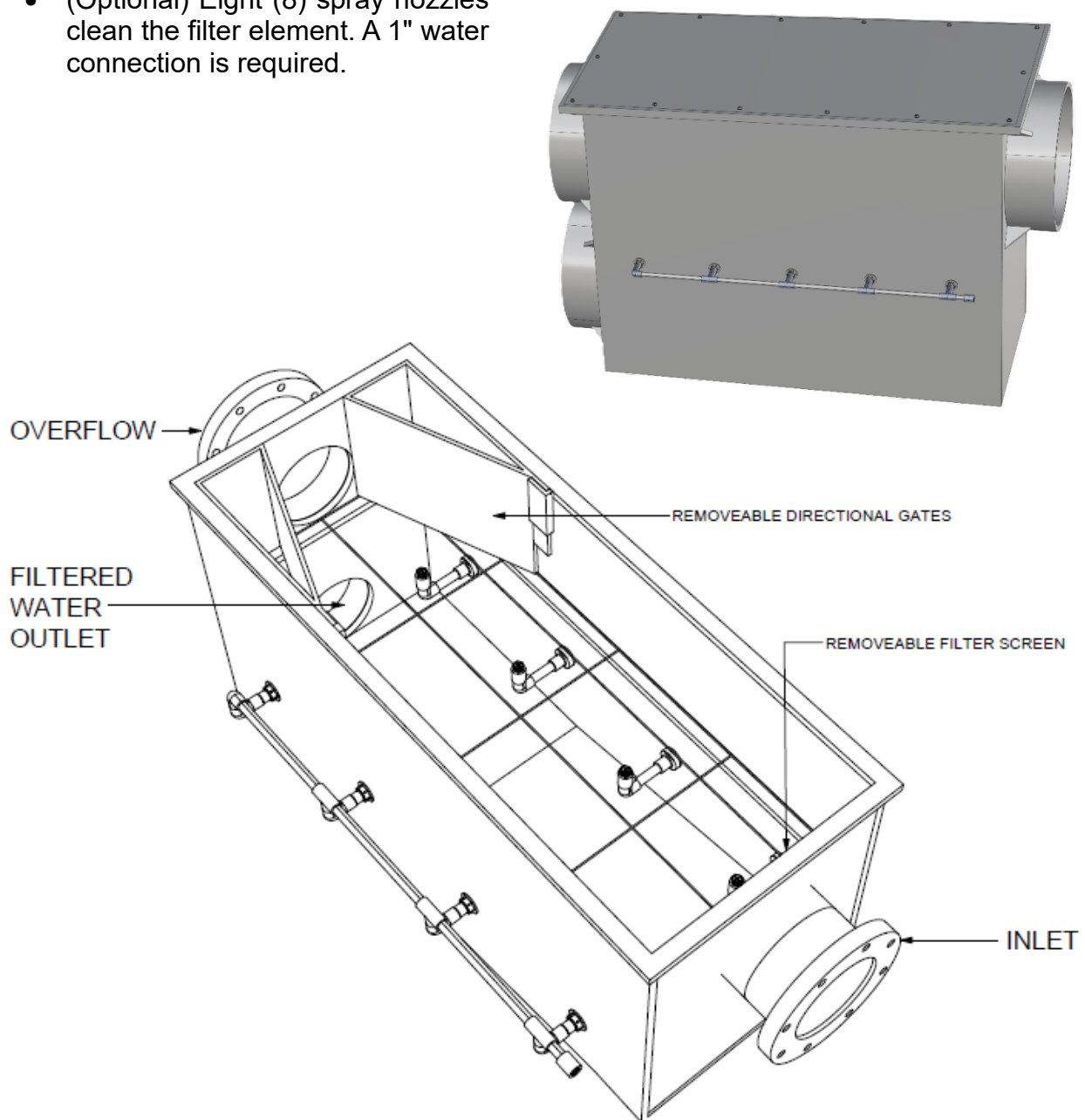


Key Features:

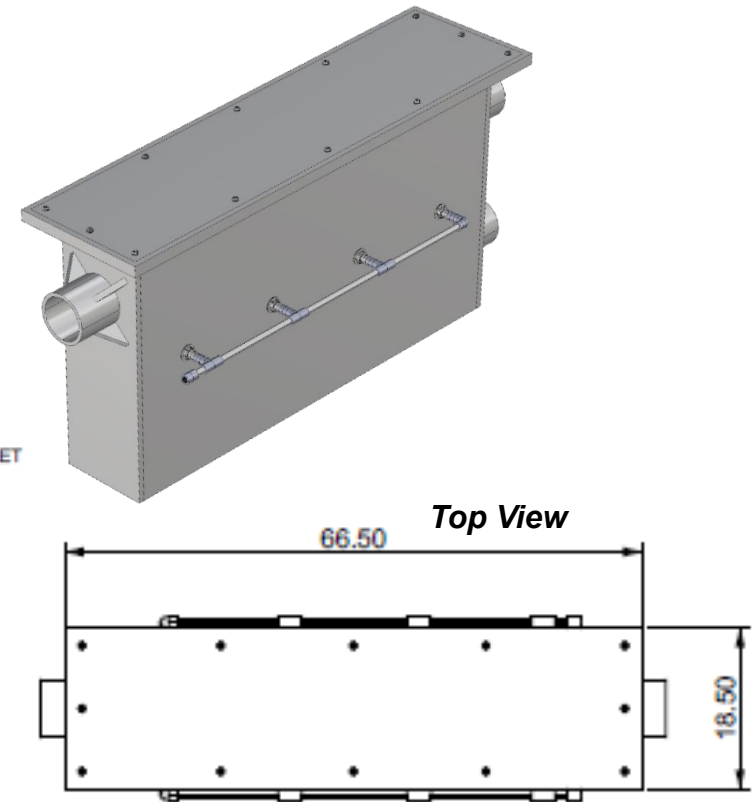
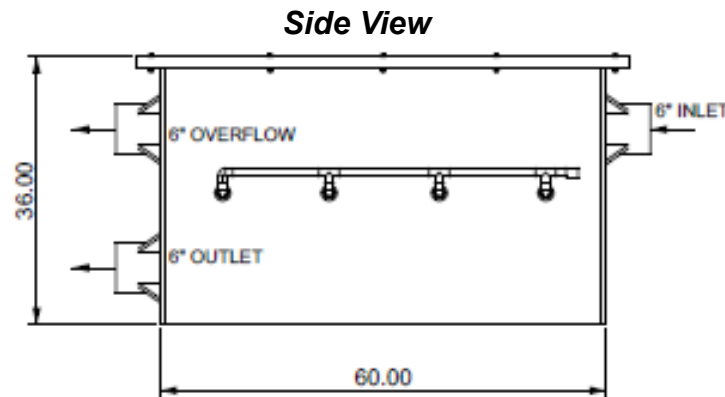
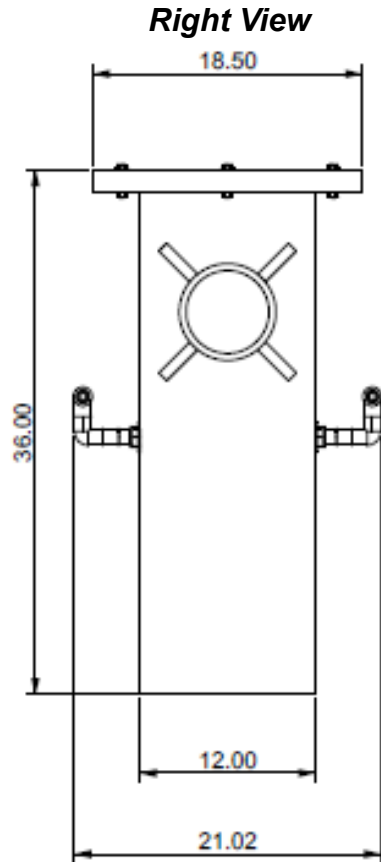
- ✓ **High-Flow Capacity** – Supports large volumes of water with minimal flow restriction
- ✓ **Solid Separation** – Effectively captures leaves, sediment, and debris to protect downstream systems
- ✓ **Durable Construction** – Built with high density polypropylene suitable for outdoor and indoor applications
- ✓ **Easy Maintenance** – Accessible filter components for routine inspection and cleaning
- ✓ **Compact Footprint** – Space-efficient design integrates easily into new or existing systems

Technical Specifications:

- Polypropylene pre-tank rainwater harvesting filter unit with stainless steel filter insert. The filter insert is available in fine (400-micron) or coarse (800-micron) stainless steel mesh.
- Minimum Clearance: 36" of vertical space above unit
- (Optional) Eight (8) spray nozzles clean the filter element. A 1" water connection is required.



6" Filter Specifications



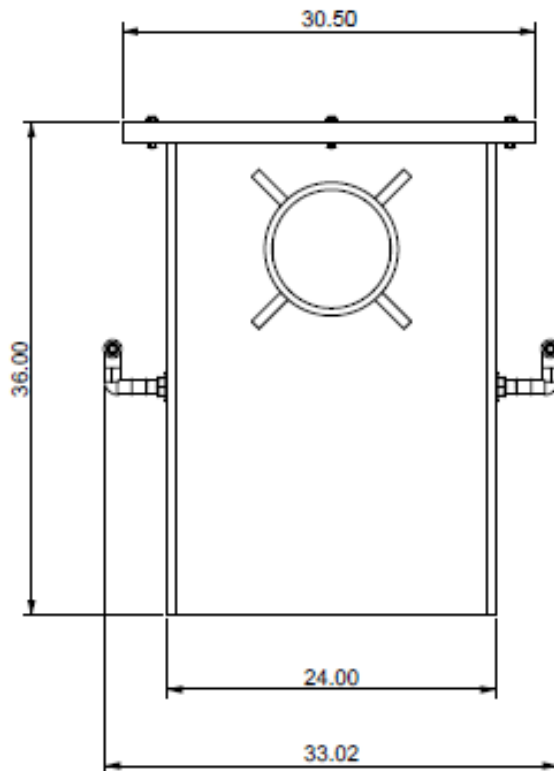
Part #	Description	Dimensions (LxWxH)	Dry Weight
HVF-6S-400	High Volume Separator with 6"Stubbed Connections and 400 Micron Stainless Steel Screen	66.5" X 18.5" X 36"	290lbs
HVF-6F-400	High Volume Separator with 6"Flanged Connections and 400 Micron Stainless Steel Screen		
HVF-6S-800	High Volume Separator with 6"Stubbed Connections and 800 Micron Stainless Steel Screen		
HVF-6F-800	High Volume Separator with 6"Flanged Connections and 800 Micron Stainless Steel Screen		

Note: Dimensions to not include inlet and outlet stub outs or spray nozzles.

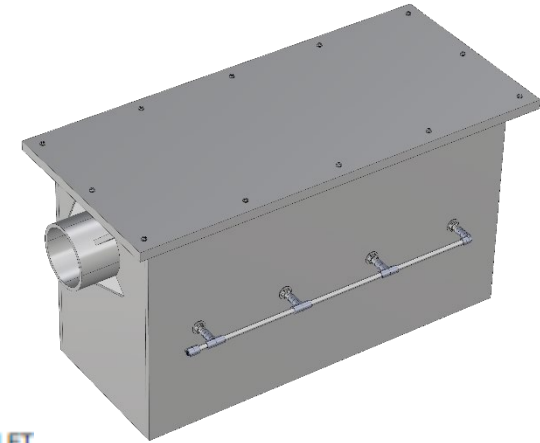
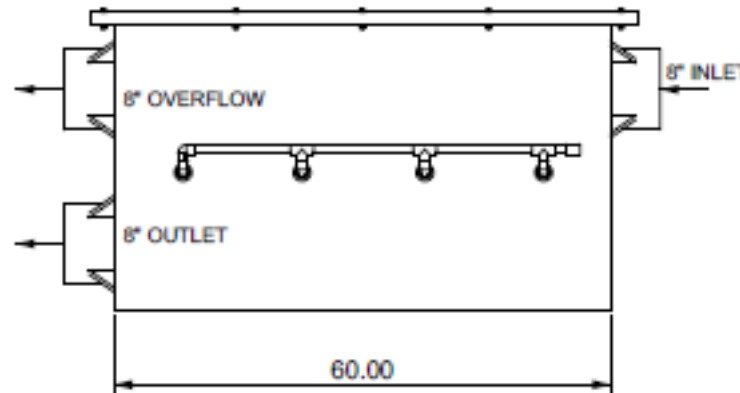
ALL GRADES AND ELEVATIONS TO BE SITE VERIFIED PRIOR TO CONSTRUCTION. DRAWINGS FOR ILLUSTRATIVE PURPOSES ONLY AND ARE NOT TO SCALE. NOT FOR CONSTRUCTION. DIMENSIONS AND LAYOUT SUBJECT TO CHANGE

8" Filter Specifications

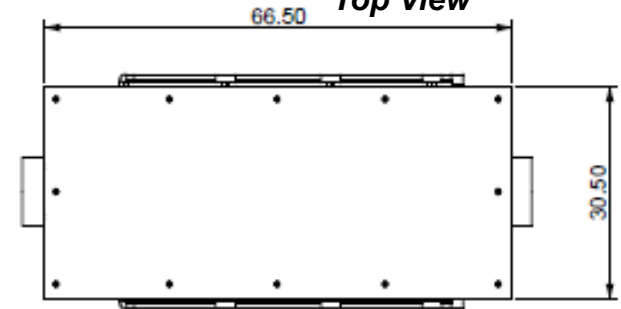
Right View



Side View



Top View

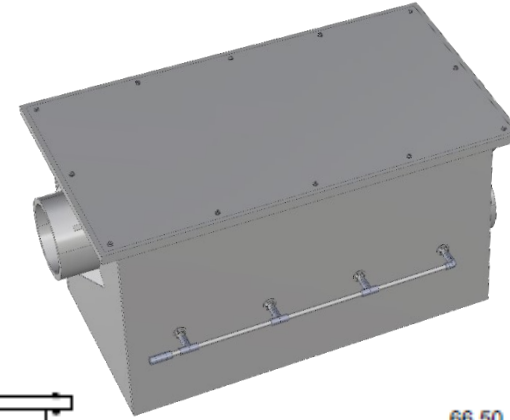


Part #	Description	Dimensions (LxWxH)	Dry Weight
HVF-8S-400	High Volume Separator with 8"Stubbed Connections and 400 Micron Stainless Steel Screen	66.5" X 30.5" X 36"	300lbs
HVF-8F-400	High Volume Separator with 8"Flanged Connections and 400 Micron Stainless Steel Screen		
HVF-8S-800	High Volume Separator with 8"Stubbed Connections and 800 Micron Stainless Steel Screen		
HVF-8F-800	High Volume Separator with 8"Flanged Connections and 800 Micron Stainless Steel Screen		

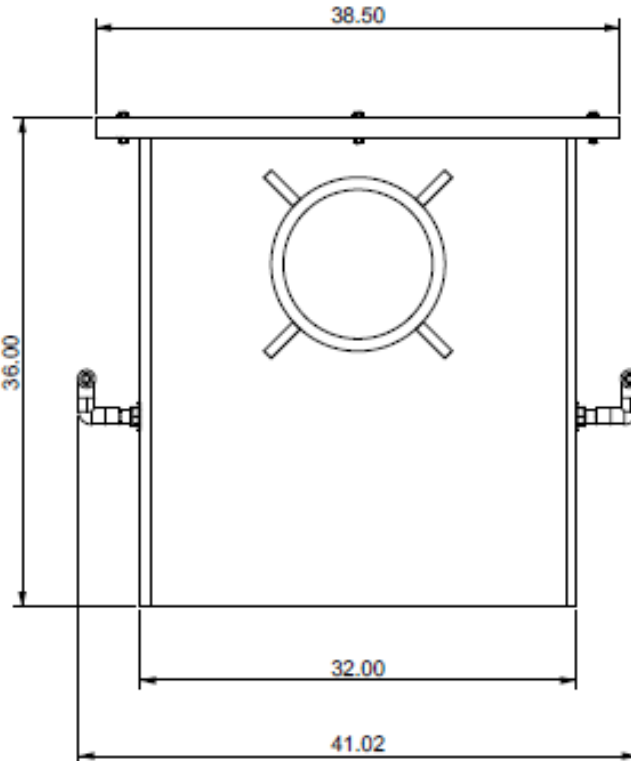
Note: Dimensions to not include inlet and outlet stub outs or spray nozzles.

ALL GRADES AND ELEVATIONS TO BE SITE VERIFIED PRIOR TO CONSTRUCTION. DRAWINGS FOR ILLUSTRATIVE PURPOSES ONLY AND ARE NOT TO SCALE. NOT FOR CONSTRUCTION. DIMENSIONS AND LAYOUT SUBJECT TO CHANGE

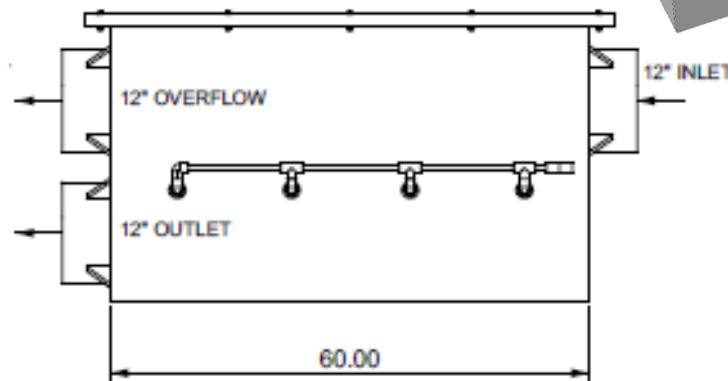
12" Filter Specifications



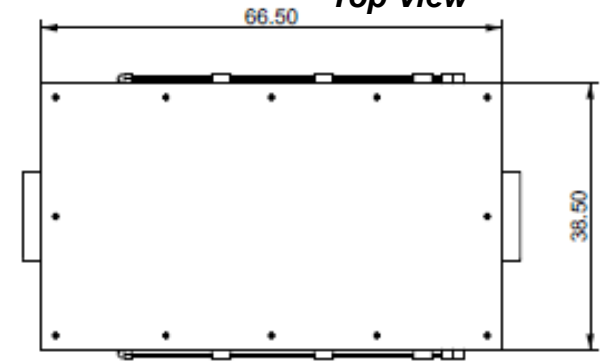
Right View



Side View



Top View

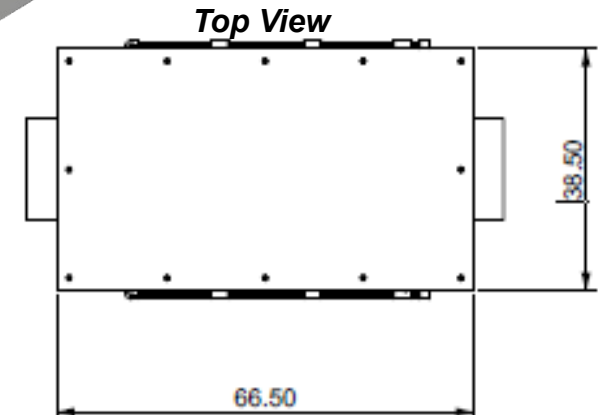
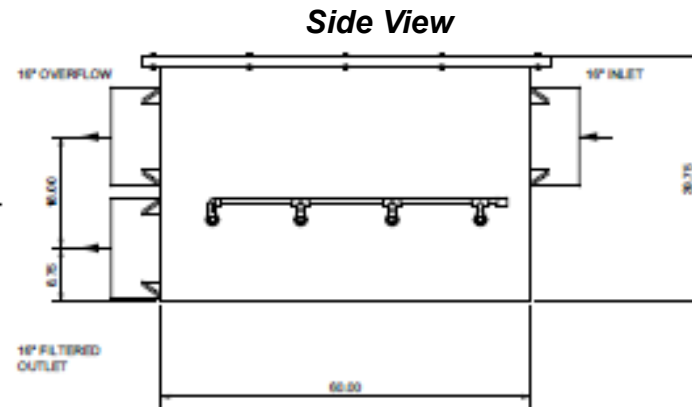
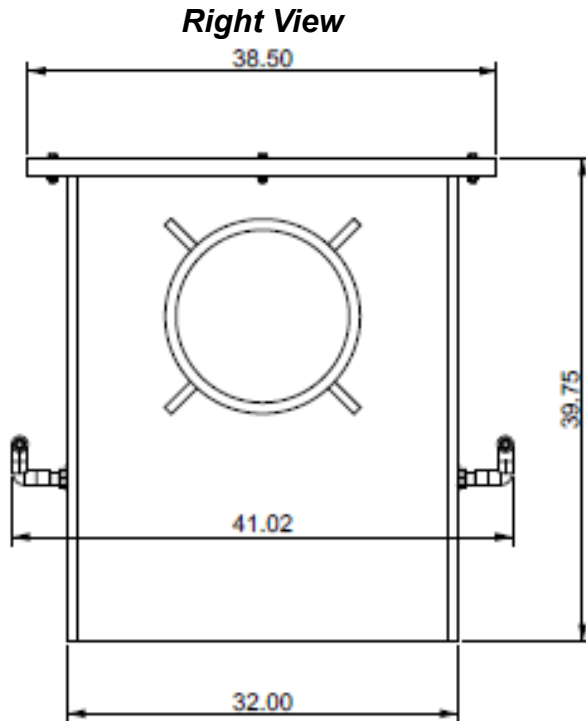
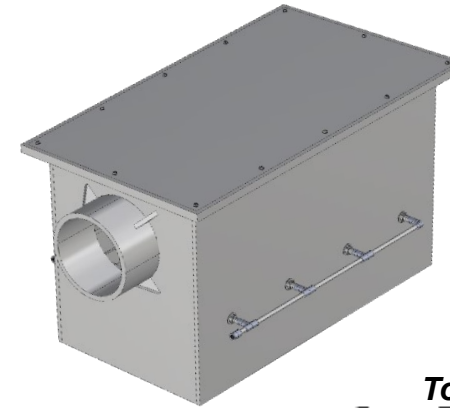


Part #	Description	Dimensions (LxWxH)	Dry Weight
HVF-12S-400	High Volume Separator with 12"Stubbed Connections and 400 Micron Stainless Steel Screen	66.5" X 38.5" X 36"	315lbs
HVF-12F-400	High Volume Separator with 12"Flanged Connections and 400 Micron Stainless Steel Screen		
HVF-12S-800	High Volume Separator with 12"Stubbed Connections and 800 Micron Stainless Steel Screen		
HVF-12F-800	High Volume Separator with 12"Flanged Connections and 800 Micron Stainless Steel Screen		

Note: Dimensions to not include inlet and outlet stub outs or spray nozzles.

ALL GRADES AND ELEVATIONS TO BE SITE VERIFIED PRIOR TO CONSTRUCTION. DRAWINGS FOR ILLUSTRATIVE PURPOSES ONLY AND ARE NOT TO SCALE. NOT FOR CONSTRUCTION. DIMENSIONS AND LAYOUT SUBJECT TO CHANGE

16" Filter Specifications

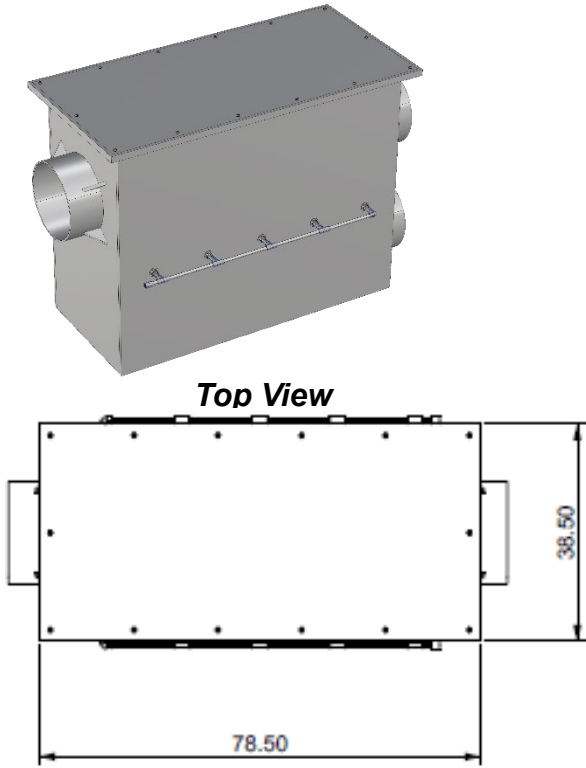
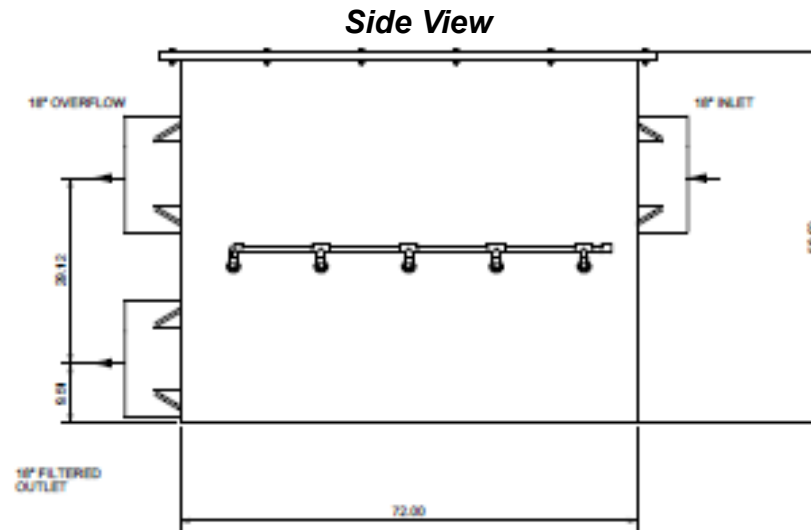
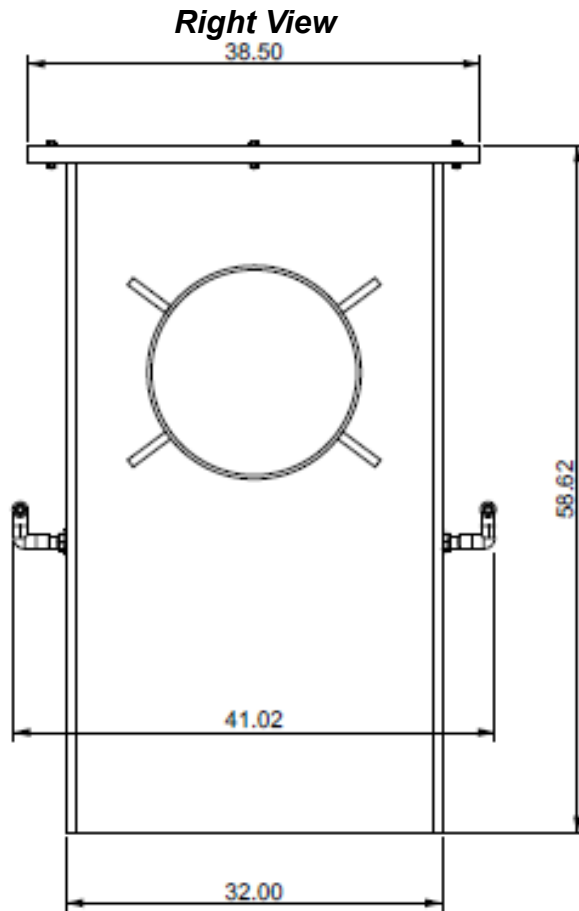


Part #	Description	Dimensions (LxWxH)	Dry Weight
HVF-16S-400	High Volume Separator with 16"Stubbed Connections and 400 Micron Stainless Steel Screen	66.5" X 38.5" X 39.75"	330lbs
HVF-16F-400	High Volume Separator with 16"Flanged Connections and 400 Micron Stainless Steel Screen		
HVF-16S-800	High Volume Separator with 16"Stubbed Connections and 800 Micron Stainless Steel Screen		
HVF-16F-800	High Volume Separator with 16"Flanged Connections and 800 Micron Stainless Steel Screen		

Note: Dimensions to not include inlet and outlet stub outs or spray nozzles.

ALL GRADES AND ELEVATIONS TO BE SITE VERIFIED PRIOR TO CONSTRUCTION. DRAWINGS FOR ILLUSTRATIVE PURPOSES ONLY AND ARE NOT TO SCALE. NOT FOR CONSTRUCTION. DIMENSIONS AND LAYOUT SUBJECT TO CHANGE

18" Filter Specifications

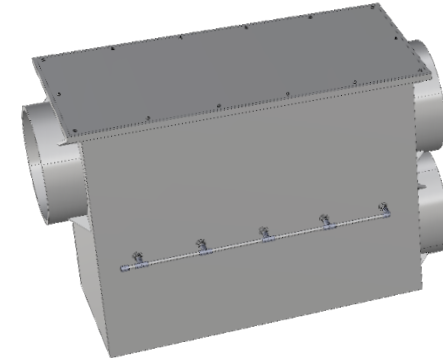


Part #	Description	Dimensions (LxWxH)	Dry Weight
HVF-18S-400	High Volume Separator with 18"Stubbed Connections and 400 Micron Stainless Steel Screen	78.5" X 38.5" X 58.62"	600lbs
HVF-18F-400	High Volume Separator with 18"Flanged Connections and 400 Micron Stainless Steel Screen		
HVF-18S-800	High Volume Separator with 18"Stubbed Connections and 800 Micron Stainless Steel Screen		
HVF-18F-800	High Volume Separator with 18"Flanged Connections and 800 Micron Stainless Steel Screen		

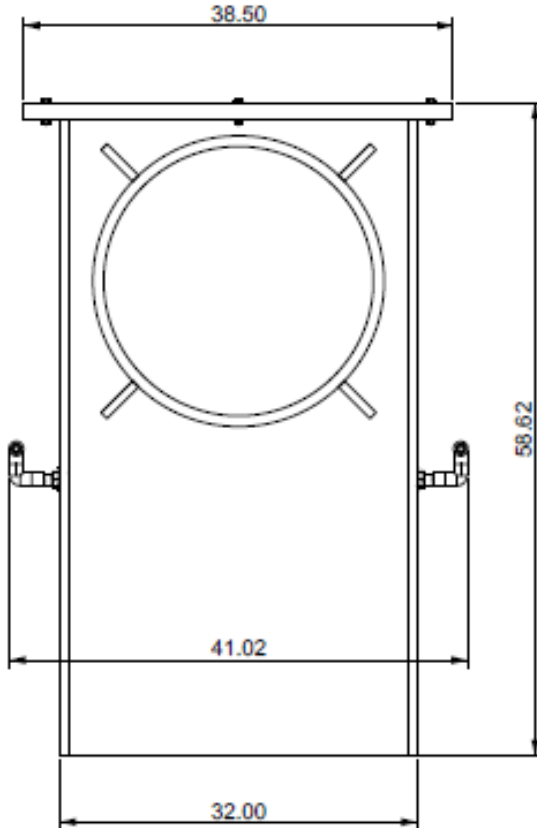
Note: Dimensions to not include inlet and outlet stub outs or spray nozzles.

ALL GRADES AND ELEVATIONS TO BE SITE VERIFIED PRIOR TO CONSTRUCTION. DRAWINGS FOR ILLUSTRATIVE PURPOSES ONLY AND ARE NOT TO SCALE. NOT FOR CONSTRUCTION. DIMENSIONS AND LAYOUT SUBJECT TO CHANGE

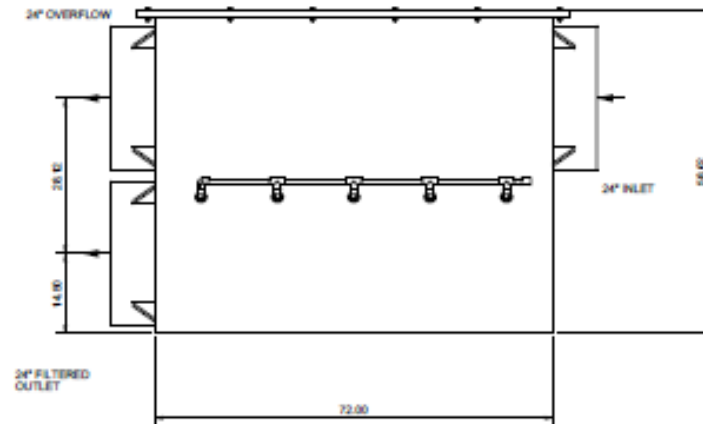
24" Filter Specifications



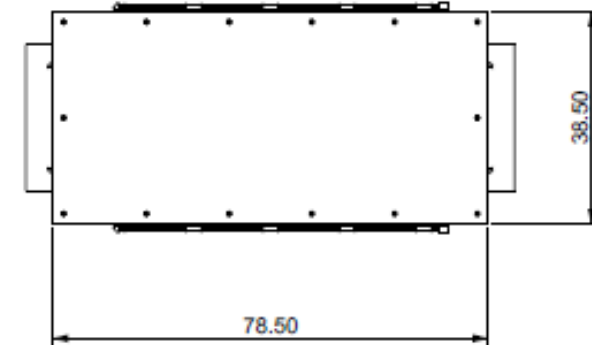
Right View



Side View



Top View



Part #	Description	Dimensions (LxWxH)	Dry Weight
HVF-24S-400	High Volume Separator with 24"Stubbed Connections and 400 Micron Stainless Steel Screen	78.5" X 38.5" X 58.62"	600lbs
HVF-24F-400	High Volume Separator with 24"Flanged Connections and 400 Micron Stainless Steel Screen		
HVF-24S-800	High Volume Separator with 24"Stubbed Connections and 800 Micron Stainless Steel Screen		
HVF-24F-800	High Volume Separator with 24"Flanged Connections and 800 Micron Stainless Steel Screen		

Note: Dimensions to not include inlet and outlet stub outs or spray nozzles.

ALL GRADES AND ELEVATIONS TO BE SITE VERIFIED PRIOR TO CONSTRUCTION. DRAWINGS FOR ILLUSTRATIVE PURPOSES ONLY AND ARE NOT TO SCALE. NOT FOR CONSTRUCTION. DIMENSIONS AND LAYOUT SUBJECT TO CHANGE