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MODULAR DUST COLLECTORS  
& DOWNDRAFT TABLES

WOODWORKING  
COARSE & FINE DUST

INDUSTRIAL  
FUME & FINE DUST

AIR FILTRATION

## HIGH EFFICIENCY UP-FLOW CARTRIDGE DUST COLLECTOR

The BELFAB V4 from the MPJC series is an upflow cartridge dust collector (vertical cartridges) with pulse jet cleaning system, offering optimal air-to-cloth ratio for 1000 to 4000 CFM ranges. This stand-alone compact cartridge filter unit can be configured with a sealed drawer, a hopper with drum or a rotary air-lock continuous discharge for dust disposal.

### APPLICATIONS:

- WELDING & ROBOTIC WELDING
- LASER & PLASMA CUTTING
- GRINDING & DEBURRING
- SANDING & FINISHING
- SOLDERING & BRAZING

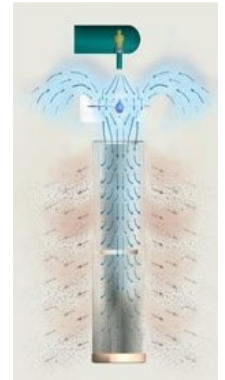


**V4S DRAWER  
CONFIGURATION**

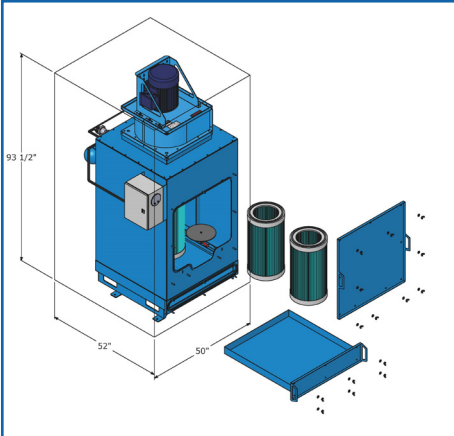
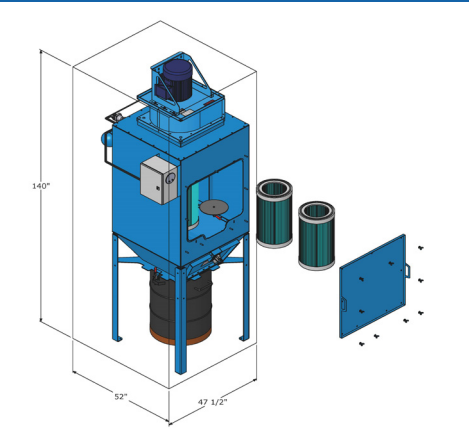
FEATURES	BENEFITS
Fully welded construction	Low risk of dust leaking through the panels of the dust collector
11-gauge steel heavy duty structure	Suitable for a wide range of pressure and applications
Upgradeable blower	Simple and low cost retrofit to increase CFM capacity
Multiple filter media type availability	Suitable for a wide range of manufacturing processes
Standard size cartridges (V4S-26in / V4L-36in)	Quick delivery on filter replacement parts
Pulse cleaning technology (TDEF)	High efficiency filtration and longer cartridges life expectancy
Easy maintenance	Replacement of cartridges facilitated by ergonomical handles, lightweight panels and easy access to the cartridges
Compact design	Minimize floor space requirements
Option: Magnehelic gauge	Clearly indicates the service interval for optimal efficiency and operation costs

## UNIQUE TEAR DROP EVEN FLOW (TDEF) PULSE JET CLEANING TECHNOLOGY

- Evenly forces the pulse of air through the entire length of the cartridge.
- Cartridges are cleaned top to bottom with each pulse.
- Pressure drop is reduced across the filters after clean-up cycles allowing the complete surface of the cartridges to be used for filtration.
- Cartridges life expectancy is increased.



## V4S SPECIFICATIONS

		
<b>MPJC – V4S</b>	<b>MPJC-V4S-D Sealed Drawer Configuration</b>	<b>MPJC-V4S-B Drum &amp; Hopper Configuration</b>
<b>Filters quantity</b>	<b>4</b>	<b>4</b>
<b>Filters dimension</b>	<b>12 ¾ dia x 26"</b>	<b>12 ¾ dia x 26"</b>
<b>Optimal CFM</b>	<b>1000 to 3500 CFM</b>	<b>1000 to 3500 CFM</b>
<b>Dust disposal</b>	<b>Drawer</b>	<b>55 gal Steel drum</b>
<b>Dimensions (without control panel)</b>	<b>36" (L) x 48" (W) x 89" (H)</b>	<b>36" (L) x 48" (W) x 136" (H)</b>
<b>Weight (lbs)</b>	<b>1400</b>	<b>1650</b>

### OPTIONS & ACCESSORIES

- Spark detector and sprinkler
- On-demand auto cleaning system
- Explosion door & accessories
- Silencer package
- Sealed Drawer / Drum / Rotary airlock
- Hopper for 55 gal. drum
- Magnehelic pressure gauge
- Extended legs
- Pneumatic cleaning push button

Belfab improves its products continuously and may change the specifications without notice.