

# Impact<sup>®</sup> HV Filters

*Point-of-use filtration of high-viscosity (HV) fluids*

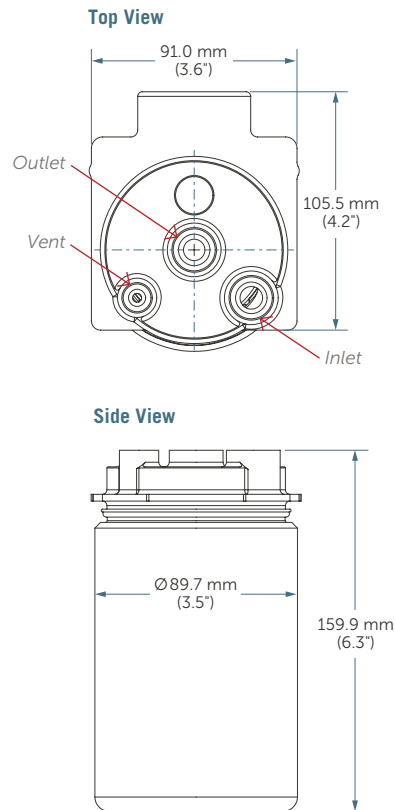
Impact<sup>®</sup> HV disposable filters provide compact, point-of-use filtration of high-viscosity chemicals and polyimide process fluids. These reliable filters incorporate a rugged UPE or PTFE membrane, which reduces contamination, enables consistent particle and microbubble retention, and ensures low metal and organic extractables. When used with an Optimizer<sup>®</sup> ST2 manifold and IntelliGen<sup>®</sup> HV two-stage dispense system, filter changeouts are more rapid and do not require tools or draining, and installations and retrofits are also much quicker and more cost effective.

## FEATURES & BENEFITS

<b>Rugged filter design</b>	Optimized for high-viscosity applications while maintaining a low pressure drop across the filter
<b>UPE membrane</b>	Eliminates prewetting and flushing, which saves time and provides more consistent filtration
<b>Disposable format</b>	Can be used on the IntelliGen HV two-stage dispense system or as a standalone unit



## DIMENSIONS

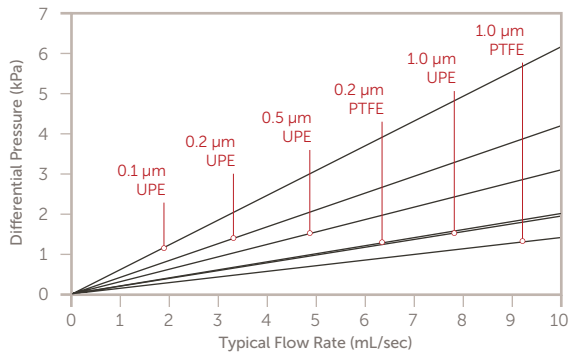


## SPECIFICATIONS

<b>Materials</b>	Membrane	UPE, PTFE
	Surface area	3400 cm <sup>2</sup> (3.66 ft <sup>2</sup> )
	Supports, core, sleeve	HDPE
	Shell	HDPE
	O-ring	Kalrez® perfluoroelastomer
<b>Retention rating</b>	UPE: 0.1, 0.2, 0.5, 1.0 µm PTFE: 0.2, 1.0 µm	
<b>Maximum operating conditions</b>	Maximum inlet pressure: 0.34 MPa (3.4 bar, 50 psi) @ 25°C (77°F)  Maximum forward/reverse differential pressure: 0.27 MPa (2.7 bar, 39 psi) @ 25°C (77°F)  Maximum operating temperature: 40°C (104°F)	
<b>Available manifold connections</b>	Dispense system: IntelliGen HV two-stage dispense system  Standalone (Optimizer ST2 manifold): Inlet/outlet: <ul style="list-style-type: none"> <li>• ¼", ⅜" and ½" Flowell™ 60</li> <li>• ¼", ⅜", ½", 6 mm and 8 mm tube stubs</li> </ul> Vent/drain: <ul style="list-style-type: none"> <li>• ¼" Flowell 60</li> <li>• ¼" and 4 mm tube stubs</li> </ul>	

## PERFORMANCE DATA

### Impact HV Disposable Filters



## ORDERING INFORMATION

### Impact HV Filters

Part number	Membrane	Retention rating
ATAG0LKM1	PTFE	0.2 µm
ATAA0LKM1	PTFE	1.0 µm
AWAV0LKM1	UPE	0.1 µm
AWAG0LKM1	UPE	0.2 µm
AWAH0LKM1	UPE	0.5 µm
AWAA0LKM1	UPE	1.0 µm

### FOR MORE INFORMATION

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