

Oil Vapour Removal Cartridges



In applications where compressed air is required to meet ISO8573-1 Class 0 or Class 1 air quality - Tiger Filtration's alternative to Parker domnick hunter's OVR Oil Vapour Removal Cartridges are a more economically viable and essential component of the compressed air treatment system.

TFL's alternative to the Parker dh models are designed to reduce oil vapour, whilst mitigating the issues of traditional loose filled carbon towers in the same way as the original counterpart. OVR cartridges provide an increased contact time due to specially designed air channelling within the cartridge - this ensures continued performance, combats against heavy attrition of the adsorbent material and avoids blockage of downstream filters.

Tiger Filtration's alternative OVR cartridges are manufactured using a "snow storm" filling technique which ensures an additional 12% carbon granules can settle within the construction. The use of cartridges also provides trouble free maintenance, reducing system downtime.

The TFL alternative OVR cartridge series ensures consistent outlet air quality over 12 months of continuous operation.

Features & Benefits:

- ✓ **Built with simplicity in mind:** Our OVR cartridges are designed to ensure clean & effortless change-outs, resulting in minimum downtime.
- ✓ **Effortlessly Interchangeable:** Built to replace the original OVR series; at a sensible price.
- ✓ **Short Lead Time:** Our OVR cartridges are manufactured and despatched within 3-4 working days.

To fit OVR Housing	Domnick Hunter (PDH) Part	TFL Part Number	Quantity Per Housing
OVR100E	100OVR	DH100OVR	1
OVR150H	100OVR	DH100OVR	2
OVR200H	100OVR	DH100OVR	4
OVR250J	100OVR	DH100OVR	*
OVR300H	300OVR	DH300OVR	*

* for multi-bank versions of this housing, please ensure sufficient cartridges are ordered for your model.

Technical Data Quick Reference:		
Min. Operating Pressure	barg	1
	psig	15
Max. Operating Pressure	barg	16
	psig	232
Min. Operating Temperature	°C	2
	°F	35
Max. Operating Temperature	°C	50
	°F	122
Max. Oil Carryover**	mg/m ³	0.003
	ppm(w)	0.003

** under conditions stated in ISO 8573-5:2001, inlet concentration = 0.5mg/m³

Materials of Construction:	
Cartridge Walls	Aluminium
Carbon Retention Pads	Polyester Nonwoven
Carbon Retention Grids	Stainless Steel Mesh and Plate
Filtration Medium	Highly Activated Carbon Granules
End Caps	Glass Filled Nylon (30%)
End Cap Bonding	Aluminium rivets with nylon washer
'O' Rings	Nitrile as a standard