



domnick hunter

OIL-X Activated Carbon Purifiers

Removes oil vapour and odours from compressed air and gases to better than 0.003mg/m³.

Air quality to ISO 8573.1: Class 1 (OIL)

domnick hunter OIL-X AC Purifiers are cost effective, efficient and compact products for use where only compressed air or gases of the highest quality are acceptable. Such critical applications for OIL-X AC Purifiers include:

- **Food and Beverage Industries**
- **Hospitals**
- **Breathing Air Systems**
- **Electronics Industry**
- **Instrumentation**
- **Protection of Catalyst Beds**
- **Film Processing**

domnick hunter OIL-X AC purifiers are specifically designed for use where either a very long service life is required or where unusually high concentrations of oil vapour and odours exist and need to be removed.

Benefits:

- **Modern, Lightweight, Non-Welded Construction**
- **Corrosion Protection by Alocroming and Dry Powder Epoxy Painting**
- **Extruded Aluminium Construction tested to comply with ASME VIII and TUV approved requirements**
- **Long Service Life**
- **Easy Maintenance**
- **Refillable**



**AC PURIFIERS WILL NOT REMOVE METHANE,
CARBON DIOXIDE OR CARBON MONOXIDE.**

Technical Specifications

Maximum Operating Pressure:

13 bar g (189 psi g)

Maximum Recommended Operating Temperature

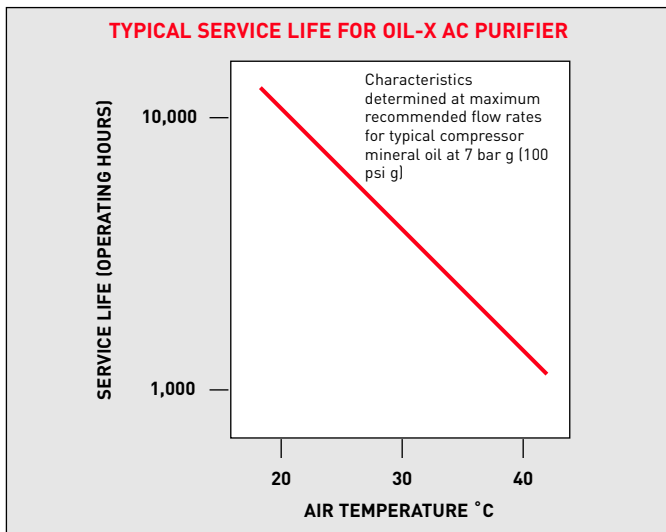
(for 12 month service life): 30°C (86°F)

Minimum Recommended Operating Temperature:

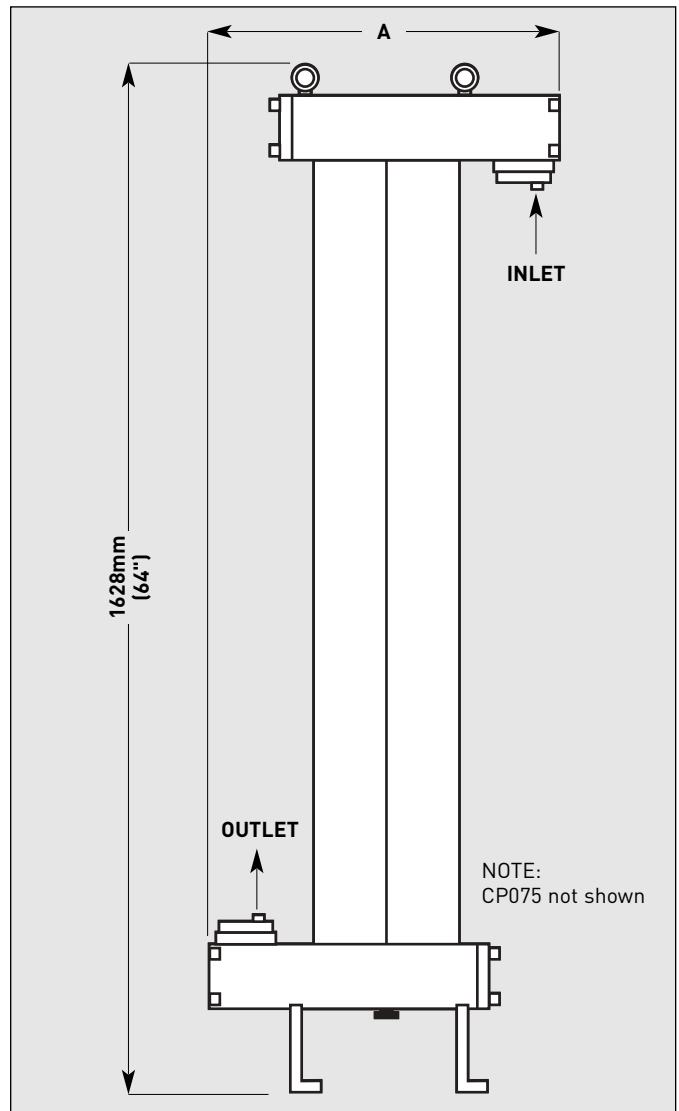
1.5°C (35°F)

Operating Pressure Differential: 200 m bar

Service Life: 12 months (8000 hours) at operating temperature of 30°C (86°F) 2000 hours at operating temperature of 45°C (113°F).



Service life is based upon unit being protected by suitably sized domnick hunter OIL-Xplus grade AO and AA filtration.



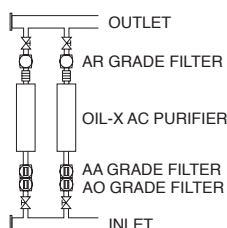
Model	Inlet Outlet Connection	FLOWRATE		Dimension A mm (ins)	No. of Columns	Weight Kg (lbs)	Recommended Inlet Filter(s)	Recommended Outlet Filter	Filter Connection BSPP
		NL/s @ 7 bar g	scfm @ 100 psi g						
CP075†	1½"	75	160	340 (13.4")	1	40 (88)	AO/AA-0125G	AR-0125G	G1½
CP150	2"	150	320	521 (20.5")	2	94 (207)	AO/AA-0220G	AR-0220G	G2
CP225	2"	225	480	628 (24.7")	3*	140 (308)	AO/AA-0330G	AR-0330G	G2
CP300	2"	300	640	734 (28.9")	4*	188 (414)	AO/AA-0330G	AR-0330G	G2
CP375	2½"	375	800	841(33.1")	5*	235 (517)	AO/AA-0405G	AR-0405G	G2½

NOTE: CP075 not shown

For flowrates at line pressures other than 7 bar g (100 psi g) use the correction factor shown (required flowrate = correction factor x stated flowrate at 7 bar g (100 psi g)).

*The AC Purifier's unique modular construction allows for higher flow rates or longer service life to be catered for simply by using additional banks joined side by side. During installation, allow at least 300mm between each bank for servicing.

Line Pressure	bar g	1	3	5	7	9	11	13
	psi g	15	44	73	102	131	160	189
Correction Factor		0.25	0.5	0.75	1	1.25	1.50	1.75



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