



Graver Technologies

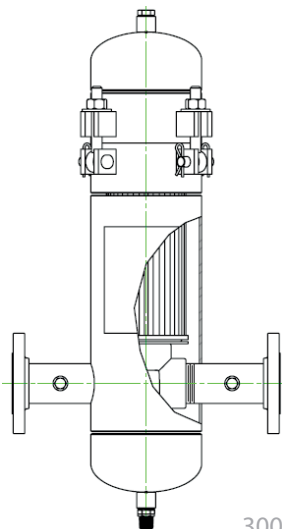
FILTRATION | SEPARATION | PURIFICATION

OXYGEN GAS FILTERS FOR OZONE GENERATION & OTHER APPLICATIONS

Industry Leading Quality

Graver is dedicated to continuous improvement to provide customers with superior quality products. Graver is in compliance with a number of applicable registrations and certifications to ensure we develop and manufacture products to meet the most rigorous global standards, and ultimately help our customers mitigate safety risks.

- ISO 9001:2015
- ASME Section VIII, Division I
- PED 2014/68/EU
- Canadian Registration
- AS1210 Australian Registration



Leader in Industrial Gas Filtration

Graver Technologies, a Berkshire Hathaway company, has been designing and manufacturing superior filtration, separation, and purification solutions for more than 100 years. Graver Technologies Industrial Filtration offers a vast array of filtration products that can address a wide range of process filtration applications. Our filters can be found protecting all types of rotating equipment, including vacuum pumps, turbines, meters, and compressors.

When our standard filters don't meet the full expectation of our customers, our engineering team can provide designs that meets the most stringent customer specifications. Whether the application calls for a special paint process, the addition of ancillary devices or NDE requirements, we are ready to support your projects with superior quality and short delivery lead time.

Application: Oxygen Gas Filters for Ozone Generation & Other Applications

Ozone, also known as trioxxygen, O₃, is composed of three oxygen atoms. Ozone is over 50% stronger than chlorine in terms of oxidation, and is one of the most powerful tools for municipal, industrial, and commercial water treatment.

However, ozone gas is naturally unstable at normal atmospheric conditions and normally generated on-site (at point of use) using an ozone generator. High efficiency oxygen filters must be used upstream of ozone generators to purify the oxygen gas feed.

Graver Technologies has extensive experience and is very knowledgeable of designing and manufacturing ASME code stamped 316 stainless steel YCP series oxygen service filters, with full range of sizes offering from 0.5 inch connection size all the way to 12 inches. Graver has been working with industry leading ozone generator manufactures for decades, with hundreds of successful installations around the world.

OXYGEN GAS FILTERS



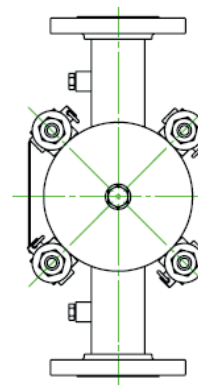
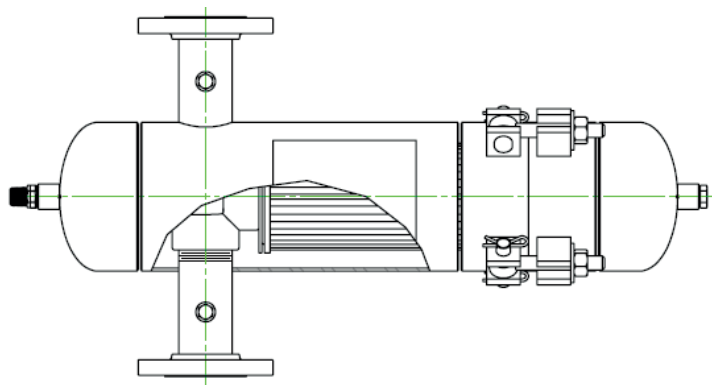
NATURAL GAS FILTERS | GRAVER TECHNOLOGIES | 1-800-321-4789 | GRAVERTECH.COM

YCP-001

Oxygen Gas Filters - Standard Product Offerings

* Custom Designs Available

Product Name	Closure Type	OD (in)	Height (in)	Connection Size & Type	FxF Dist. (in)	Design Pressure	Design Temperature
YCP-110-005-FT/0204-N	Swing Bolt	4.5	22	0.5" FPT	10	150 PSIG	-150 F to 150 F
YCP-110-007-FL/1018-U	Swing Bolt	4.5	23	0.75" - 150# RFSO Flange	14	150 PSIG	-150 F to 150 F
YCP-110-007-FT/1297-U	Swing Bolt	4.5	23	0.75" FPT	14	150 PSIG	-150 F to 150 F
YCP-110-010-FL/0206-U	Swing Bolt	4.5	23	1" - 150# RFSO Flange	14	150 PSIG	-150 F to 150 F
YCP-110-010-FT/1268-U	Swing Bolt	4.5	23	1" FPT	15	150 PSIG	-150 F to 150 F
YCP-110-010-MT/0200-U	Swing Bolt	4.5	23	1" MPT	10	150 PSIG	-150 F to 150 F
YCP-120-015-MT/1348-U	Swing Bolt	6.625	28	1.5" MPT	13.5	150 PSIG	-150 F to 150 F
YCP-120-020-FL/0207-U	Swing Bolt	6.625	28	2" - 150# RFSO Flange	16	150 PSIG	-150 F to 150 F
YCP-120-020-FL/0777-U	Swing Bolt	6.625	28	2" - 150# RFSO Flange	16	150 PSIG	-150 F to 150 F
YCP-130-020-FL/0202-U	Swing Bolt	8.625	34	2" - 150# RFSO Flange	18	100 PSIG	-150 F to 150 F
YCP-130-020-FL/0203-U	Swing Bolt	8.625	34	2" - 150# RFSO Flange	18	150 PSIG	-20 F to 200 F
YCP-130-020-FL/0778-U	Swing Bolt	8.625	34	2" - 150# RFSO Flange	18	150 PSIG	-150 F to 150 F
YCP-130-020-MT/0956-U	Swing Bolt	8.625	34	2" MPT	18	150 PSIG	-150 F to 150 F
YCP-140-030-FL/0206-U	Swing Bolt	8.625	37	3" - 150# RFSO Flange	18	150 PSIG	-150 F to 150 F
YCP-140-030-FL/1125-U	Swing Bolt	8.625	37	3" - 150# RFSO Flange	18	150 PSIG	-150 F to 150 F
YCP-150-040-FL/0209-U	Swing Bolt	10.75	40	4" - 150# RFSO Flange	20	150 PSIG	-150 F to 150 F
YCP-150-040-FL/0216-U	Swing Bolt	10.75	40	4" - 150# RFSO Flange	20	150 PSIG	-20 F to 150 F
YCP-160-060-FL/0208-U	Swing Bolt	12.75	64 (w/ legs)	6" - 150# RFSO Flange	22.75	150 PSIG	-20 F to 150 F
YCPH-110-010-FL/0203-U	Flanged	4.5	30 (w/ legs)	1" - 150# RFSO Flange	14	200 PSIG	-150 F to 150 F
YCPHH-110-010-FL/1557-U	Flanged	4.5	18	1" - 300# RFSO Flange	14	300 PSIG	-20 F to 200 F



Made with Pride in the USA