

FICHA TÉCNICA

INGENIERÍA DE INCENDIOS

EXTINTORES

1200 lb Clean Agent Cylinder

DESCRIPTION

The OCI 91290-E 1200 ib Cylinder is filled in one pound increments from a minimum of 519 lbs to a maximum of 1211 lbs, to meet the exact amount of agent required. The cylinder is then super pressurized with dry nitrogen to 360 psig at 70°F to provide extinguishment in 10 seconds or less. The 4° Stainless Steel valve has excellent flow characteristics allowing long pipe runs and greater area coverage. This is the largest discharge cylinder currently manufactured and designed for very large applications. Use ORIENT design authors version OCI 3.10. The 1200 lb Cylinder is manufactured, tested and stamped in accordance with DOT 4BW500.

Temperature Limits: 32°F (-17°C) to 130°F (54.4°C) System Operating Pressure: 360° PSI at 70F (25.3 kg/cm² at 21°C)

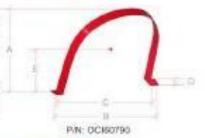
The cylinder is equipped with a 4" stainless steel back pressure type valve and a 4" victaulic male outlet. A piston in the valve bone is equipped with a rubber seal that keeps the Clean Agent under pressure within the cylinder. A small hole in the piston allows cylinder pressure to equalize on both sides of the piston. Since the area at the top of the piston is greater than the area at the bottom of the piston, the net force seals the piston against the valve discharge outlet. When the cylinder pressure on the top of the piston is relieved by means of automatic or manual activation, there is only cylinder pressure acting against the piston seal, and the piston slides to it's full open position, allowing cylinder discharge through the distribution piping network.

Attached to the bottom of the cylinder valve is a siphon tube. The siphon tube is straight, allowing the cylinder installation to be vertically upright only (valve on top). A single cylinder installation will use a top plug or a top plug adapter. The electric solenoid used may be a 24 volt 15 watt (OCI 50025-2) or a 12 volt 15 watt (OCI 50025-1).

On the cylinder valve is a 1/8" pipe outlet stamped "P". This outlet transmits cylinder pressure to an optional low pressure supervisory switch, which when used, supervise the internal cylinder pressure. The cylinder is equipped with a 360 psi pressure gauge for quick visual INSPECTION. An optional liquid level indicator is available and is highly recommended for easy maintenance.

Another 1/8" N.P.T. pipe outlet on the cylinder valve stamped "M" is available for use as a pressure source to drive the piston actuator slave control heads on a multiple cylinder system or to actuate a pressure operated switch. In multiple cylinder installations, a maximum of (6) 1200 lb. slave cylinders can be utilized by using the combination 4" stainless steel flex hose and check valve (Part # OCI 91231) when use with manifold.





CC(01250-E	1200 12	1211 18	179 (4)	4"356ya	30.00	20-H5/H6	69-1/16"	
Cylinder Bra	cket							
the cylinders gauge steel w the installer. T withstand a lo	with flanger off corrosion The cylinder and up to 5 ti I the weight	manufactured on resistant paint bracket must be mes the cylinder of the cylinder	continuous : or galvanized e secured to a or weight. This	slot metal fr . The chann a surface the precaution	aming of el is to be al the bra is to have	nannel of 12 supplied by cket will e the bracket	D 2 3	C U

Part Number	Diemeter	A		C C	D	
- OCHOTSO	30.001	29.125	32 250	31,2501	1.375	14,00"
OC80772	30.00*	4.5920"	10.900	9.500	1.375	NIA

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