DATA SHEET

TECHNICAL SPECIFICATIONS

U.S. ARMY P/N: 19207ASSY12314494-1 (5 LBS. AGENT) 19207ASSY12314494-2 (7 LBS. AGENT) 19207ASSY12314494-3 (10 LBS. AGENT)

SPECIFICATION: 19207-ATPD 2071 Edition 6, REV. A AND MIL-V-62547A (AT)

3000 PSI

TEST PRESSURE: SAFETY BURST: **EXTINGUISHING** AGENT:

2650 TO 3000 PSI **HALON 1301**

OPERATING

PRESSURE: **PRESSURE GAUGE:** LOW PRESSURE SWITCH: **FLOW SWITCH:**

750 PSI @ 70F 0 TO 1500 PSI **OPERATES AT 340 PSI** NOMINAL **OPERATES WITHIN 5 MS**

SOLENOID DC **RESISTANCE: OPERATING** VOLTAGE: **OPERATING** PULSE:

DISCHARGE TIME

FROM ELECTRIC ACTIVATION (LIQUID OUT):

MANUAL **ACTIVATION: PULL FORCE:**

OUTPUT PORT:

WEIGHT:

AFTER FLOW

0.9 OHMS

18 TO 30 VDC 30 MS

-1 (5 LBS.) 135 MS, - 2 (7 LBS.) 190 MS, -3 (10 LBS.) 270 MS

0.25 in. Stroke 15 TO 25 LBS. FOR MANUAL ACUATION MS33649-24

FILL VALVE: MS28889-2

-1 (5 LBS.) 17.3 LBS., -2 (7 LBS.) 21.7 LBS., -3 (10 LBS.) 28.0 LBS.

FIRE EXTINGUISHER



DESCRIPTION

The extinguishers are activated by a fast, solenoid-operated pilot valve in combination with a pressure released, large diameter plug seal. This method of activation greatly reduces valve seat pressures and eliminates leakage. The extinguishers may be recharged after activation without rebuilding the valve or replacing any parts. After activation of the units and agent discharge, valve closure takes place, eliminating internal contamination of the valve and cylinder. Activation can be by electrical pulse or manual operation of the pull lever. Low Pressure and Agent Flow sensing allow remote status monitoring. The units are fitted with a temperature coordinated gauge, eliminating the need for calculations or tables when determining pressure over wide temperature ranges. The units have been tested and proven during rough terrain tests of military tracked vehicles, and have been successfully operated through a long series of ballistic firing tests.

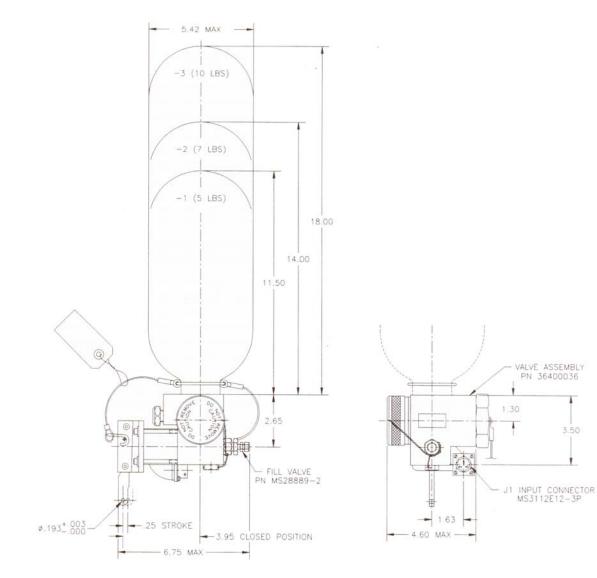


VALVE ASSEMBLY PN 36400036

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OUTLINE DETAILS

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