

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)
TEST PRESSURE:	3000 PSI
SAFETY BURST:	2650 TO 3000 PSI
EXTINGUISHING AGENT:	HALON 1301
OPERATING PRESSURE:	750 PSI @ 70F
PRESSURE GAUGE:	0 TO 1500 PSI
LOW PRESSURE SWITCH:	OPERATES AT 340 PSI NOMINAL
FLOW SWITCH:	OPERATES WITHIN 5 MS AFTER FLOW
SOLENOID DC RESISTANCE:	0.9 OHMS
OPERATING VOLTAGE:	18 TO 30 VDC
OPERATING PULSE:	30 MS
DISCHARGE TIME FROM ELECTRIC ACTIVATION (LIQUID OUT):	-1 (5 LBS.) 135 MS, - 2 (7 LBS.) 190 MS, -3 (10 LBS.) 270 MS
MANUAL ACTIVATION:	0.25 in. Stroke
PULL FORCE:	15 TO 25 LBS. FOR MANUAL ACUATION
OUTPUT PORT:	MS33649-24
FILL VALVE:	MS28889-2
WEIGHT:	-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.

OUTLINE DETAILS

