



PRE-MIXED FOAM STATIONS

DESCRIPTION

Burner Pre-Mixed Foam Stations are totally self-contained and require no outside water or power source. These stations address limitations experienced with traditional foam proportioners, around-the-pump systems, foam monitors, applicators, and foam concentrate storage tanks. Units are offered with LOP (Loss of Pressure) actuation system and can be configured for manual or automatic discharge.

APPLICATION

Burner Pre-Mixed Foam Stations provide large capacity rapid response flame attack for Class B fires consisting of flammable liquid spills. The foam acts as a blanket source to smother and cool pooling hydrocarbon liquid while additionally acting as a vapor suppressant to aid in preventing re-ignition of the hazard area. Common high hazard risk areas include:

- Oil Tankers
- Aircraft Hangars
- Fuel Storage Tanks
- Pumping Stations
- Heliports and Helidecks
- Flammable Liquid Storage and Transport
- Fracking Sites

COMPONENTS

Burner Pre-Mixed Foam Stations are self-contained consisting of a carbon steel agent tank assembly designed and constructed in accordance to the latest ASME Section VIII, Div. 1 unfired pressure vessel code. Agent tank is equipped with a 4" fill cap, mechanical pressure safety valve, and internally lined with an epoxy finish. The carrier and expellant agent shall be nitrogen and cylinders shall be of DOT or ISO standard. Nitrogen cylinder storage racks are an integrated part of the station and mounted in vertical position. Complete units are constructed with materials suitable for marine environments. Exterior corrosion resistant coatings applied enables a long lifespan. Complete units are constructed with materials suitable for marine environments. Components are broken down to individual units prior to application of the corrosion resistant paint finish to ensure all surfaces receive the maximum protection possible. Systems are assembled with corrosion resistant hardware and fittings. Skid Welding shall be in accordance with AWS D.1.1 Structural Welding Code, Latest Edition.

AFFF SPECIFICATIONS

<u>MODEL</u>	<u>AF-AFFF-150</u>	<u>AF-AFFF-150-1HR</u>	<u>AF-AFFF-300</u>	<u>AF-AFFF-300-1HR</u>	<u>AF-AFFF-500</u>
CAPACITY	150	150	300	300	500
WEIGHT (LB.)	1194	1450	1894	2150	3260
DEPTH (IN.)	43	43	54	54	62
WIDTH (IN.)	28.313	49	37	58	48
HEIGHT (IN.)	77	77	86.5	86.5	106.5
DISCHARGE RANGE IN (FT.)	50/70	50/70	50/70	50/70	50/70
ASME VESSEL DESIGN INFORMATION	MAWP 250 PSI @450F, MDMT -20F @ 250 PSI	MAWP 250 PSI @450F, MDMT -20F @ 250 PSI	MAWP 250 PSI @450F, MDMT -20F @ 250 PSI	MAWP 250 PSI @450F, MDMT -20F @ 250 PSI	MAWP 250 PSI @450F, MDMT -20F @ 250 PSI
TEMP (F)	+32 to 120°	+32 to 120°	+32 to 120°	+32 to 120°	+32 to 120°
HOSE LENGTH	OPTIONAL	100	OPTIONAL	100	OPTIONAL
REELS	OPTIONAL	1	OPTIONAL	1	OPTIONAL
DIAMETER	2	2	2	2	2
OUTLETS	1	1	2	1	2
RATE (GPM)	60	60	120	60	120
CYLINDER	(1) 300 CF	(1) 300 CF	(2) 300 CF	(1) 300 CF	(4) 300 CF
RELIEF	250 PSI	250 PSI	250 PSI	250 PSI	250 PSI
FILL OPENING (IN.)	4.5" VENTED W/ O-RING	4.5" VENTED W/ O-RING	4.5" VENTED W/ O-RING	4.5" VENTED W/ O-RING	4.5" VENTED W/ O-RING
MATERIAL	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel
AGENT VESSEL MATERIAL	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel
AGENT VESSEL THICKNESS (IN.)	3/8"	3/8"	3/8"	3/8"	1/2"
AGENT VESSEL CONSTRUCTION	ASME	ASME	ASME	ASME	ASME
AGENT VESSEL LINING	EPOXY	EPOXY	EPOXY	EPOXY	EPOXY



BURNER

WWW.BURNERFIRE.COM

337-237-4547

AFFF UNITS



150 GALLON AFFF UNIT

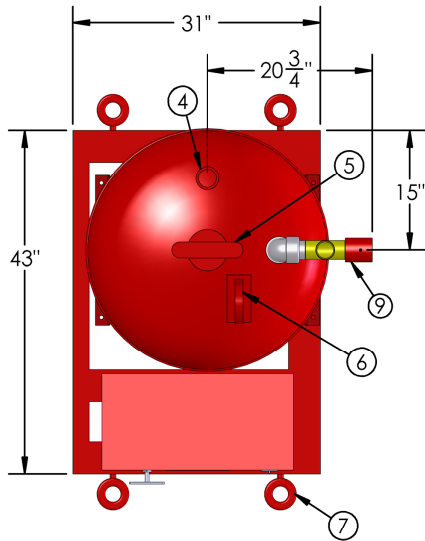


AMERICAN
FIRE
EQUIPMENT MFG. CO.
LAFAYETTE, LA.

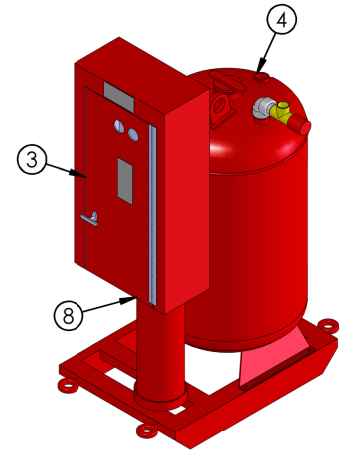
AFFF 150 GALLON

TO OPERATE
OPEN DOOR ON UNIT AND TURN
THE MASTER CONTROL VALVE
COUNTER CLOCKWISE TO OPEN
POSITION.

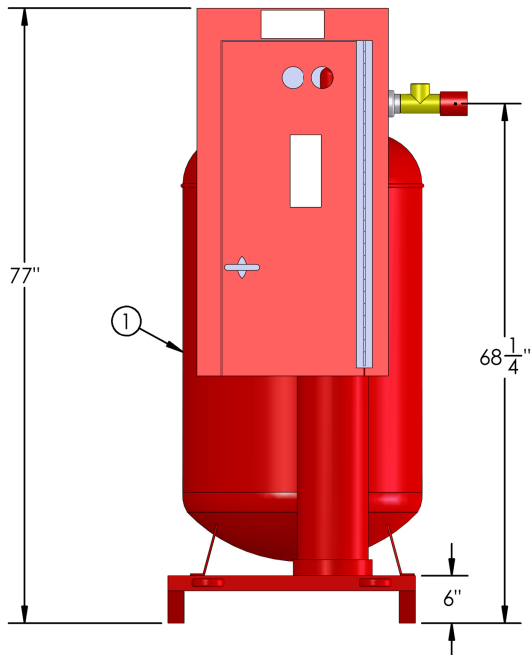
1-800-864-4073
BURNER
FIRE CONTROL
www.burnerfire.com



TOP VIEW



ISOMETRIC VIEW



FRONT VIEW

150 GALLON AFFF UNIT
BURNER MODEL AF-AFFF-150

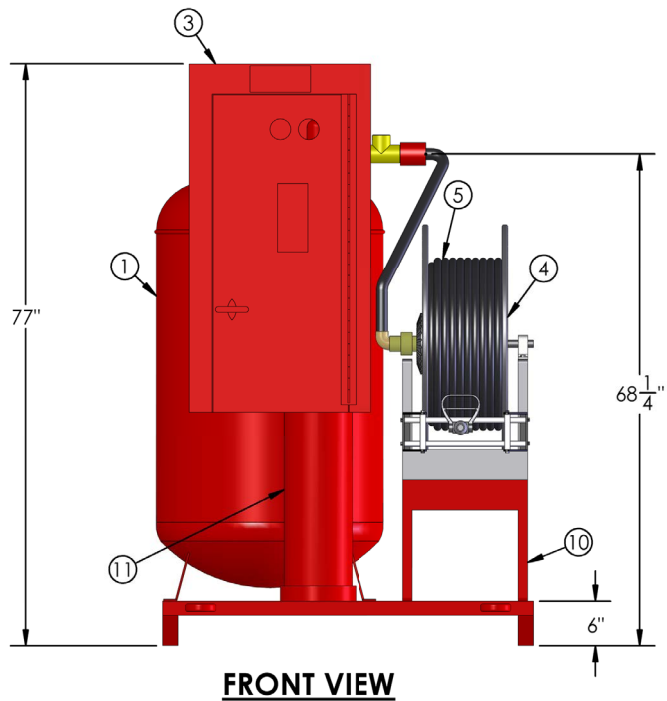
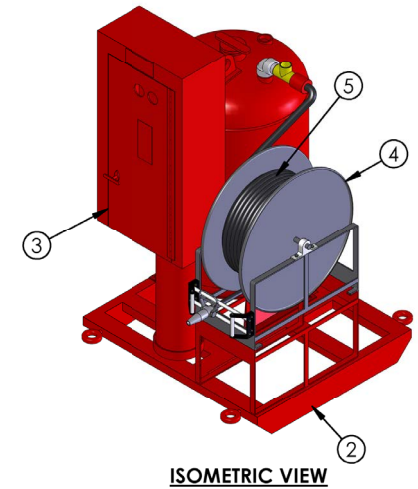
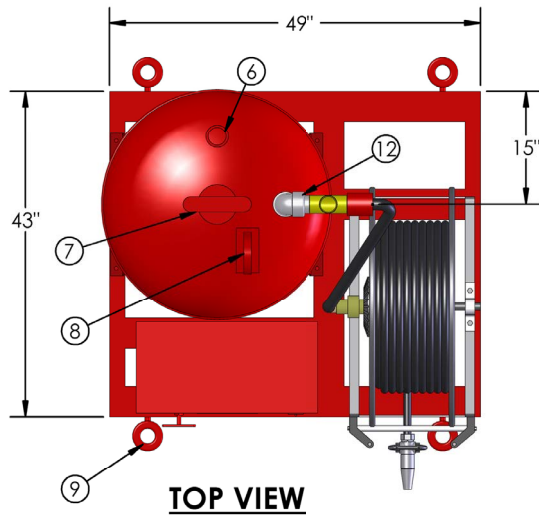
EMPTY WEIGHT - 1,194 lbs.

FULL WEIGHT - 2,440 lbs.

ITEM NO.	UNIT DESCRIPTION
1	A.S.M.E. CODE CONTAINER - 30" O.D.
2	UNIT SKID
3	UNIT CABINET
4	SAFETY POP-OFF 250 PSI
5	4" FILLER CAP
6	LIFTING EYELET
7	TOW EYELET
8	300 CU. FT. NITROGEN CYLINDER
9	2" DISCHARGE

150 GALLON AFFF UNIT WITH HOSE REEL





150 GALLON AFFF UNIT WITH HOSE REEL

BURNER MODEL AF-AFF-150-1HR

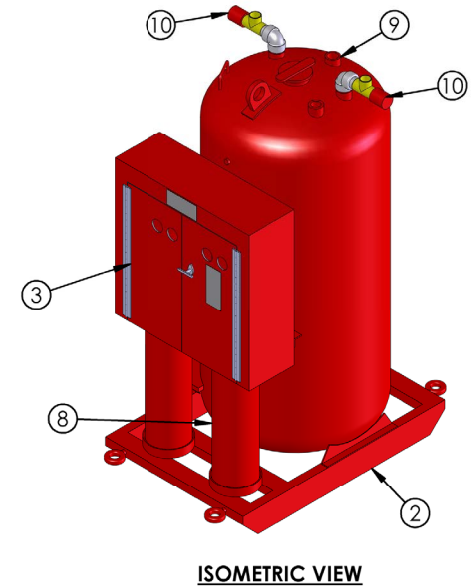
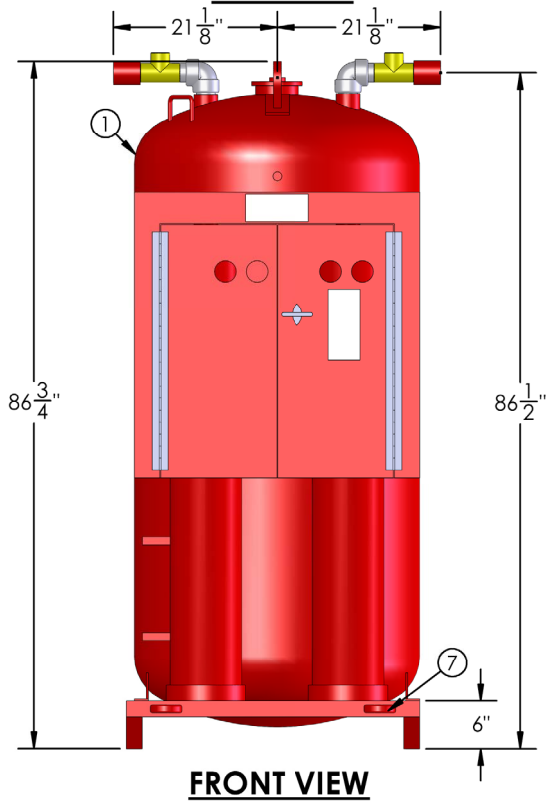
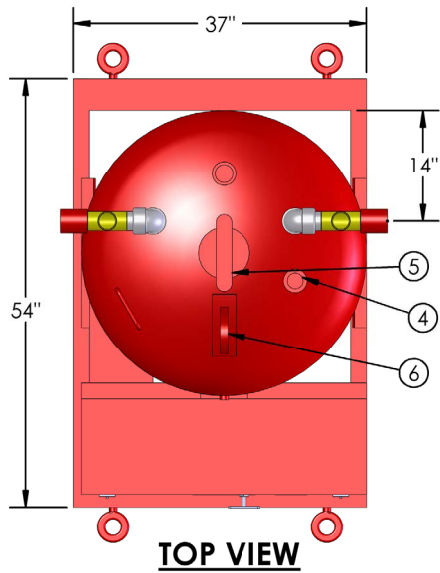
EMPTY WEIGHT - 1,450 lbs

FULL WEIGHT - 2,695 lbs

ITEM NO.	UNIT DESCRIPTION
1	A.S.M.E. CODE CONTAINER - 30" O.D.
2	UNIT SKID
3	UNIT CABINET
4	HOSE REEL ASSEMBLY
5	100 FT. SECTION 1" I.D. HOSE WITH SHUTOFF & TIP
6	SAFETY POP-OFF 250 PSI
7	4" FILLER CAP
8	LIFTING EYELET
9	TOW EYELET
10	ELEVATED HOSE REEL STAND
11	300 CU. FT. NITROGEN CYLINDER
12	2" DISCHARGE

300 GALLON AFFF UNIT





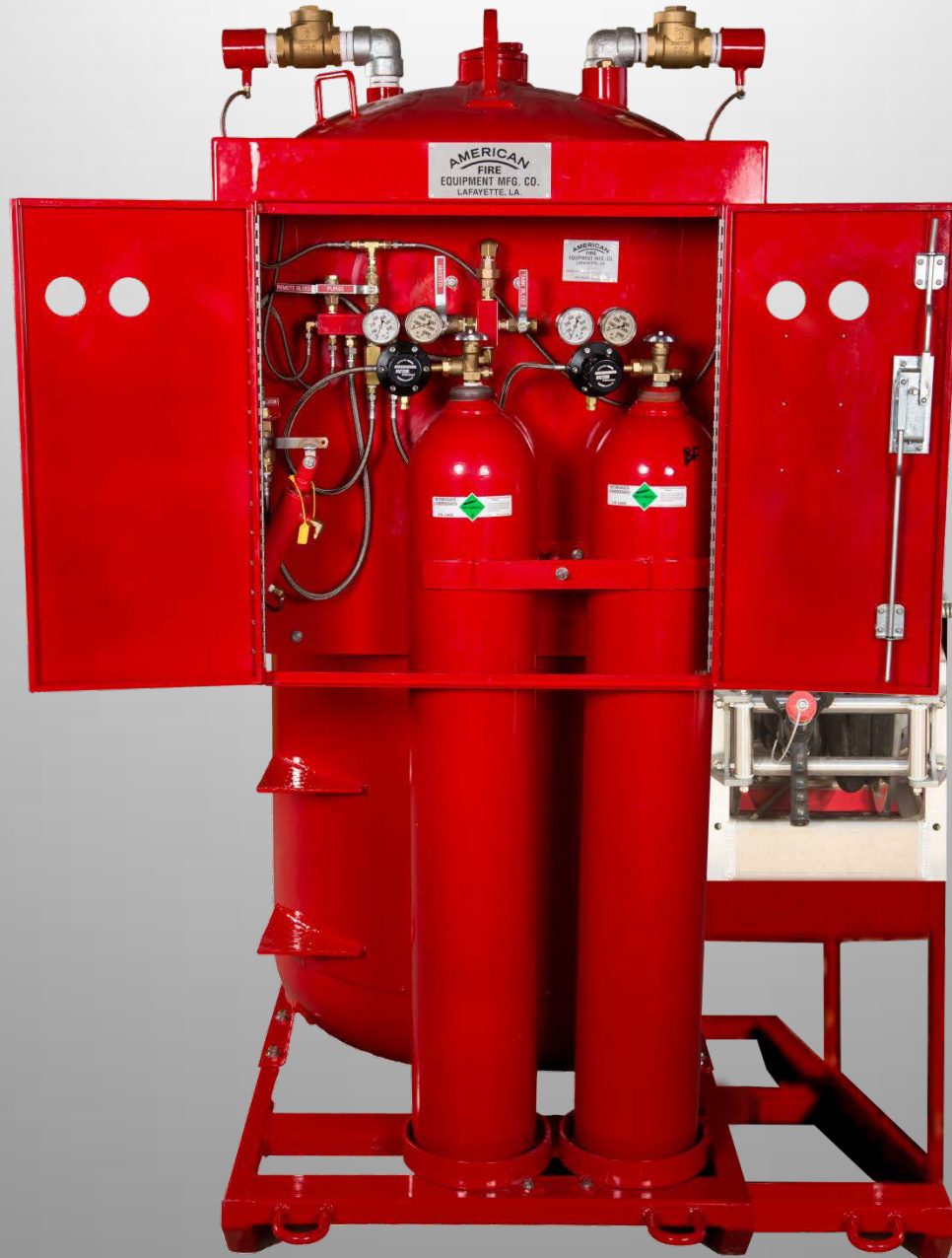
300 GALLON AFFF UNIT
BURNER MODEL AF-AFF-300

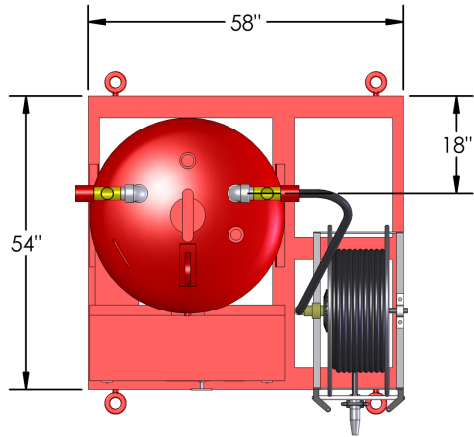
EMPTY WEIGHT - 1,894 lbs

FULL WEIGHT - 4,393 lbs

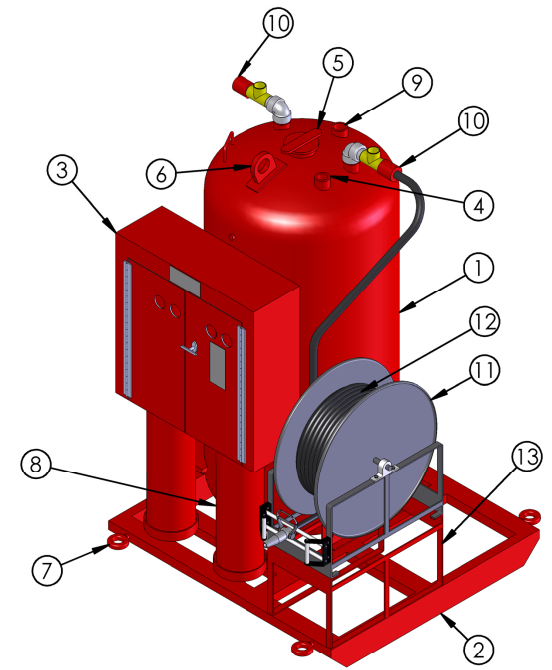
ITEM NO.	UNIT DESCRIPTION
1	A.S.M.E. CODE CONTAINER - 36" O.D.
2	UNIT SKID
3	UNIT CABINET
4	SAFETY POP-OFF 250 PSI
5	4" FILLER CAP
6	LIFTING EYELET
7	TOW EYELET
8	300 CU. FT. NITROGEN CYLINDER
9	3" DISCHARGE - OPTIONAL
10	2" DISCHARGE

300 GALLON AFFF UNIT WITH HOSE REEL

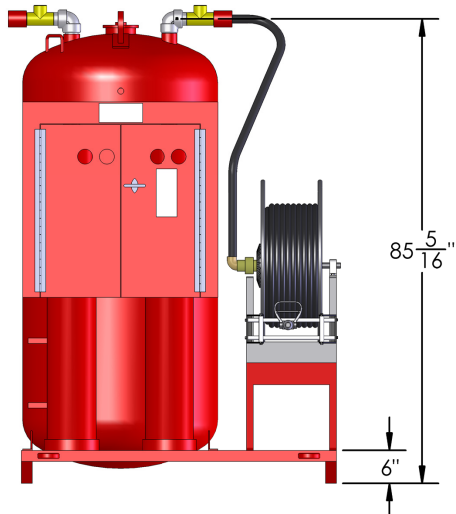




TOP VIEW



ISOMETRIC VIEW



FRONT VIEW

300 GALLON AFF UNIT WITH HOSE REEL

BURNER MODEL AF-AFF-300-1HR

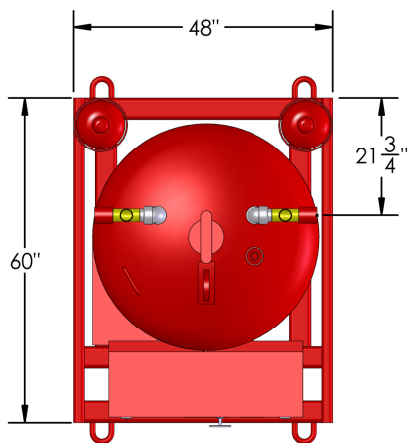
EMPTY WEIGHT - 2,150 lbs

FULL WEIGHT - 4,649 lbs

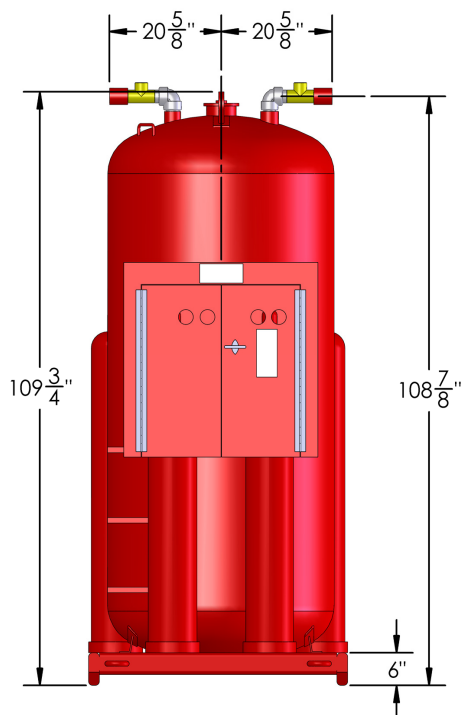
ITEM NO.	UNIT DESCRIPTION
1	A.S.M.E. CODE CONTAINER - 36" O.D.
2	UNIT SKID
3	UNIT CABINET
4	SAFETY POP-OFF 250 PSI
5	4" FILLER CAP
6	LIFTING EYELET
7	TOW EYELET
8	300 CU. FT. NITROGEN CYLINDER
9	3" DISCHARGE - OPTIONAL
10	2" DISCHARGE
11	HOSE REEL ASSEMBLY
12	100 FT. SECTION 1" I.D. HOSE WITH SHUTOFF & TIP
13	ELEVATED HOSE REEL STAND

500 GALLON AFFF UNIT

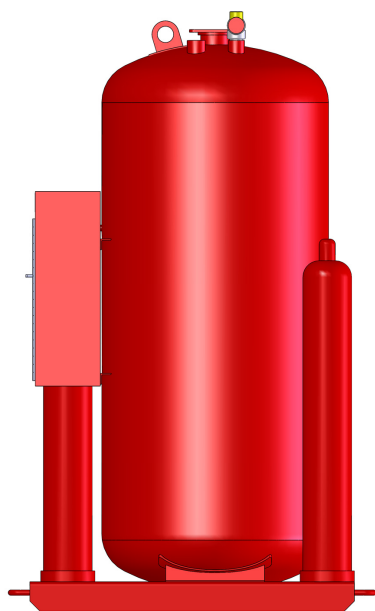




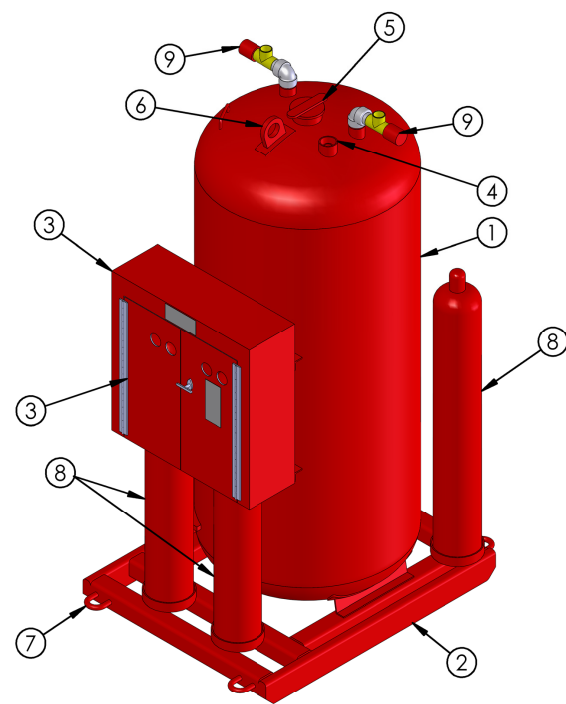
TOP VIEW



FRONT VIEW



SIDE VIEW



ISOMETRIC VIEW

500 GALLON AFFF UNIT
BURNER MODEL AF-AFF-500

EMPTY WEIGHT - 3,260 lbs

FULL WEIGHT - 7,425 lbs

ITEM NO.	UNIT DESCRIPTION
1	A.S.M.E. CODE CONTAINER - 42" O.D.
2	UNIT SKID
3	UNIT CABINET
4	SAFETY POP-OFF 250 PSI
5	4" FILLER CAP
6	LIFTING EYELET
7	TOW EYELET
8	300 CU. FT. NITROGEN CYLINDER
9	2" DISCHARGE