

### **Amerex Corporation**

Quality is Behind the Diamond®



**Skid Unit Catalog** 



### **Large Capacity Dry Chemical Skid Mounted Units**

### **Description:**

Amerex Dry Chemical Skid Units are designed and constructed for one-person operation and pre-pressurized ready for immediate discharge. Units incorporate a large capacity extinguisher cylinder and nitrogen back-up supply ready for instant actuation and maintain constant pressure during the discharge cycle. Chemical and pressure is sealed in the agent cylinder and is protected from moisture and contamination. The advanced expulsion system allows each hose reel to obtain chemical through independent discharge tubes affording a constant discharge rate on demand. A plurality of discharge tubes individually controlled allows for optional installations and isolated discharges when needed. With individual manually controlled discharge valves, either hose reel can be actuated without charging the hose reel not in use. Hose reels located in remote locations can be actuated independent of other remote reels and the remaining reels on the skid unit. All Units can accommodate manual operation or configured for automatic discharge. Units can be optionally completed with standard skid, piped installation or trailer mount.



### **Applications:**

Amerex Dry Chemical Skid Units provide large capacity fire fighting capabilities for extinguishment for Class B and C hazards. Common high hazard risk areas include:

- LNG Transport Vessels and Facilities
- Cargo Areas and Loading Stations
- Oil and Gas Production Facilities
- Aircraft Rescue and Hangar Facilities
- Fuel Storage Locations
- Marine Port Operations
- · Floating Production Storage Units
- Chemical, Textile, Plastics Manufacturing
- Paint and Solvent Areas
- Transformers



### **Pre-Pressurized / Nitrogen Cylinder Operated**

### **Components:**

Amerex Dry Chemical Skid Units 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 powder fluffing tube and mechanical pressure safety valve. 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 skid and mounted in horizontal position. Nitrogen cylinders are secured with welded clamps. Nitrogen cylinders are removable from the operating position of the unit adjacent to mounted controls. Complete units are constructed with materials suitable for marine environments. Exterior corrosion resistant coatings applied enables extended lifespan in extreme 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. Units are assembled with corrosion resistant hardware and fittings. Skid Welding shall be in accordance with AWS D.1.1 Structural Welding Code, Latest Edition. Optional protective guards can be optionally installed to protect the Units in areas affected by heat radiation or other operational or environmental hazards.

### **Specifications:**

### Amerex Dry Chemical Skid Units are available in seven configurations:

MODEL NO.	900	901	902	903	904	905	906
DRY CHEMICAL CAPACITY	350	500	1000	1500	2000	2500	3000
SHIPPING WT. (LBS.)	902	1300	3000	4056	5000	5750	6375
HEIGHT (IN.)	36.75	48	59.25	61.75	69.25	77.75	86
WIDTH (IN.)	41.875	41.875	57	63	63	63	63)
DEPTH (IN.)	45.25	45.25	69.25	72.75	73	72.75	72.75
DISCHARGE RANGE (FT.)	60-80	60-80	60-80	60-80	60-80	60-80	60-80
ASME VESSEL DESIGN INFORMATION	MAWP 250 PSI @ 450°F MDMT -20°F @ 250 PSI						
OPERATING TEMP. (°F)	-20 TO 120						
HOSE LENGTH EACH REEL (FT.)	100	100	100	100	100	100	100
NUMBER OF HOSE REELS	1	1	1	2	2	2	2
HOSE DIA. (IN.)	1	1	1	1	1	1	1
MAX FLOW RATE (LBS./SEC.) PER REEL	14	14	14	14	14	14	14
NITROGEN CYLINDER	(2) 110 CF	(2) 110 CF	(1) 300 CF	(2) 300 CF	(4) 300 CF	(4) 300 CF	(4) 300 CF
PRESSURE RELIEF	250 PSI PSV						
FILL OPENING	4.5" VENTED CAP W/ O-RING						
VESSEL MATERIAL	CARBON STEEL						
VESSEL THICKNESS (IN.)	1/4	1/4	3/8	3/8	1/2	1/2	1/2
VESSEL CONSTRUCTION	ASME						
SYSTEM HOSES	BRAIDED SS						
FITTINGS	BRASS						
PAINT FINISH	CR COAT						

NOTE: IF YOU HAVE A SPECIAL REQUIREMENT PLEASE CONTACT FACTORY

## 350 POUND DRY CHEMICAL UNIT

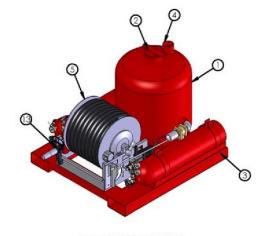




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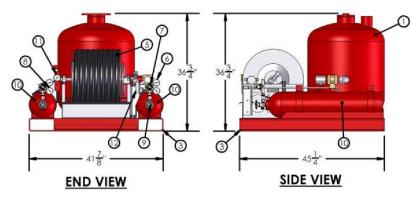






**ISOMETRIC VIEW** 

**ISOMETRIC VIEW** 



### AMEREX MODEL 900 350 lb Dry Chemical Unit

Empty Weight - 552 lbs. Full Weight - 902 lbs.

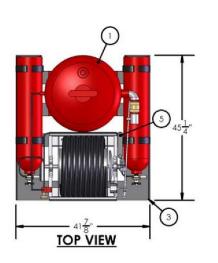
ITEM NO.	UNIT DESCRIPTION
1	A.S.M.E. CODE CYLINDER
2	4" FILL CAP
3	SKID ASSEMBLY
4	250 POP-OFF
5	HOSE REEL MANUAL REWIND W/ 100FT 1" HOSE
6	REGULATER PRESSURE GAUGE
7	NITROGEN REGULATOR
8	HIGH PRESSURE GAUGE
9	NITROGEN CYLINDER VALVE
10	NITROGEN CYLINDER
11	EXTINGUISHER PRESSURE GAUGE
12	MANUAL CONTROL VALVE
13	SHUT OFF

## 500 POUND DRY CHEMICAL UNIT

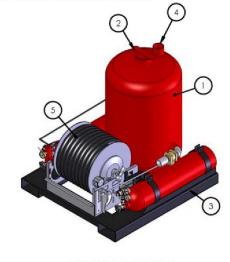




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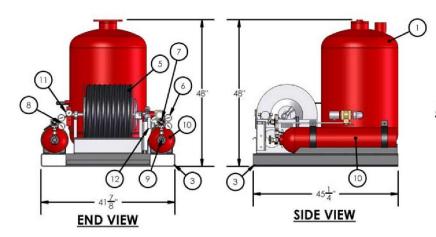






ISOMETRIC VIEW

**ISOMETRIC VIEW** 



### AMEREX MODEL 901 500 lbs Dry Chemical Unit

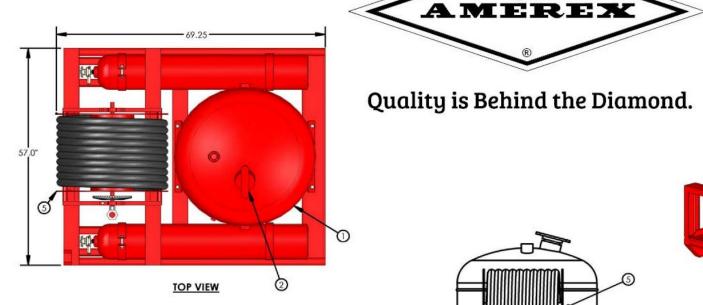
Empty Weight - 800 lbs.

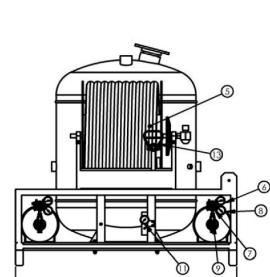
Full Weight - 1,300lbs.

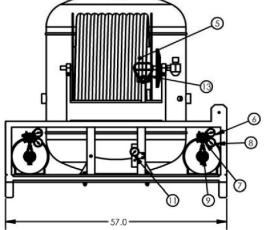
ITEM No.	UNIT DESCRIPTION
1	24" A.S.M.E. CODE CYLINDER
2	4" FILL CAP
3	2-110 CF EXPELLANT BOTTLESSKID ASSEMBLY
4	250 POP-OFF
5	HOSE REEL MANUAL REWIND W/ 100FT 1" HOSE
6	REGULATER PRESSURE GAUGE
7	NITROGEN REGULATOR
8	HIGH PRESSURE GAUGE
9	NITROGEN CYLINDER VALVE
10	NITROGEN CYLINDER
11	EXTINGUISHER PRESSURE GAUGE
12	MAUAL CONTROL VALVE
13	SHUT OFF

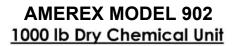
### 1000 POUND DRY CHEMICAL UNIT





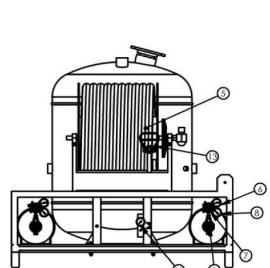






Empty Weight - 2,000 lbs.

Full Weight - 3,000 lbs.



ITEM NO. UNIT DESCRIPTION A.S.M.E. CODE CYLINDER 4" FILLER CAP SKID ASSEMBLY 250 POP-OFF HOSE REEL MANUAL REWIND W/ 100 FT 1" HOSE REGULATER PRESSURE GAUGE NITROGEN REGULATOR HIGH PRESSURE GAUGE NITROGEN CYLINDER VALVE NITROGEN CYLINDER EXTINGUISHER PRESSURE GAUGE MANUAL CONTROL VALVE SHUT OFF

ISOMETRIC VIEW

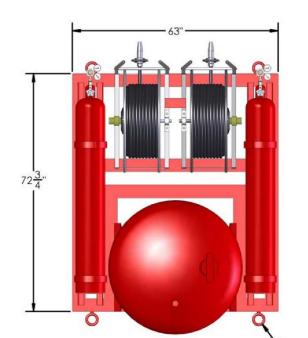
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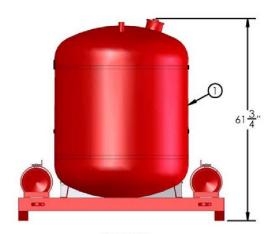
SIDE VIEW

(1)

## 1500 POUND DRY CHEMICAL UNIT



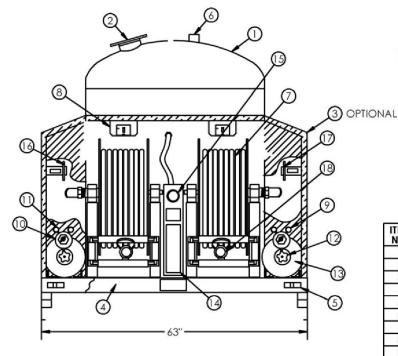


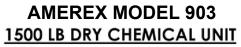


TOP VIEW



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EMPTY WEIGHT - 2,556

FULL WEIGHT - 4,056



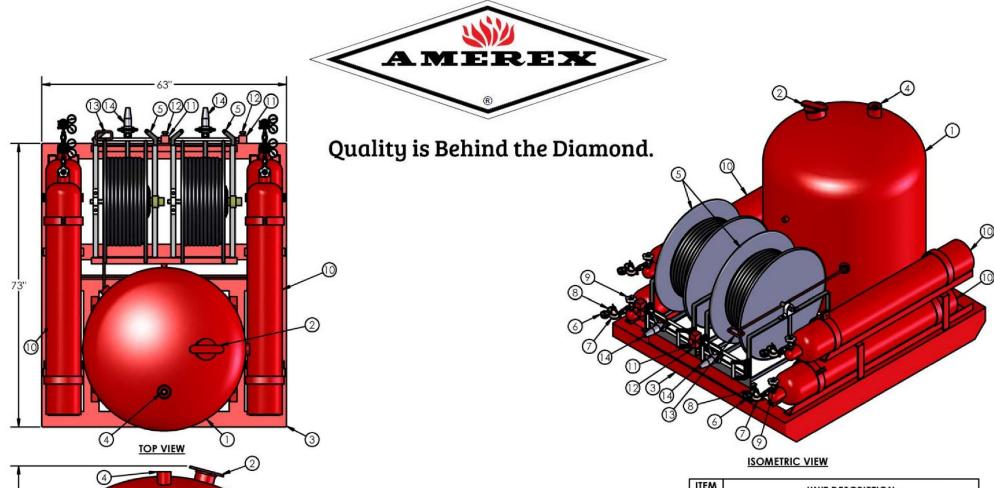
ISOMETRIC VIEW

ITEM NO.	UNIT DESCRIPTION
1	A.S.M.E. CODE CYLINDER
2	4" FILLER CAP
3	REMOVABLE COWLING - OPTIONAL
4	SKID ASSEMBLY
5	TIE DOWN EYELET
6	250 POP-OFF
7	HOSE REEL MANUAL REWIND W/ 100FT 1" HOSE
8	REMOTE BLEED VALVE
9	REGULATER PRESSURE GAUGE
10	NITROGEN REGULATOR
11	HIGH PRESSURE GAUGE
12	NITROGEN CYLINDER VALVE
13	NITROGEN CYLINDER
14	CONTROL CONSOLE
15	EXTINGUISHER PRESSURE GAUGE
16	MANUAL CONTROL VALVE-LEFT HOSE REEL
17	MANUAL CONTROL VALVE-RIGHT HOSE REEL
18	SHUT OFF

**END VIEW** 

### 2000 POUND DRY CHEMICAL UNIT





### AMEREX MODEL 904 2000 LB DRY CHEMICAL UNIT

EMPTY WEIGHT - 3,000 lbs FULL WEIGHT - 5,000 lbs

**END VIEW** 

NO.	UNIT DESCRIPTION
1	A.S.M.E. CODE CYLINDER - 42" O.D.
2	4" FILLER CAP
3	SKID ASSEMBLY
4	250 POP-OFF
5	HOSE REEL MANUAL REWIND W/ 100FT 1" HOSE
6	REGULATER PRESSURE GAUGE
7	NITROGEN REGULATOR
8	HIGH PRESSURE GAUGE
9	NITROGEN CYLINDER VALVE
10	NITROGEN CYLINDER
11	NITROGEN MANIFOLD
12	EXTINGUISHER PRESSURE GAUGE
13	MANUAL CONTROL VALVE HOSE REEL
14	SHUT OFF

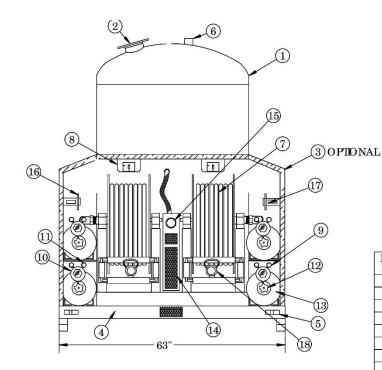
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## 2500 POUND DRY CHEMICAL UNIT



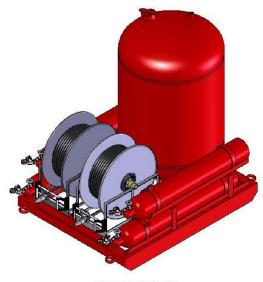


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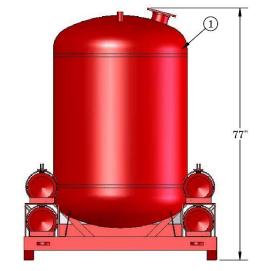




EMPTY WEIGHT- 3,250 lbs FULL WEIGHT- 5,750 lbs



ISOMEIRIC VIEW



TOPVIEW

72"

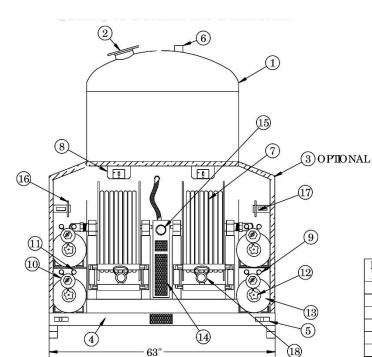
HEM UNITDESCRIPTION NO. A.S.M.E CODECYLINDER 4" FILLER CAP REMOVABLE COWLING - OPTIONAL SKID ASSEMBLY TIE DOWN EYELET 250 POP-OFF HO SE REEL MANUAL REWIND W/ 100FT1" HO SE REMOTE BLEED VALVE REGULATER PRESSURE GAUGE NTIROGEN REGULATOR HIGH PRESSURE GAUGE NIIROGEN CYLINDER VALVE NIIROGEN CYLINDER CONTROLCONSOLE EXTING UISHER PRESSURE GAUGE MANUALCONTROL VALVE LEFT HOSE REEL MANUAL CONTROL VALVE-RIGHTHOSE REFL 18 SHUTOFF

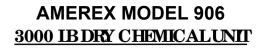
## 3000 POUND DRY CHEMICAL UNIT



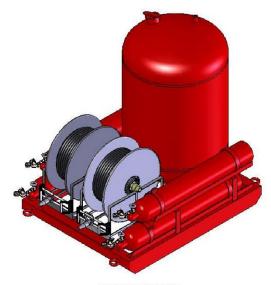


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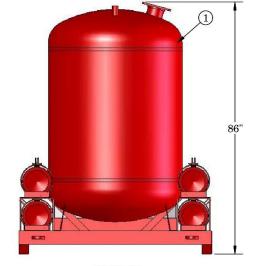




EMPTY WEIGHT- 3,375 lbs FULL WEIGHT- 6,375 lbs



ISOMEIRIC VIEW



TOPVIEW

72"

HEM UNITDESCRIPTION NO. A.S.M.E CODECYLINDER 4" FILLER CAP REMOVABLE COWLING - OPTIONAL SKID ASSEMBLY TIE DOWN EYELET 250 POP-OFF HO SE REEL MANUAL REWIND W/ 100FT1" HO SE REMOTE BLEED VALVE REGULATER PRESSURE GAUGE NTIROGEN REGULATOR HIGH PRESSURE GAUGE NIIROGEN CYLINDER VALVE NIIROGEN CYLINDER CONTROLCONSOLE EXTING UISHER PRESSURE GAUGE MANUAL CONTROL VALVE LEFT HOSE REEL MANUAL CONTROL VALVE RIGHTHOSE REEL 18 SHUTOFF



### **Large Capacity Twin-Agent Skid Mounted Units**

**Description:** 

Amerex Twin Agent Skid Units provide dual agent mitigation using dry chemical with the added fire response properties of an integrated foam unit proven to be one of the most effective tools in mitigating extreme risk areas with multiple hazards. Units are designed and constructed for one-person operation and pre-pressurized ready for immediate discharge. Units incorporate dual large capacity extinguisher cylinders and nitrogen back-up supply ready for instant actuation in emergency situations. Units can accommodate manual operation or configured for automatic discharge. Units can be optionally completed with standard skid or trailer mount.



### **Applications:**

- Flammable Liquid Storage and Transport
- Marine Port Operations
- Petrochemical Plants
- Mining Operations
- Aircraft Rescue and Hangar Facilities
- Heliports and Helidecks
- Industrial and Municipal Fire Brigades
- Military Fire Teams
- Oil and Gas Production Facilities
- LNG Bunkering Stations





### **Pre-Pressurized / Nitrogen Cylinder Operated**

**Components:** 

Amerex Twin Agent Skid Units are self-contained consisting of dual carbon steel agent tank assemblies designed and constructed in accordance to the latest ASME Section VIII, Div. 1 unfired pressure vessel code. Agent tanks are equipped with mechanical pressure safety valves. Dry Chemical tank will be charged with Amerex Purple-K potassium bicarbonate. Foam tank shall be internally lined with an epoxy finish and will accommodate pre-mixed foam or CAFS. 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 skid and mounted in horizontal position. Nitrogen cylinders are secured with welded clamps. Nitrogen cylinders are removable from the operating position of the unit adjacent to mounted controls. Complete units are constructed with materials suitable for marine environments. Exterior corrosion resistant coatings applied enables extended lifespan in extreme 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. Units are assembled with corrosion resistant hardware and fittings. Skid Welding shall be in accordance with AWS D.1.1 Structural Welding Code, Latest Edition.

### **Specifications:**

### Amerex Twin Agent Skid Units are available in six configurations:

MODEL NO.	920	921	922	923	924	925
DRY CHEMICAL CAPACITY (LBS.)	200	450	450	450	1000	3000
FOAM CAPACITY (GAL.)	80	100	150	200	150	200
SHIPPING WT. (LBS.)	1564	2445	2870	3170	4155	7684
HEIGHT (IN.)	46	55	55	63.5	66.75	81
WIDTH (IN.)	47	47	47	45.5	45.5	70
DEPTH (IN.)	81	92	98	106	108	108
DISCHARGE RANGE (FT.)	60-80	60-80	60-80	60-80	60-80	60-80
ASME VESSEL DESIGN INFORMATION	MAWP 250 PSI @ 450°F MDMT -20°F @ 250 PSI					
OPERATING TEMP. (°F)	+32 TO 120					
HOSE LENGTH EACH REEL (FT.)	100	100	100	100	100	100
NUMBER OF HOSE REELS	1	1	1	1	30	1
TWIN-AGENT HOSE DIA. (IN.)	1	1	1	1	1	1
MAX FLOW RATE (LBS./SEC.) PER REEL	14	14	14	14	14	14
MAX FOAM FLOW RATE (GPM) PER REEL	60	60	60	60	60	60
NITROGEN CYLINDER	2 - 220CF	2 - 300CF	2 - 300CF	3 - 300CF	2 - 300CF	6 - 300CF
PRESSURE RELIEF	250 PSI PSV					
FILL OPENING	4.5" VENTED CAP W/ O-RING					
VESSEL MATERIAL	CARBON STEEL					
VESSEL THICKNESS (IN.)	1/4	3/8	3/8	3/8	3/8	1/2
VESSEL CONSTRUCTION	ASME	ASME	ASME	ASME	ASME	ASME
FOAM VESSEL LINING	EPOXY COAT					
SYSTEM HOSES	BRAIDED SS					
		55466	BRASS	BRASS	BRASS	BRASS
FITTINGS	BRASS	BRASS	BRASS	BRASS	BRASS	DRASS

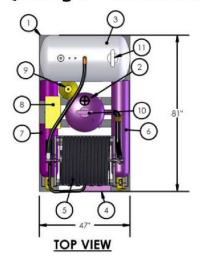
NOTE: IF YOU HAVE A SPECIAL REQUIREMENT PLEASE CONTACT FACTORY

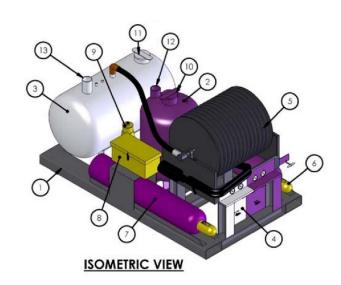
# 200 POUND DRY CHEMICAL 80 GALLON AFFF TWIN AGENT UNIT

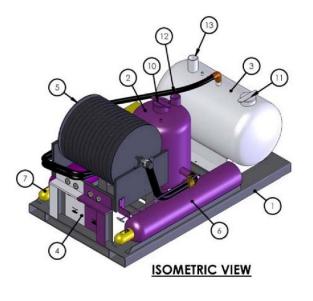




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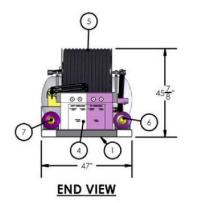


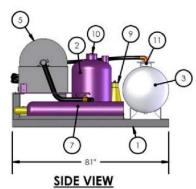




### AMEREX MODEL 920 TWIN AGENT UNIT 200 DC 80 AFFF

Empty Weight - 1,364 lbs. Full Weight - 2,230 lbs.





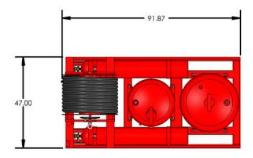
ITEM No.	UNIT DESCRIPTION
1	ALUMINUM SKID W/ COMMERCIAL FORKFIFT CAPABILITIES
2	200 LBS DRY CHEMICAL TANK
3	80 GALLON AFFF TANK
4	CONTROL PANEL
5	HOSE REEL W/ 100 FT. TWIN 1" HOSES & SHUT OFF
6	220 CF DC EXPELLANT BOTTLE
7	220 CF AFFF EXPELLANT BOTTLE
8	TOOL BOX
9	FUNNEL
10	FILL CAP - DRY CHEMICAL
11	FILL CAP - AFFF
12	250 PSI POP OFF - DRY CHEMICAL
13	250 PSI POP OFF - AFFF

### 450 DRY CHEMICAL 100 AFFF TWIN AGENT UNIT





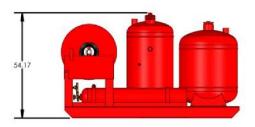
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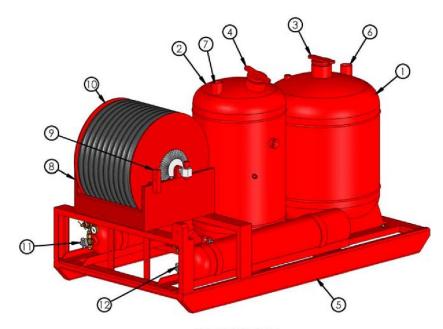
TOP VIEW



**END VIEW** 



SIDE VIEW



ISOMETRIC VIEW

### **AMEREX MODEL 921**

### TWIN AGENT 450 DC 100 AFFF

Empty Weight - 1,995 lbs. Full Weight - 3,520 lbs.

ITEM No.	UNIT DESCRIPTION
1	100 GALLON ASME CODE CYLINDER AFFF
2	450 LB ASME CODE CYLINDER DRY CHEMICAL
3	4" FILLER CAP AFFF
4	4" FILLER CAP DRY CHEMICAL
5	SKID ASSEMBLY
6	250 PSI POP-OFF AFFF
7	250 PSI POP-OFF DRY CHEMICAL
8	MANIFOLD AFFF
9	MANIFOLD DRY CHEMICAL
10	HOSE REEL w/ 100 FT. TWIN 1" HOSES & SHUT OFF
11	NITROGEN CYLINDER AFFF
12	NITROGEN CYLINDER DRY CHEMICAL

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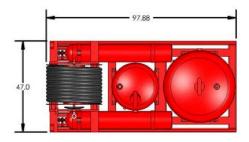
## 450 POUND PK/150 AFFF TWIN AGENT UNIT



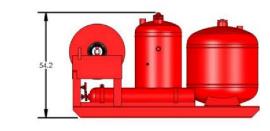


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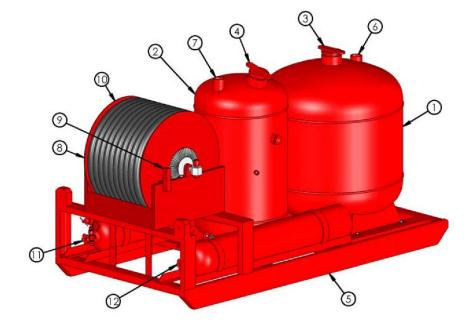
**END VIEW** 



TOP VIEW



SIDE VIEW



### **AMEREX MODEL 922**

### TWIN AGENT 450 DC 150 AFFF

Empty Weight - 2,420 lbs. Full Weight - 4,120 lbs.

### ISOMETRIC VIEW

ITEM No.	UNIT DESCRIPTION
1	150 GALLON ASME CODE CYLINDER AFFF
2	450 LB ASME CODE CYLINDER DRY CHEMICAL
3	4" FILLER CAP AFFF
4	4" FILLER CAP DRY CHEMICAL
5	SKID ASSEMBLY
6	250 PSI POP-OFF AFFF
7	250 PSI POP-OFF DRY CHEMICAL
8	MANIFOLD AFFF
9	MANIFOLD DRY CHEMICAL
10	HOSE REEL w/ 100 FT. TWIN 1" HOSES & SHUT OFF
11	NITROGEN CYLINDER AFFF
12	NITROGEN CYLINDER DRY CHEMICAL

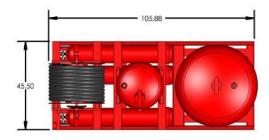
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## 450 POUND PK/200 AFFF TWIN AGENT UNIT





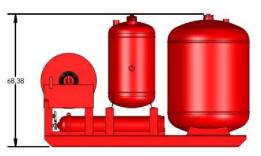
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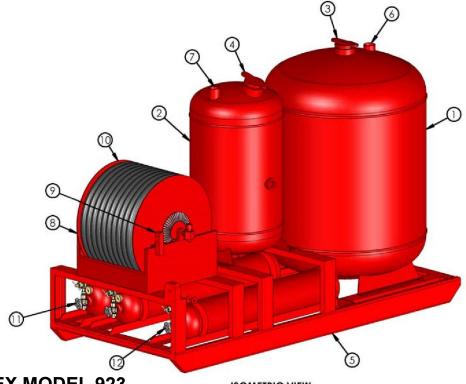
TOP VIEW



END VIEW



SIDE VIEW



### **AMEREX MODEL 923**

TWIN AGENT 450 DC 200 AFFF

Empty Weight - 2,720 lbs. Full Weight - 4,836 lbs.

ISOMETRIC VIEW

ITEM No.	UNIT DESCRIPTION
1	200 GALLON ASME CODE CYLINDER AFFF
2	450 LB ASME CODE CYLINDER DRY CHEMICAL
3	4" FILLER CAP AFFF
4	4" FILLER CAP DRY CHEMICAL
5	SKID ASSEMBLY
6	250 PSI POP-OFF AFFF
7	250 PSI POP-OFF DRY CHEMICAL
8	MANIFOLD AFFF
9	MANIFOLD DRY CHEMICAL
10	HOSE REEL w/ 100 FT. TWIN 1" HOSES & SHUT OFF
11	NITROGEN CYLINDERS AFFF
12	NITROGEN CYLINDER DRY CHEMICAL

File: 113-932

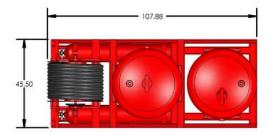
### 1000 POUND DRY CHEMICAL 150 AFFF TWIN AGENT UNIT



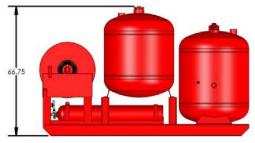


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**END VIEW** 



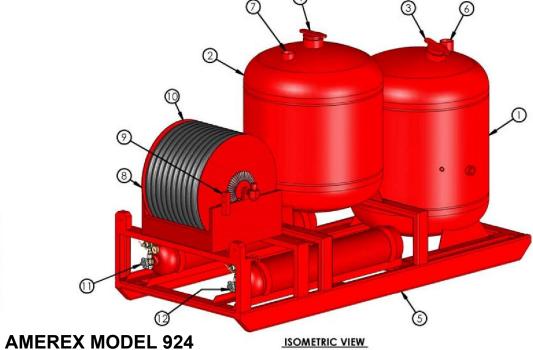
TOP VIEW



SIDE VIEW

Empty Weight - 3,155 lbs. Full Weight - 5,405 lbs.

TWIN AGENT 1000 DC 150 AFFF



ISOMETRIC VIEW

ITEM No.	UNIT DESCRIPTION
1	150 GALLON ASME CODE CYLINDER AFFF
2	1000 LB ASME CODE CYLINDER DRY CHEMICAL
3	4" FILLER CAP AFFF
4	4" FILLER CAP DRY CHEMICAL
5	SKID ASSEMBLY
6	250 PSI POP-OFF AFFF
7	250 PSI POP-OFF DRY CHEMICAL
8	MANIFOLD AFFF
9	MANIFOLD DRY CHEMICAL
10	HOSE REEL w/ 100 FT. TWIN 1" HOSES & SHUT OFF
11	NITROGEN CYLINDER AFFF
12	NITROGEN CYLINDER DRY CHEMICAL

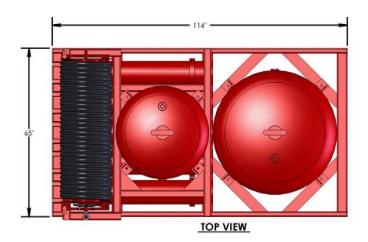
File: 113-934

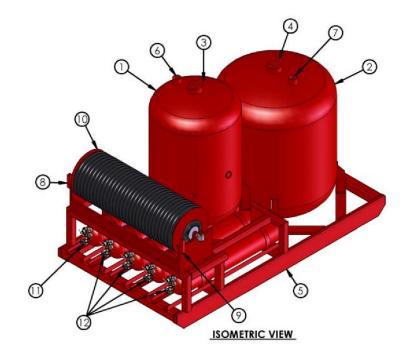
# 3000 POUND DRY CHEMICAL 200 GALLON AFFF TWIN AGENT UNIT



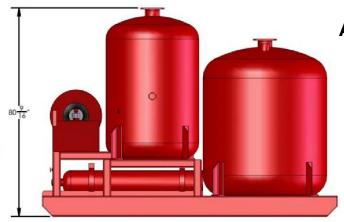


### Quality is Behind the Diamond.









### **AMEREX MODEL 925**

TWIN AGENT 3000 DC 200 AFFF

Empty Weight - 4,684 lbs. Full Weight - 9,350 lbs.

ITEM No.	UNIT DESCRIPTION											
1	200 GALLON ASME CODE CYLINDER AFFF											
2	3000 LB ASME CODE CYLINDER DRY CHEMICAL											
3	4" FILLER CAP AFFF											
4	4" FILLER CAP DRY CHEMICAL											
5	SKID ASSEMBLY											
6	250 PSI POP-OFF AFFF											
7	250 PSI POP-OFF DRY CHEMICAL											
8	MANIFOLD AFFF											
9	MANIFOLD DRY CHEMICAL											
10	HOSE REEL w/ 100 FT. TWIN 1" HOSES & SHUT OFF											
11	NITROGEN CYLINDER AFFF											
12	NITROGEN CYLINDERS DRY CHEMICAL											

**END VIEW** 

SIDE VIEW

File: 02-377



### **Pre-Mix Foam Stations**

**Description:** 

Amerex Pre-Mixed Foam Stations are completely 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.



### **Applications:**

Amerex 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



# Pre-Mix Foam Stations

### Components:

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 with AWS D.1.1 Structural Welding Code, Latest Edition. are assembled with corrosion resistant hardware and fittings. Skid Welding shall be in accordance corrosion resistant paint finish to ensure all surfaces receive the maximum protection possible. Units in extreme environments. Components are broken down to individual units prior to application of the for marine environments. Exterior corrosion resistant coatings applied enables an extended lifespan the station and mounted in vertical position. Complete units are constructed with materials suitable pressure vessel code. Agent tank is equipped with a 4" fill cap, mechanical pressure safety valve, assembly designed and constructed in accordance to the latest ASME Section VIII, Div. 1 unfired Amerex Pre-Mixed Foam Stations are self-contained consisting of a carbon steel agent tank

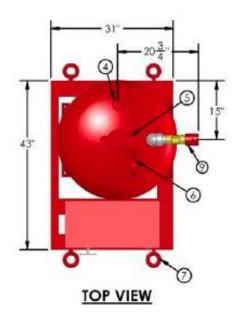
## Specifications:

# Amerex Pre-Mix Foam Stations are available in five configurations:

PAINT FINISH	FITTINGS	SYSTEM HOSES	VESSEL LINING	VESSEL CONSTRUCTION	VESSEL THICKNESS (IN.)	VESSEL MATERIAL	FILL OPENING	PRESSURE RELIEF	NITROGEN CYLINDER	MAX FOAM FLOW RATE (GPM)	DISCHARGE OUTLETS	DISCHARGE DIA. (IN.)	NUMBER OF HOSE REELS	HOSE LENGTH EACH REEL (FT.)	OPERATING TEMP. (°F)	ASME VESSEL DESIGN INFORMATION	DISCHARGE RANGE (FT.)	DEPTH (IN.)	WIDTH (IN.)	HEIGHT (IN.)	SHIPPING WT. (LBS.)	FOAM CAPACITY (GAL.)	MODEL NO.
CR POWDER COAT	BRASS	BRAIDED SS	EPOXY COAT	ASME	3/8	CARBON STEEL	4.5 VENTED W/ O-RING	250 PSI PSV	1 - 300CF	60	1	2	OPTIONAL	OPTIONAL	+32 TO 120	MAWP 250 PSI @ 450°F MDMT -20°F @ 250 PSI	50-70	43	28.5	31	1194	150	940
CR POWDER COAT	BRASS	BRAIDED SS	EPOXY COAT	ASME	3/8	CARBON STEEL	4.5 VENTED W/ O-RING	250 PSI PSV	1 - 300CF	60	1	2	1	100	+32 TO 120	MAWP 250 PSI @ 450°F MDMT -20°F @ 250 PSI	50-70	43	49	77	1450	150HRR	941
CR POWDER COAT	BRASS	BRAIDED SS	EPOXY COAT	ASME	3/8	CARBON STEEL	4.5 VENTED W/ O-RING	250 PSI PSV	2 - 300CF	120	2	2	OPTIONAL	OPTIONAL	+32 TO 120	MAWP 250 PSI @ 450°F MDMT -20°F @ 250 PSI	50-70	54	37	86.5	1894	300	942
CR POWDER COAT	BRASS	BRAIDED SS	EPOXY COAT	ASME	3/8	CARBON STEEL	4.5 VENTED W/ O-RING	250 PSI PSV	2 - 300CF	120	2	2	_	100	+32 TO 120	MAWP 250 PSI @ 450°F MDMT -20°F @ 250 PSI	50-70	54	58	86.5	2150	300HRR	943
CR POWDER COAT	BRASS	BRAIDED SS	EPOXY COAT	ASME	1/2	CARBON STEEL	4.5 VENTED W/ O-RING	250 PSI PSV	4 - 300CF	120	2	2	OPTIONAL	OPTIONAL	+32 TO 120	MAWP 250 PSI @ 450°F MDMT -20°F @ 250 PSI	50-70	60	48	110	3260	500	944

# 150 GALLON AFFF UNIT



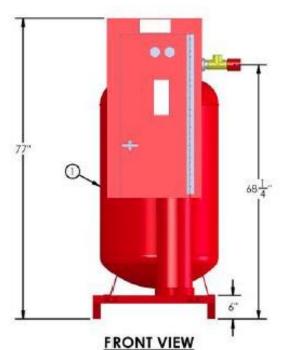




Quality is Behind the Diamond.



ISOMETRIC VIEW



### AMEREX MODEL 940 150 GALLON AFFF UNIT

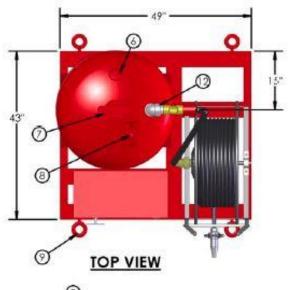
EMPTY WEIGHT - 1,194 lbs. FULL WEIGHT - 2,440 lbs.

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	

File: 07-0458

# 150 GALLON AFFF UNIT WITH HOSE REEL

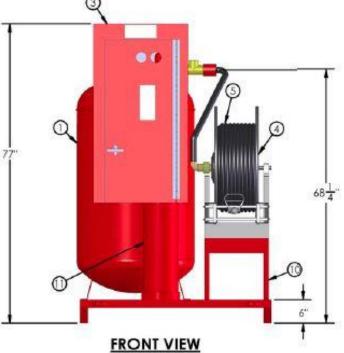






Quality is Behind the Diamond.





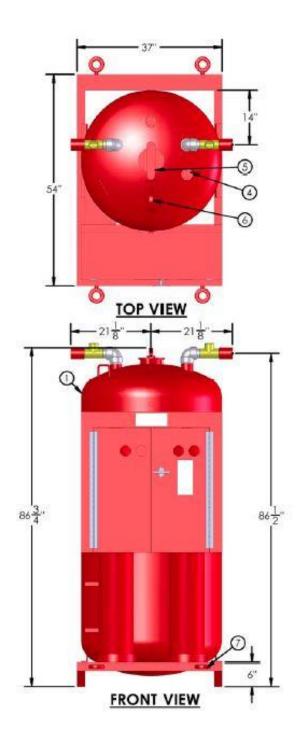
## AMEREX MODEL 941 150 GALLON AFFF UNIT WITH HOSE REEL

EMPTY WEIGHT - 1,450 lbs FULL WEIGHT - 2,695 lbs

NO.	UNIT DESCRIPTION
	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







Quality is Behind the Diamond.



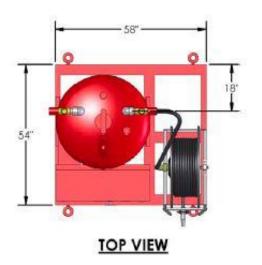
### AMEREX MODEL 942 300 GALLON AFFF UNIT

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

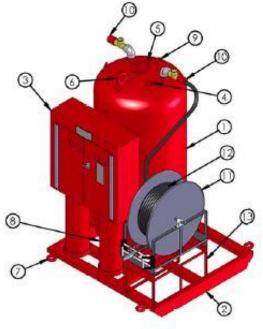
# 300 GALLON AFFF UNIT WITH HOSE REEL







Quality is Behind the Diamond.



ISOMETRIC VIEW



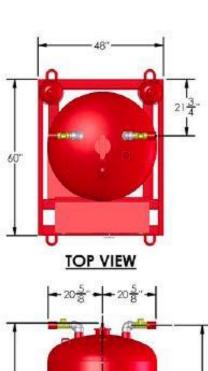
## AMEREX MODEL 943 300 GALLON AFFF UNIT WITH HOSE REEL

EMPTY WEIGHT - 2,150 lbs FULL WEIGHT - 4,649 lbs

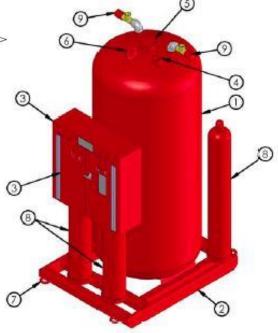
ITEM NO.	UNIT DESCRIPTION
1	A.S.M.E. CODE CONTAINER - 36" O.D.
2	UNIT SKID
3	UNIT CABINET
4	SA FETY POP-OFF 250 PSI
5	4" FILLER CAP
6	LIFTING EYELET
7	TOW EYELET
8	300 CU, FT, NITROGEN CYLINDER
9	3" DISCHARGE - OPTIONAL
10	2" DISCHARGE
11	HOSE REEL ASSEMBLY
12	100 FT, SECTION 1" LD, HOSE WITH SHUTOFF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

# **500 GALLON AFFF UNIT**

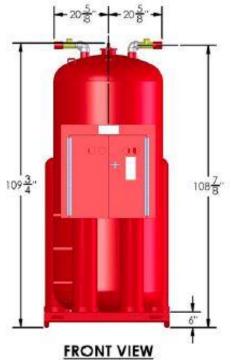








ISOMETRIC VIEW





## AMEREX MODEL 944 500 GALLON AFFF UNIT

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



### **Compressed Air Foam Skid Units**

**Description:** 

Amerex Compressed Air Foam Skid Units are designed for single-person operation and rapid response affording the availability of high expansion foam for maximum fire fighting power in a versatile compact delivery unit. Compressed Air Foam Units are self-contained and storedenergy having the added ability to inject compressed air into the foam solution generating a powerful fire attacking and suppression solution. This foam has a exponentially more dense bubble structure than water and standard foam solutions. The viscosity allows the foam to adhere to vertical and horizontal surfaces and penetrate fires deeper before the compound is broken down allowing latent water to be more effective. Units can be optionally completed with standard skid, trailer, or vehicle mount of choice. (Mobile cart options available for select capacities)



### **Applications:**

Amerex Compressed Air Foam Units provide rapid flame attack for Class A and B hazard areas. CAFS attacks all sides of the fire tetrahedron by smothering the fire with a "foam blanket", thus preventing oxygen from combining with fuel. It diminishes the heat by insulating and reflecting radiant heat, thus preventing excess heat to the fire via a foam barrier. The versatility of these systems have been proven by field tested use in multiple applications. Common high hazard risk areas include:

- Oil and Gas Production Facilities
- Heliports and Helidecks
- Flammable Liquid Storage and Transport
- Fracking Sites
- Mining Operations
- Race Tracks
- Aircraft Hangars
- Rapid Response Vehicles
- Industrial and Municipal Fire Departments / Brigades
- · Military Fire Teams



### **Compressed Air Foam Skid Units**

### **Components:**

Amerex Compressed Air Foam Units are stored-pressure and self-contained consisting of a carbon steel agent tank assembly equipped with a mechanical pressure safety valve and internally lined with an epoxy finish. The carrier and expellant agent shall be air or nitrogen and cylinders shall be of DOT or ISO standard. Cylinder storage racks are provided as integrated part of the skid. Complete units are constructed with materials suitable for marine environments. Exterior corrosion resistant coatings applied enables an extended lifespan in extreme environments. Components are broken down to individual units prior to application of the corrosion resistant paint finish to ensure all surfac-es receive the maximum protection possible. Units are assembled with corrosion resistant hardware and fittings. Skid Welding shall be in accordance with AWS D.1.1 Structural Welding Code, Latest Edition.

### **Specifications:**

### Amerex Compressed Air Foam Skid Units are available in ten configurations:

MODEL NO.	969	960	961	962	963	964	965	966	967	968
FOAM CAPACITY (GAL.)	16	21 H	21 ∨	<b>30</b> S	30 C	<b>60</b> S	60 M	<b>60</b> P	100	200
FOAM CLASS	A:B									
SHIPPING WT. (LBS.)	208	168	168	316	386	488	690	700	1028	1386
HEIGHT (IN.)	54.18	20	34	33	40.75	34	34.25	31.5	39.25	48
WIDTH (IN.)	22.5	29	31	34	31	38	49.5	36	47	48
DEPTH (IN.)	26	34	20	44	49	45.25	45.25	60	84	98
DISCHARGE RANGE (FT.)	50	50	50	75	75	75	75	75	75	75
VESSEL DESIGN INFORMATION	MAWP 200 PSI @ 450°F MDMT -20°F @ 250 PSI	MAWP 200 PSI @ 450°F MDMT -20°F @ 200 PSI	MAWP 200 PSI @ 450°F MDMT -20°F @ 250 PSI	MAWP 200 PSI @ 450°F MDMT -20°F @ 250 PSI						
OPERATING TEMP. (°F)	+32 TO 120									
HOSE LENGTH (FT.)	50	50	50	50	50	100	100	100	100	100
NUMBER OF HOSE REELS	RETAINER	вох	вох	1	RACK	1	Ť	1	-1	1
HOSE DIA. (IN.)	1	1	1	1	1	1	1	1	1	1
MAX FOAM FLOW RATE (GPM)	12	12	12	22	22	22	22	22	22	22
FINISHED FOAM (GAL.)	320	420	420	600	600	1200	1200	1200	2000	4000
PRESSURE RELIEF	200 PSI PSV									
EXPELLANT CYLINDER	AIR: 55 CF	AIR: 55 CF	40 CF	AIR: 55 CF	(2) 55 CF	(2) 55 CF	(2) 55 CF	(2) 100 CF	(2) 300 CF	(2) 300 CF
FILL OPENING	2.5"	2.5"	2.5"	2.5*	2.5*	2.5*	2.5"	2.5*	2.5"	2.5"
SKID MATERIAL	N/A	ALUMINUM	ALUMINUM	ALUMINUM	N/A	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM
VESSEL MATERIAL	CARBON STEEL									
VESSEL THICKNESS (IN.)	3/16	3/16	3/16	3/16	3/16	3/16	3/16	3/16	1/4	1/4
VESSEL LINING	EPOXY COAT									
SYSTEM HOSES	BRAIDED HP									
FITTINGS	BRASS									
PAINT FINISH	POWDER COAT									

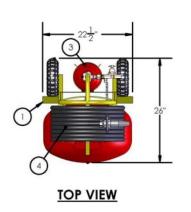
NOTE: IF YOU HAVE A SPECIAL REQUIREMENT PLEASE CONTACT FACTORY

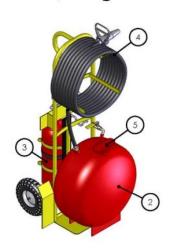
# 16 GALLON CAFS UNIT MOUNTED ON A 2 WHEEL DOLLY







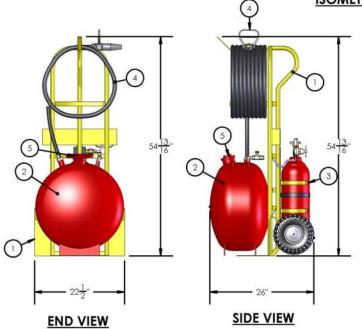








**ISOMETRIC VIEW** 



### AMEREX MODEL 969 16 Gallon CAFS Unit

Empty Weight - 208 lbs.

Full Weight - 300 lbs.

ITEM No.	UNIT DESCRIPTION
1	2 WHEEL HEAVY DUTY CART W/ 13" TIRES
2	16 GALLON CAFS VESSEL
3	CAFS 55 CF EXPELLANT BOTTLE
4	HOSE RACK W/ 50FT. 1" HOSE W/ SHUT OFF AND TIP
5	2 1/2" FILL CAP

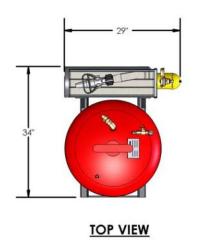


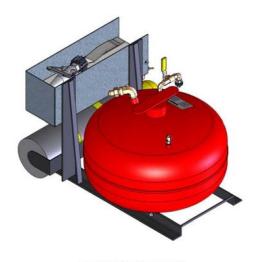


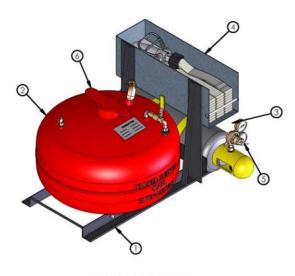
HORIZONTAL

**VERTICAL** 



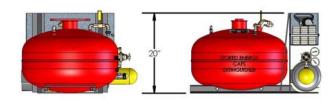






**ISOMETRIC VIEW** 

**ISOMETRIC VIEW** 



### AMEREX MODEL 960 21 Gallon Horizontal CAFS Unit

Empty Weight - 168 lbs. Full Weight - 343 lbs.

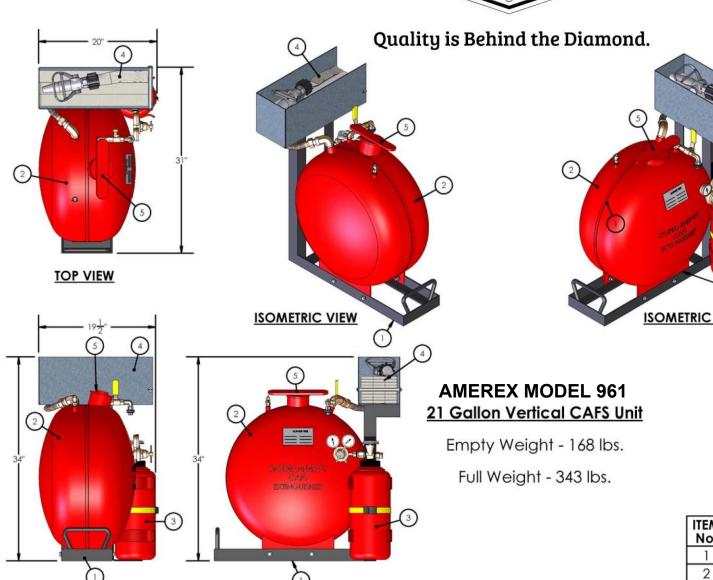
FRONT VIEW
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**SIDE VIEW** 

ITEM No.	UNIT DESCRIPTION
1	ALUMINUM SKID
2	21 GALLON CAFS VESSEL
3	55 CF EXPELLANT BOTTLE
4	HOSE STORAGE BOX W/ 50 FT. 1" HOSE W/ SHUT OFF AND TIP
5	HARRIS BRASS REGULATOR
6	FILL CAP

File: 113-935





**FRONT VIEW** 

**END VIEW** 

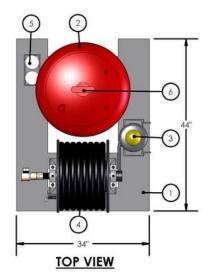
3
ISOMETRIC VIEW

ITEM No.	UNIT DESCRIPTION
1	aluminum skid
2	21 GALLON CAFS VESSEL
3	40 CF EXPELLANT BOTTLE
4	HOSE BOX W/ 50FT OF 1" LAY FLAT HOSE W/ SHUT OFF AND TIP.
5	FILL CAP

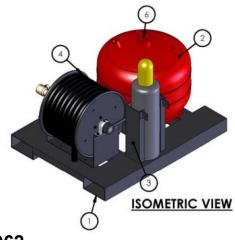
# 30 GALLON CAFS UNIT WITH HOSE REEL

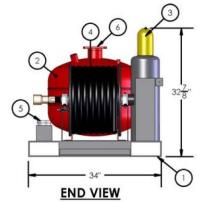


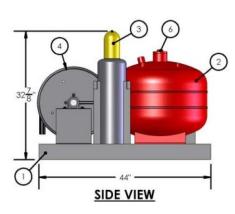












AMEREX MODEL 962 30 Gallon CAFS Unit

Empty Weight - 316 lbs.

Full Weight - 566 lbs.

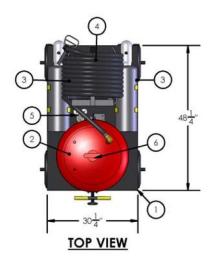
ITEM No.	UNIT DESCRIPTION
1	ALUMINUM SKID W/ COMMERCIAL FORKFIFT CAPABILITIES
2	30 GALLON CAFS VESSEL
3	CAFS 1-55 CF EXPELLANT BOTTLES W/ SAFETY CAP
4	HOSE REEL W/ 50 FT. 1" HOSE
5	(2) ADDITIONAL FOAM CHARGES
6	FILL CAP

# 30 GALLON CAFS UNIT MOUNTED ON A 8 WHEEL HEAVY DUTY WAGON TRUCK





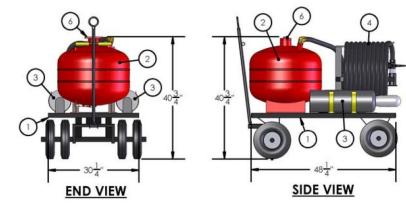








## AMEREX MODEL 963 30 Gallon 8 Wheeled Cart CAFS Unit



Full Weight - 636 lbs.

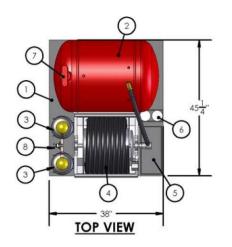
Empty Weight - 386 lbs.

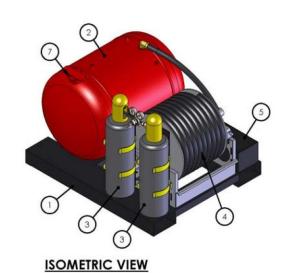
ITEM No.	UNIT DESCRIPTION
1	8 WHEELED CART
2	30 GALLON CAFS VESSEL
	2-55 CF EXPELLANT BOTTLES W/ SAFETY CAPS - ONE SPARE
4	HOSE RACK W/ 50 FT. 1" W/ SHUT OFF AND TIP
5	HARRIS 3500 BRASS REGULATOR
6	FILL CAP

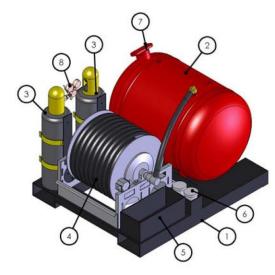
# 60 GALLON STANDARD CAFS UNIT



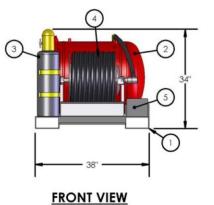


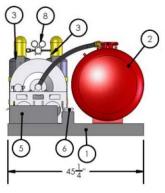






**ISOMETRIC VIEW** 





**SIDE VIEW** 

## AMEREX MODEL 964 60 Gallon CAFS Unit

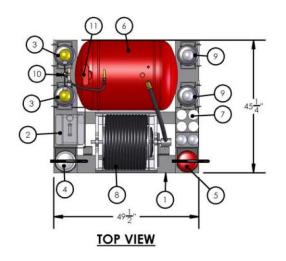
Empty Weight - 488 lbs. Full Weight - 988 lbs.

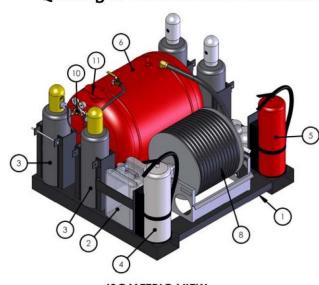
ITEM No.	UNIT DESCRIPTION	
1	ALUMINUM SKID W/ COMMERCIAL FORKFIFT CAPABILITIES	
2	60 GALLON CAFS VESSEL	
3	2-55 CF EXPELLANT BOTTLES	
4	HOSE REEL W/ 100 FT. 1" HOSE W/ SHUT OFF AND TIP	
5	TOOL BOX	
6	EXTRA CHARGES	
7	FILL CAP	
8	HARRIS BRASS REGULATOR	

# 60 GALLON MILITARY CAES UNIT

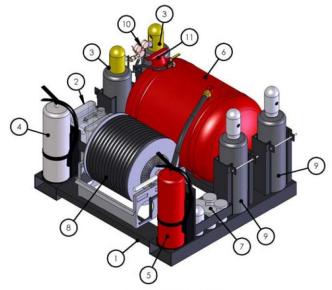




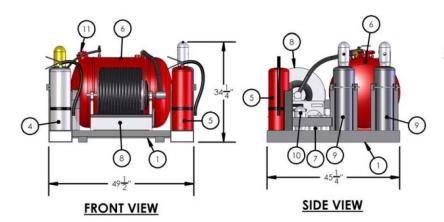




ISOMETRIC VIEW



ISOMETRIC VIEW



### **AMEREX MODEL 965** 60 GALLON MILITARY STYLE CAFS UNIT

Empty Weight - 690 lbs.

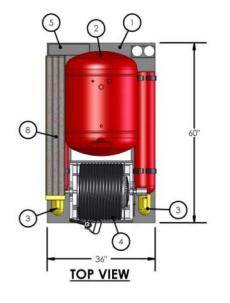
Full Weight - 1,190 lbs.

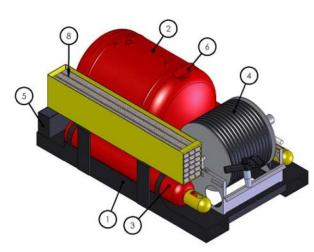
ITEM NO.	UNIT DESCRIPTION
1	ALUMINUM SKID W/ COMMERCIAL FORKLIFT CAPABILITIES
2	5 GALLON FOAM CONTAINER
3	(2) 55 CU.FT. AIR BOTTLE AND REGULATOR WITH SAFETY CAP
4	2 1/2" GALLON WATER FIRE EXTINGUISHER WITH BRACKET
5	20 LBS ABC FIRE EXTINGUISHER WITH BRACKET
6	60 GALLON STORED ENERGY CAFS TANK
7	PRE-MEASURED FOAM CONTAINER - 2 CHARGES
8	HOSE REEL WITH 1" x 100 FT LONG HOSE WITH SHUT OFF AND TIP
9	(2) SPARE 55 CU.FT. BOTTLE
10	HARRIS 3500 BRASS REGULATOR
11	FILL CAP

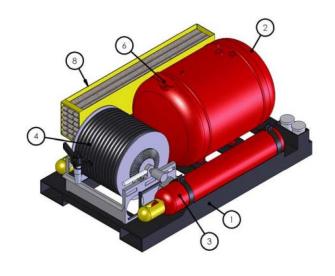
# 60 GALLON CAFS UNIT WITH 1 1/2" PRE-CONNECT





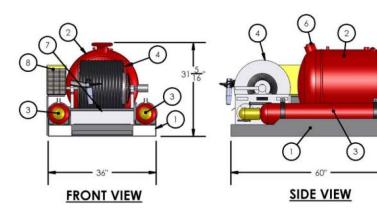






ISOMETRIC VIEW

**ISOMETRIC VIEW** 



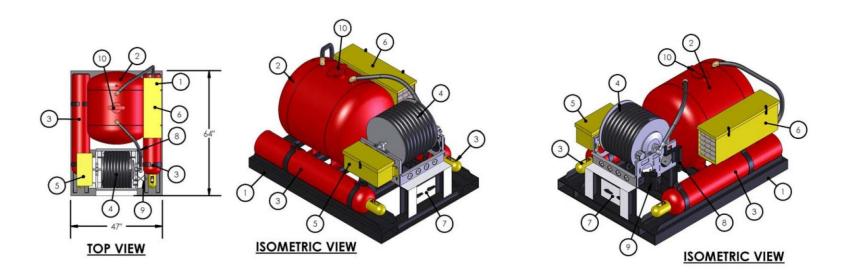
### AMEREX MODEL 966 60 Gallon CAFS Unit

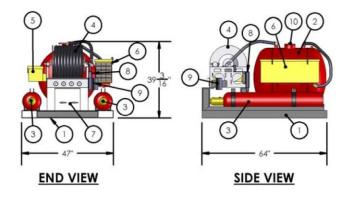
Empty Weight - 700 lbs. Full Weight - 1,200 lbs.

ITEM No.	UNIT DESCRIPTION
1	ALUMINUM SKID W/ COMMERCIAL FORKFIFT CAPABILITIES
2	60 GALLON CAFS VESSEL
3	2-110 CF EXPELLANT BOTTLES, 150 BAR
4	HOSE REEL W/ 100 FT 30M, 1" HOSE W/ SHUT OFF AND TIP
5	TOOL BOX
6	FILL CAP
7	1" DRAIN
8	100 FT1½" HOSE W/ SHUT OFF AND TIP









### AMEREX MODEL 967 100 Gallon CAFS Unit

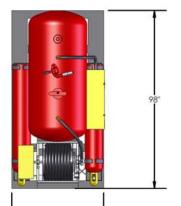
Empty Weight - 1,026 lbs. Full Weight - 1,859 lbs.

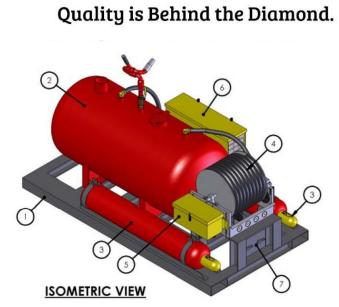
ITEM No.	UNIT DESCRIPTION
1	ALUMINUM SKID W/ COMMERCIAL FORKFIFT CAPABILITIES
2	100 GALLON CAFS VESSEL
3	CAFS 2-300 CF EXPELLANT BOTTLE - ONE OPTIONAL
4	HOSE REEL W/ 100 FT. 1" HOSE WITH SHUTOFF & TIP
5	TOOL BOX
6	HOSE STORAGE BOX W/ 100 FT 1/2" HOSE W/ SHUTOFF AND TIP - OPTIONAL
7	CONTROL PANEL
8	REEL CRANK
9	SHUTOFF HOLDER
10	FILL CAP

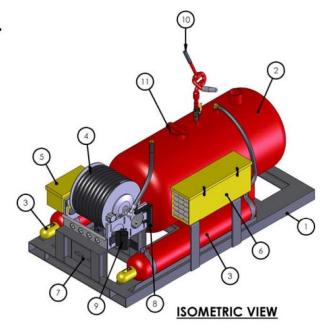
File: 12-1948

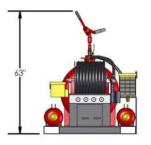




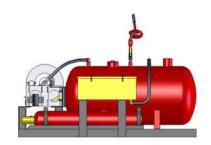








**TOP VIEW** 



### AMEREX MODEL 968 200 Gallon CAFS Unit

Empty Weight - 1,386 lbs. Full Weight - 3,052 lbs.

**END VIEW** 

SIDE VIEW

ITEM No.	UNIT DESCRIPTION
1	ALUMINUM SKID W/ COMMERCIAL FORKFIFT CAPABILITIES
2	200 GALLON CAFS VESSEL
3	(2) 300 CF EXPELLANT BOTTLES
4	HOSE REEL W/ 100 FT. 1" HOSE W/ SHUT OFF TIP.
5	TOOL BOX
6	HOSE STORAGE BOX W/ 100 FT 1 1/2" HOSE W/ SHUTOFF AND TIP
7	CONTROL PANEL
8	REEL CRANK HOLDER
9	SHUTOFF HOLDER
10	DECK GUN - OPTIONAL
11	FILL CAP
	File: 113.03

File: 113-937





























# HOSE REEL FOR 70 GALLON CAFS UNIT









## 30 GALLON CAFS UNIT WITH 100 FOOT LAY FLAT HOSE



# 1500 POUND DRY CHEMICAL UNIT



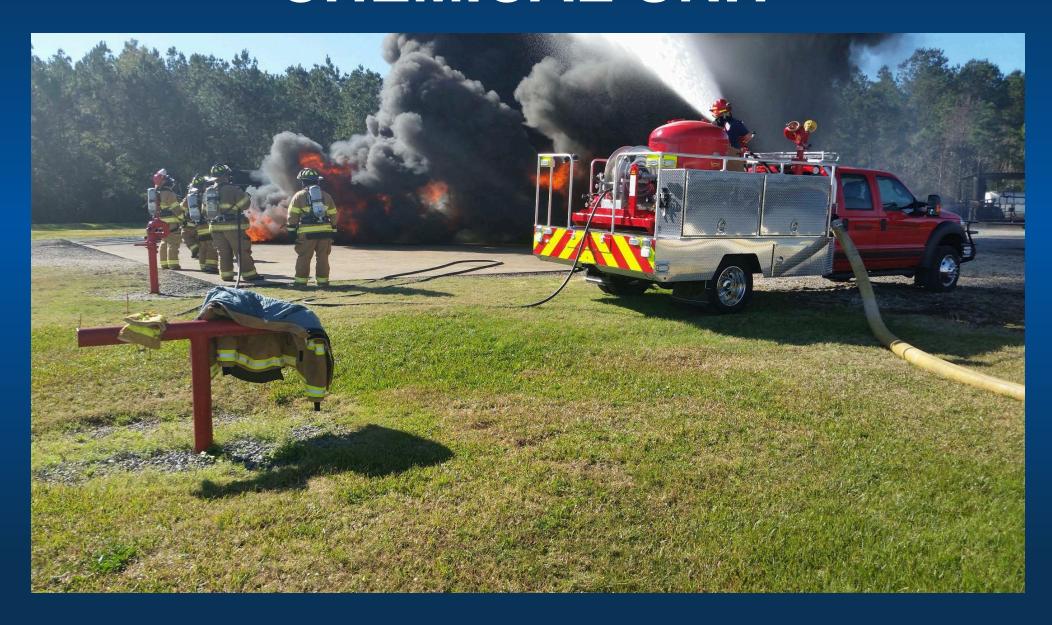
# 200 POUND DRY CHEMICAL & 80 GALLONS AFFF TWIN AGENT UNIT



# 450 POUND DRY CHEMICAL & 100 GALLONS AFFF TWIN AGENT UNIT



# 2000 POUND DRY CHEMICAL UNIT



## 1000 POUND DRY CHEMICAL UNIT



#### 500 LB DRY CHEMICAL



