TRANSPORTABLE EXTINGUISHING SYSTEMS
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Transportable Extinguishing Systems

Product:

Ansul 350 lb. “PKW™” Dry Chemical Wheeled Fire Extinguisher

Description:

This initial intervention wheeled extinguisher incorporates Ansul’s renowned quality with Williams’ specialized highly-visible “PKW™” Dry Chemical. Ansul’s “PKW™” wheeled fire extinguisher has a total dry chemical capacity of 300 lbs. It is equipped with a quick opening valve and regulator to maintain a constant pressure and flow throughout the total extinguisher discharge. Extinguisher also includes: hard rubber discharge hose, 50 ft; fill cap indicator; spoked metal wheels; and corrosion control coating. Equipped with the standard Ansul dry chemical discharge nozzle, rated 7.5 lb./sec., with a nominal effective range (still air) of 30 ft. Discharge time of a fully-charged extinguisher is approximately 40 seconds.

Williams’ “PKW™” is a potassium bicarbonate based dry chemical containing colorized additives. It is a highly specialized siliconized Purple-K (deep purple color) that is one of the most effective dry chemicals used to extinguish flammable and/or combustible liquid fires. The agent is free-flowing, water repellent and non abrasive and, when used as a fire extinguishing agent, will produce no toxic effects.

<table>
<thead>
<tr>
<th>Ansul “PKW™” 350# Wheeled Fire Extinguisher PKW™-WU-350</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dry Chemical Capacity</td>
</tr>
<tr>
<td>Dry Chemical Type</td>
</tr>
<tr>
<td>Dry Chemical Flow(lbs/sec)</td>
</tr>
<tr>
<td>Application</td>
</tr>
</tbody>
</table>
Transportable Extinguishing Systems

Product:
Hydro-Chem™ “PKW™” Wheeled Handline Extinguishing System

Description:
Hydro-Chem™ “PKW™” Wheeled Handline Extinguishing System incorporates 300 lbs. of specialized “PKW™” dry chemical in transportable storage; a dual flow (HCHG) Series Hydro-Chem™ Handline Nozzle; and “flat lay” dry chemical delivery hose. This assembly, when combined with foam solution, is complete and ready to use in combating three dimensional and/or pressurized fuel fires. Unit provides dry chemical flows at 10 lbs/s and foam solution rates at 60, 95 or 125 gpm.

“PKW™” is a highly specialized siliconized Purple-K that is one of the most effective dry chemicals used to extinguish flammable and/or combustible liquid fires. Its distinctively deep purple color provides the fire fighter with the ability to stay ON-TARGET when it is projected to the fire within the foam/water stream. This results in a quicker, more effective “knockdown,” and extinguishment.

System includes:
Ansal wheeled fire extinguisher; flat lay discharge hose; 1.5” x 100 ft. coupled, 1.5” NH; Williams “PKW™” dry chemical 300 lbs.; HCHG, Series “Handgun” Hydro-Chem™ Nozzle.

<table>
<thead>
<tr>
<th>PKW™ Wheeled Extinguisher System</th>
<th>PKW™-WW-350 HCHG-60</th>
<th>PKW™-WW-350 HCHG-95</th>
<th>PKW™-WW-350 HCHG-125</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dry Chemical Capacity</td>
<td>300 lbs.</td>
<td>300 lbs.</td>
<td>300 lbs.</td>
</tr>
<tr>
<td>Dry Chemical Type</td>
<td>“PKW™” Purple K</td>
<td>“PKW™” Purple K</td>
<td>“PKW™” Purple K</td>
</tr>
<tr>
<td>Foam Solution Flow Range Flow (@ 100 psi)</td>
<td>60 gpm</td>
<td>95 gpm</td>
<td>125 gpm</td>
</tr>
<tr>
<td>Dry Chemical Flow (lbs/s)</td>
<td>10</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>Application</td>
<td>Class “B” Flowing Liquid Fires</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Transportable Extinguishing Systems

Product:
Ansul High Flow “PKW™” Dry Chemical Wheeled Unit Storage & Delivery System

Description:
Ansul “PKW™” High Flow Wheeled Unit, is modified and designed to be used exclusively in conjunction with Hydro-Chem™ discharge devices (nozzle and/or delivery manifolds), which are ordered separately. This technology allows the fire to be extinguished at ranges not possible with conventional dry chemical equipment. Refer to adjacent page for typical layouts.

“PKW™” storage capacity is 300 lbs. Includes: flat lay discharge hose, 100 ft. coupled 1.5” (M) NPSH; fill cap indicator; spoked metal wheels; corrosion control coating.

“PKW™” is a highly specialized siliconized Purple-K that is one of the most effective dry chemicals used to extinguish flammable and/or combustible liquid fires. It is commonly used in conjunction with Hydro-Chem™ Technology to effectively extinguish pressurized or three dimensional “Class B” liquid fires. Williams’ “PKW™” is a potassium bicarbonate based dry chemical containing chemical additives. The agent is free-flowing, water repellent and non abrasive and, when used as a fire extinguishing agent will produce no toxic effects. Its distinctively deep purple color provides the fire fighter with the ability to stay ON-TARGET when the dry chemical is projected to the fire within the foam/water stream. The result, when combined with Hydro-Chem™ Technology is the ability to achieve a quicker and more effective “knockdown,” in addition to using less chemical to complete the job.

<table>
<thead>
<tr>
<th>Ansul PKW™ Wheeled Unit PKW™-WHC-350</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dry Chemical Capacity</strong></td>
</tr>
<tr>
<td><strong>Dry Chemical Type</strong></td>
</tr>
<tr>
<td><strong>Dry Chemical Flow(lbs/s)</strong></td>
</tr>
<tr>
<td><strong>Application</strong></td>
</tr>
</tbody>
</table>
Quick Attack Foam Cart

Description:
More than a portable monitor, the Quick Attack foam cart can easily be operated by one person. Ideal for spill fires in chemical plants and flammable liquid storage areas. A single mobile unit can be used to protect several different remote hazard areas. Unlike eductor style foam stations this unit operates effectively and proportions foam even at low water inlet pressures. Minimum recommended inlet pressure is 70 psi. Foam stream projects from monitor approximately 50 ft. at 70 psi inlet pressure (straight stream in still air). Equipped complete with: supply hose, 2” x 100 ft. coupled 1.5” NH; brass Spectrum “Mini-Monitor”; pre-plumbed self-educing brass Hydro-Foam™ Small Body Monitor Nozzle, rated 150 gpm or 225 gpm @ 100 psi inlet. Stainless steel 35 gallon capacity foam concentrate storage tank is fitted with fill opening, pressure vacuum vent and drain valve. 15” semi-pneumatic wheels. Specify 1% and/or 3% proportioning. Red vinyl Quick Attack cover is available as an option.

<table>
<thead>
<tr>
<th>Model</th>
<th>Nozzle rating GPM @100 psi</th>
<th>Approximate foam duration in minutes</th>
<th>Proportioning</th>
</tr>
</thead>
<tbody>
<tr>
<td>QA-150-1</td>
<td>150</td>
<td>23.3</td>
<td>1%</td>
</tr>
<tr>
<td>QA-150-3</td>
<td>150</td>
<td>7.7</td>
<td>3%</td>
</tr>
<tr>
<td>QA-225-1</td>
<td>225</td>
<td>15.6</td>
<td>1%</td>
</tr>
<tr>
<td>QA-225-3</td>
<td>225</td>
<td>5.2</td>
<td>3%</td>
</tr>
</tbody>
</table>
Transportable Extinguishing Systems

Product:
Three Wheeled Portable Cart

Description:
Water or foam capacities of up to 1,000 gpm. Provided with 500 gpm “BTM” brass fog/straight stream nozzle and “Spectrum 3” single worm gear operated cast brass monitor. Full 4” I.D. manifold with two (2) clappered 2.5” NH (F) rear mounted swivel inlets, and 0-300# pressure gauge. Equipped with two pneumatic tires and a single front demountable dolly-type wheel with folding handle. Options include: dual hose racks with capacities of 50 ft., 3” hose; additional front or rear mount 2.5” NH (F) swivel inlets. If ordering with Hydro-Foam™ nozzle specify type as well as foam % for foam proportioning and delivery.

<table>
<thead>
<tr>
<th>Three Wheeled Portable Cart</th>
<th>Max Flow @100 PSI</th>
<th>Standard Flow @ 100 PSI</th>
<th>K-Factor</th>
<th>Monitor Waterway</th>
<th>Inlets (two)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>up to 1,000</td>
<td>500 gpm</td>
<td>50</td>
<td>3” I.D.</td>
<td>2.5” NH(F) Clappered</td>
</tr>
</tbody>
</table>
Transportable Extinguishing Systems

Product:
Four Wheeled Portable Cart

Description:
Water or foam capacities of up to 500 gpm. Provided with 500 gpm “BTM” brass fog/straight stream nozzle and standard Spectrum tiller bar control cast brass monitor. Full 4” I.D. manifold with two (2) clappered 2.5” NH (F) rear mounted swivel inlets, and 0-300# pressure gauge. Equipped with four (4) locking pneumatic tires with “tee-bar” control handle. Options include: dual hose racks with capacities of 50 ft. rolls, 3” hose; additional front or rear mount 2.5” NH (F) swivel inlets. If ordering with Hydro-Foam™ nozzle specify flow rate (up to 500 gpm) as well as either 1% or 3% proportioning.

OPTIONS
• Dual Hose Racks (capacity 50 feet)
• Additional Front or Rear 2.5” Inlets (shown)
• 5” Storz Inlets
• Hydro-Foam™ Nozzle

<table>
<thead>
<tr>
<th>Four Wheeled Portable Cart</th>
<th>Max Flow @ 100 PSI</th>
<th>Standard Flow @ 100 PSI</th>
<th>K-Factor</th>
<th>Monitor</th>
<th>Inlet (two)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>up to 500</td>
<td>500 gpm</td>
<td>50</td>
<td>3” I.D.</td>
<td>2.5” NH(F) Clappered</td>
</tr>
</tbody>
</table>

SPECTRUM MONITOR
W/“BTM” BRASS FOG/STRAIGHT STREAM NOZZLE.

PULL HANDLE

(4) LOCKING TIRES

DRAIN

OPTIONAL 2 1/2” CLAPPERED SWIVEL INLETS

PULL HANDLE

46”

PRESSURE GAUGE

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Transportable Extinguishing Systems

Product:

Hydro-Foam™ “Tote” Trailer

Description:

Hydro-Foam™ Tote Trailers provide high volume foam storage, proportioning and delivery capability in a competitively priced package. Each trailer is designed and manufactured to meet specific project requirements. In general, this transportable flammable liquid fire fighting system consists of: dual axle, 7,000 lb. GVW, DOT trailer, with tongue-mounted leveling jack, surge brakes, and skid-resistant deck surface; 265 gallon capacity ThunderStorm® ATC 1% x 3% Foam Tote is constructed of high density polyethylene with a reinforced aluminum enclosure; clappered water inlet manifold, with one (1) 5” Storz inlet connection; Spectrum manual high-flow station monitor, 3” cast brass, with 4” worm gear type butterfly inlet control valve; HF Ranger™ Select Hydro-Foam™ Nozzle, 1.0 rated 1,000 gpm @ 100 psi, complete with foam concentrate siphon hose to tank bottom; two (2) fender-mounted welded-wire type steel storage compartments, each with capacity to inventory up to 100 ft., 5” hose (or 300’ of 3”); red polyurethane finish.

<table>
<thead>
<tr>
<th>Hydro-Foam™ Tote Trailer</th>
<th>Flow@ 100 psi</th>
<th>Proportioning</th>
<th>Inlet</th>
<th>Concentrate Storage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1,000 gpm</td>
<td>1%/3%</td>
<td>5” Storz</td>
<td>265 gallons</td>
</tr>
</tbody>
</table>

For US and Foreign Patent and Trademark information, please refer to page IP2.
Transportable Extinguishing Systems

Product:

Hydro-Foam™ “Dual Tote” Trailer

NOTES:
2” x 20’ PVC SUCTION HOSES COUPLED 2” STORZ (TYP 2), NOT SHOWN FOR CLARITY

NO EQUIPMENT SHOWN FOR CLARITY

ALL DIMENSIONS ARE NOMINAL
Transportable Extinguishing Systems

Product:
Tri-Agent Trailer
Transportable Extinguishing Systems

Product:
Balanced Pressure Proportioning Trailers

Description:
With variable flow capability, balanced pressure proportioning trailers are ideal for supplemental foam solution injection into semi-fixed foam systems, including: sprinkler risers; topside foam chambers; foam makers; or high back pressure foam makers for subsurface injection into hydrocarbon storage tanks. Proportioning rates, tank sizes, inlet and discharge manifolds are sized and configured to client requirements.

Equipped with nursing capability these systems are re-fillable during operation. Standard proportioning package delivers foam @ 1%, 2% and/or 3%. Nominal foam solution flow is between 250 and 1250 gpm, utilizing a 4” ratio flow controller and 1.5” pressure control valve and 100 gpm @ 200 psi diesel driven concentrate pump. Optional flow rates up to 3,000 gpm can be achieved through the use of a larger ratio flow controller, manifold, piping and concentrate pump.

Accessible pump, driver and piping provide ease of maintenance. Cross linked high density polyethylene 1000 gallon foam storage tank with floating baffles, mounted on carbon steel support saddles. Butterfly valve, worm gear type, is installed on water inlet. Optional Spectrum 3” brass monitor, valved, with a Ranger™ 250-750 gpm, 1% or 3% automatic Hydro-Foam™ nozzle provides supplemental foam proportioning and delivery.
Transportable Extinguishing Systems

Balanced Pressure Proportioning Trailers

PLAN

ELEVATION
Transportable Extinguishing Systems

Product:

Foam Nurse Trailer with Jets

Description:

The Spectrum Foam Nurse Trailer with Jets provides an efficient and effective way to store and hydraulically deliver large quantities of ThunderStorm® Foam Concentrate to either single or multiple self-educing Hydro-Foam™ end-of-line devices. The trailer system consists of the following major components: dual axle, 24,000 lb GVW chassis; 2,000 gallon (total capacity) compartmented, horizontally configured high density polyethylene foam storage tank(s) with trim; carbon steel cradle; manifold of Jet Ratio Controllers and valving, sized and configured to address project (hazard) requirements; two (2) hose storage bins, side mounted; heavy duty tongue constructed of C5 channel, with ball hitch and leveling jack; electric brakes. Finished in red polyurethane.
Transportable Extinguishing Systems

Product:

Hose Trailer
Transportable Extinguishing Systems

Product:
Large Hose Trailer