

Engineered Packages

Dry Chemical Hose Reel Skids



Fire Engineering
Pty Limited



Description

The Orion Dry Chemical Hose Reel Skid units are an effective means of controlling three-dimensional Class B flammable liquid and electrical fires. Dry chemical will effectively extinguish flowing fuel and gas/liquid pressure fires where other types of equipment and agents may be ineffective. Orion Dry Chemical Skids can be provided in several different sizes ranging from 90 kg. to 1,360 kg. capacities. The dry chemical is

contained within either an AS 1210 or an ASME coded pressure vessel with a working pressure of 1.75 MPa. Nitrogen cylinders mounted on the skid unit pressurise the dry chemical vessel to expel the dry chemical. The nitrogen is supplied through a pressure-regulating valve into a manifold and then piped to the dry chemical storage container. The standard dry chemical skid is supplied with either one or two hose reels. Each hose is equipped with 30M of 25mm hard rubber hose and a nozzle with ball-shutoff valve.

ORION FIRE ENGINEERING PTY LIMITED

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Features

- Rugged construction - skid constructed of structural steel
- Suitable for use with minimal personnel or one-person operation
- Manually operated - allows the operator to use only the quantity of dry chemical necessary to suppress a fire
- Orion Dry Chemical Skid is self-contained - no outside power source is required
- 1450 kPa working pressure

- 1.750 MPa design pressure
- 50 litre 250 Bar nitrogen cylinders

Container Capacities

Dry Chemical container - actual capacity in kgs

| Model # | ABE powder | BE Powder | Purple K powder |
|--------------|------------|-----------|-----------------|
| DC-350-HR-1 | 150 | 160 | 150 |
| DC-500-HR-1 | 227 | 250 | 227 |
| DC-1000-HR-2 | 455 | 500 | 455 |
| DC-1500-HR-2 | 680 | 770 | 680 |
| DC-2000-HR-2 | 910 | 1030 | 910 |
| DC-3000-HR-2 | 1,365 | 1440 | 1,365 |

Larger units available upon request

- Hose reels with brakes and easily operated hand crank
- Five standard sized skids are available. Other sizes can be manufactured on request
- Skids can be adapted for either floor or trailer mounting.

Options

- Remote hose reel
- Turret nozzle
- Corrosion package for offshore or marine environments

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