Engineered Products & Systems | Model BWCon 1.400 IBC Fire Protection Containment Unit



SPECIFICATIONS	
Related documents	TD1.3.13.1 (Technical data page)
Approvals	FM APPROVED
Total volume	370 USG (1,400 ltr)
Max IBC volume	265 USG (1,000 ltr)
Maximum suppression system discharge volume	106 USG (400 ltr)
Finish	Flame red RAL3000 (base) Natural (upper enclosure)
Weight (net)	950 lbs (430 kg)

The fire protection containment unit is used to store single ignitable liquid IBC's (Intermediate Bulk Containers) when located within manufacturing, process areas, small storage or similar environments. The unit is particularly useful when a limited number of IBC's are introduced to an area where a fixed fire protection system is not in place or not able to effectively cover the additional risks involved with Class B liquids. Subject to AHJ acceptance, the unit also gives the option to utilize non-listed/approved IBC containers.

The fire protection containment unit is intended to capture an ignitable liquid release within a footprint designed to limit the size of a potential pool

fire. Containing the majority of released ignitable liquid prevents the formation of a spreading fire. Limiting the size of the pool surface within the unit limits the heat release rate of the fire thereby limiting the expected damage within an occupancy. There is also the capacity to accommodate a further 106 USG (400 litres) of water or foam solution discharged by a sprinkler or deluge system in the protected area.

Typical fields of application include chemical industries, pharmaceutical plants, automotive plants, paint manufacturing, wood processing and warehousing operations.



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