**HOODSAFER "CS CABINET" SERIES ELECTRICAL CABINET FIRE SUPPRESSION SYSTEM**
*FEATURES and BENEFITS :*

- **Detects fire in it's place and extinguish quickly.**
- **Clear FK-5-1-12 agent extinguish the fire effectively and no harm for any devices or environment.**
- **FK-5-1-12 clean extinguishing agent is the next generation of chemical fire suppressant in place of HFC-227ea which was a market leader for the exchange of Halon. FK-5-1-12 clean extinguishing agent and its use in marine applications is approved by a number of marine agencies around the world and has been fully tested in accordance with the International Maritime Organisation MSC/Circ.848 on revised guidelines for the approval of fixed gas fire extinguishing systems, as referred to in SOLAS 74 for machinery spaces and cargo pump-rooms.**
- **FK-5-1-12 systems are designed to extinguish fires involving flammable liquids, gases and electrical equipment. FK-5-1-12 extinguishes fires by a combination of physical and chemical means. It does not significantly deplete the oxygen content in the room and tests have shown it to be less toxic than Halon 1301.**
- **FK-5-1-12 clean extinguishing agent contains no bromine or chlorine and therefore has an ozone depleting potential of zero.**
- **Accurate heat detection via high quality thermoplastic tubing.**
- **Low pressure cylinders are safe ( 15 bar ).**

## CabinetSafer model selector

| Volume of Cabinet | Suitable CabinetSafer model | Maximum tubing length |
|---|---|---|
| 0,1 m3 – 1 m3 | **CS2** (1kg agent) | 5m |
| 1 m3 – 2 m3 | **CS2** (1kg agent) | 5m |
| 2 m3 – 3 m3 | **CS4** (2kg agent | 9m |
| 3 m3 – 4 m3 | **CS4** (2kg agent) | 9m |
| 4 m3 – 5 m3 | **CS6** (4kg agent) | 12m |
| 5 m3 – 6 m3 | **CS6** (4kg agent) | 12m |

**Note :** Add 0,5 kg of CabinetSafer clean agent for each 1m$^3$ if Volume of cabinet is larger than 6 m$^3$

**DESIGN RULE :**

**Detection tubing shall be installed 3 cm as maximum far away from above and below component.**

**Please see figure at right.**