MBS-K30

CO2 Sensor for Carbon-X System

The MBS-K30 is Trolmaster's most accurate CO2 sensor . Designed to be used exclusively with TrolMaster's life-safety CO2 system the Carbon-X / CDA-1. The MBS-K30 incorporates a NDIR 0-30,000 ppm sensor in a self-aspirated enclosure, allowing users to constantly monitor the current CO2 level (ppm) within a grow space via a built-in LCD display, or when viewing the CDA-1 controller.

The MBS-K30 is an essential part of CO2 alarm systems, like TrolMaster's Carbon-X. The MBS-K30 is a precision CO2 sensor that works 24-7 to ensure CO2 levels within occupied grow spaces stay within specific safety guidlines... normally less than 5000ppm.

Each of the zones / rooms monitored by the Carbon-X can have 1 or 2 MBS-K30 CO2 sensors installed in order to satisfy local code requirements.

The CDA-1 is designed to monitor CO2 within Purposefully Enriched Areas. Indoor spaces where the CO2 level is increased by releasing or producing CO2 are considered CO2 "enriched". When CO2 is used in this way for horticultural use, the continuous circulation of the air within the area allows the area to have equal amounts of CO2 as compared to areas without air circulation. It is important to have good air movement within those spaces. Each of the CDA-1 CO2 sensors (MBS-K30) can be used in spaces up to 2000 sqft.

The MBS-K30 must be mounted between 12 and 18" from floor level.

*Note: The MBS-K30 requires the SPH-1 for supplemental power.

"The CDA-1 system and the devices used within the system comply under Section 916 of the IBC that covers Gas Detection Systems"

Specifications

MBS-K30

Sensor Life Expectancy

Size	>15 Years

Input Voltage

Input Voltage	14VDC

Maximum Current

Input Voltage	0.04A

Maximum Current

Temperature	32-122°F (0-50°C)
Humidity	≤90%

Package Content

MBS-K30 Sensor	1pc
16ft RJ12 Cable	1pc
T-Shape Splitter	1pc

Package Dimensions

Size	10.83"/ 275mm(L) x 6.66"/ 164mm(W) x 2.56"/ 65mm(H)
Gross Weight	1.28 lbs/ 0.58kg

Link Up

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