



- 1** CGS PARKSAFE VENTILATION CONTROL PANEL MODULATES FANS ON/OFF OR SPEED DEPENDING ON CONCENTRATIONS OF CO (CARBON MONOXIDE) AND NO2 (NITROGEN DIOXIDE) WITHIN THE PARKING STRUCTURE.
- 2** CGS CO DETECTORS CGSCOP INSTALL VIA CONDUIT OR ELECTRICAL ROUGH IN BOX. MOUNT PER MANUFACTURER'S INSTRUCTIONS. LOCATE PER DRAWINGS. DETECTORS COMMUNICATE WITH PARKSAFE UNIT VIA MODBUS. PARKSAFE UNIT POWERS DETECTORS. WIRE MULTIPLE DETECTORS IN SERIES PER MANUFACTURER'S INSTRUCTIONS
- 3** CGS NO2 DETECTOR CGSNO2P INSTALL VIA CONDUIT OR ELECTRICAL ROUGH IN BOX. MOUNT PER MANUFACTURER'S INSTRUCTIONS. LOCATE PER DRAWINGS. DETECTORS COMMUNICATE WITH PARKSAFE UNIT VIA MODBUS. PARKSAFE UNIT POWERS DETECTORS. WIRE MULTIPLE DETECTORS IN SERIES PER MANUFACTURER'S INSTRUCTIONS
- 4** PARKSAFE UNIT PROVIDES RELAY OUTPUTS FOR PRE-ALAM, ALARM AND FULL ALARM CONDITIONS. VOLT FREE NON LATCHING MAX 6A. OUTPUT 1 CHANGES STATE WHEN DETECTORS REACH PRE-ALARM CO >25PPM <100PPM NO2 >0.7PPM <2PPM OUTPUT 2 CHANGES STATE WHEN DETECTORS REACH ALARM CO 100>PPM NO2 >2PPM. FULL ALARM CHANGES STATE AFTER HIGH ALARM CONTINUES 1-5MINS ADJUSTABLE.
- 5** DAMPER RELAY CHANGES STATE WITH PRE-ALARM OR ALARM OUTPUTS ADJUSTABLE. VOLT FREE NON LATCHING MAX 6A.

- 6** 0-10VDC OUTPUT. 0-2V CONSTANT ADJUSTABLE. 5V LOW ALARM 10V HIGH ALARM
- 7** RELAYS AND 24V CAN BE UTILIZED FOR BMS CONNECTIVITY. FULL ALARM RELAY CHANGES STATE AFTER DESIRED TIME DELAY OF ALARM CONDITION. REQUIRES MANUAL RESET TO REVERT BACK TO ORIGINAL STATE
- 8** PANEL PROVIDES COLOR DISPLAY FOR ALARM CONDITIONS. GREEN-GOOD YELLOW-PRE-ALARM ORANGE-ALARM RED-FULL ALARM. TOUCH SCREEN MENU PROVIDES ACCESS TO SETTINGS, SENSOR TYPE AND CONDITION. FAN AND RELAY STATE SHOWN VIA IMAGES.
- 9** AUDIBLE ALARM BEACON CGSAAB. ACTIVATES IN FULL ALARM CONDITION. LOCATE OUTSIDE PARKING AREA TO WARN OF DANGEROUS ENVIRONMENT.