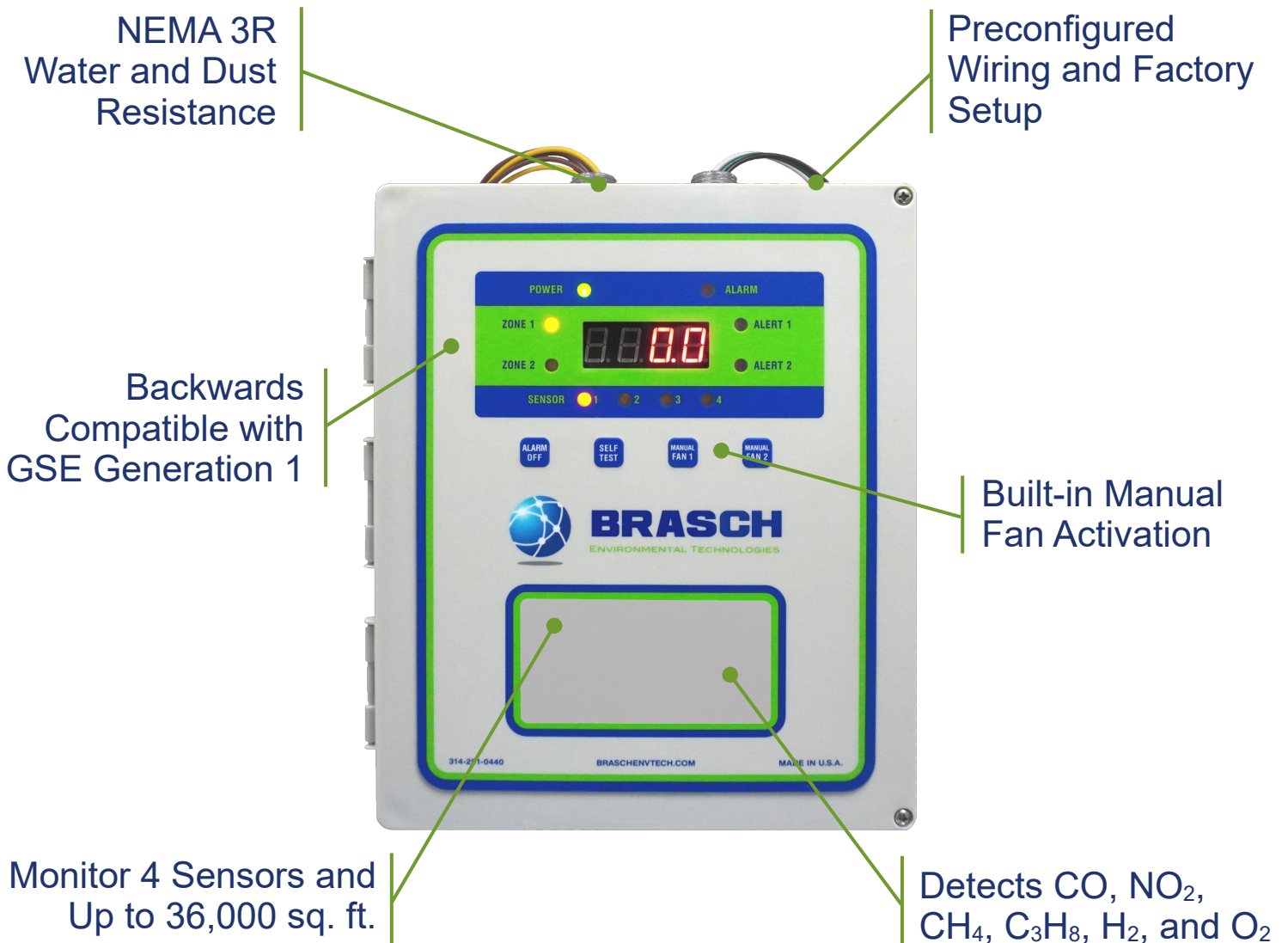




Monitor toxic and combustible gases and control HVAC equipment with the GSE Generation 2. Connect up to 4 sensors in any combination of local or remote placement to create the ultimate standalone gas detection system for small- to medium-sized applications.





Input/Output						
Input Power	120 VAC, 50/60 Hz, 0.2 A 24 VAC, 50/60 Hz, 1.0 A					
Power Consumption	24 VA					
Control Relays	6 relays, 5A @ 125 VAC / 250 VA					
Analog Outputs	User-selectable 4-20 mA, 0.2-1 VDC, 1-5 VDC, or 2-10 VDC with zero offset enable/disable					
Environmental						
Storage Temperature	-50°C to 120°C (-58°F to 248°F)					
Operating Temperature	-20°C to 50°C (-4°F to 122°F)					
Humidity	15% to 90% (non-condensing)					
Interface						
Display	4-digit numeric, red					
Front Panel Indicators	10 LEDs, Power (green), Sensors 1-4 (yellow), Zones 1-2 (yellow), Alert 1-2 (red), Alarm (red)					
Alarm	106 dB @ 10 cm, 3.8 kHz piezoelectric element					
General						
Sensor Capacity	Up to 4 sensors, combination transmitters count as 2 sensors					
Dimensions	8.72" W x 10.50" H x 2.90" D (22 cm W x 27 cm H x 7 cm D)					
Weight	4.5 lbs (2.04 kg)					
Housing	Gray, NEMA 3R, polycarbonate plastic					
Compliance						
Performance (CO/NO2 Only)	ANSI/ISA 92.00.01-2010 (R2015)					
Electromagnetic Interference	EN 50270, FCC Part 15 Subpart B (Pending)					
Environmental	RoHS					
Gas Detection						
Gas	Range	Low Alert	High Alert	Expected Sensor Life	Calibration Duration	Radius
CO	0-200 PPM	20, 25, 30, <b>35</b> , 40, 45, 50, 55 PPM	100 PPM	> 7 Years	2 Years	50 ft.
NO <sub>2</sub>	0-10.0 PPM	0.3, 0.5, 1.0, <b>1.5</b> , 2.0, 2.5, 3.0, 4.0 PPM	5.0 PPM	> 5 Years	1 Year	50 ft.
CH <sub>4</sub>	0-100% LEL	2.5, 5, 7.5, <b>10</b> , 20, 25, 30, 40% LEL	50% LEL	2 Years	N/A	40 ft.
C <sub>3</sub> H <sub>8</sub>	0-100% LEL	2.5, 5, 7.5, <b>10</b> , 20, 25, 30, 40% LEL	50% LEL	2 Years	N/A	40 ft.
H <sub>2</sub>	0-100% LEL	2.5, 5, 7.5, <b>10</b> , 20, 25, 30, 40% LEL	50% LEL	2 Years	N/A	40 ft.
O <sub>2</sub>	0-25% V/V	20, 19.5, 19, <b>18.5</b> , 18, 17.5, 17, 16.5% V/V	16% V/V	> 5 Years	2 Years	30 ft.