



Standard System Selection (Note 1)				
Battery Room Size (Note 1)	Number of Sensors	HYD-S	HYD-2C	HYD-4C
Less than 1000 sq. ft.	1	HYD-S	HYD-2C-1LEL	--
1000 to 2000 sq. ft.	2	--	HYD-2C-2LEL	--
2000 to 3000 sq. ft.	3	--	--	HYD-4C-3LEL
3000 to 4000 sq. ft.	4	--	--	HYD-4C-4LEL
>4000 sq. ft.	Contact EnviroGuard for sizing and selection			
Typical Application				
VRLA Open Racks & Cabinets	YES	YES	--	--
Telecom, Cell Sites	YES	YES	--	--
Mission Critical	--	YES	YES	YES
Utilities	--	YES	YES	YES
Healthcare	--	YES	YES	YES
General Specifications				
Monitor				
Number of Sensor Channels	1	2	4	
Approvals	--	CSA	CSA	
Display	LED	4 line Alphanumeric LCD	4 line Alphanumeric LCD	
Enclosure Rating	ABS, Indoor Housing	NEMA-4X	NEMA-4X	
Power	115VAC or 24VDC	115VAC or 24VDC	15VAC or 24VDC	
Alarm Levels	2	2	3 (Note 2)	
Built-in Audible Alarm	Internal, 85 db	Internal, 94 db	Internal, 94 db	
Alarm Relays	2-12A Relays (Note 3)	7-10A Relays (Note 4)	13-10A Relays (Note 5)	
4 – 20 mA Output	--	YES	YES	
MODBUS (Note 6)	--	--	YES	
Sensor				
Sensor	LEL	Direct Connect LEL	Direct Connect LEL	
Type	Metal Oxide Semiconductor	Catalytic	Catalytic	
Approvals	--	UL or CSA	UL or CSA	
Housing J-Box	--	Explosion Proof	Explosion Proof	
Maximum mounting distance from monitor (Note 7)	30 ft.	500 ft.	500 ft.	
Accessories				
Calibration Kit	HYD-S-Calibration	HYD-2C-Cal	HYD-2C-Cal	
Battery Backup	--	HYD-SBU	HYD-SBU	
Notes:				
1. Industry guideline for sensor spacing is 40 to 50 feet apart. Assumptions are: typical ceiling height of 12 ft., room width is no less than 60% of length and battery racks are spaced evenly within room. Contact EnviroGuard for confirmation and non-common room configurations. 2. Alarm levels are programmable. 3. One relay for each alarm level. 4. 10 amp rated (at 115VAC). Two relays for alarm levels per channel, plus two relays for common and 1 common fail. 5. 10 amp rated (at 115VAC). Two form "C" contacts per channel (configurable). Five common relays: Alarm 1, Alarm 2, Alarm 3, All Alarms & Fail. 6. Modbus RTU output standard, fully configurable, 2-wire RS-485, 1200 to 19.2 baud. 7. Sensor/Transmitters required for greater than 500 ft. between monitor and sensor. Consult EnviroGuard for more information.				