



VPH-10000 & VPH-10000-2 Vaporizers

Vaporizer Competitive Comparisons:

See why Hydro Instruments sets the new industry standard for chlorine, sulfur dioxide and ammonia vaporizers.

Feature	Hydro Instruments VPH-10000	Hydro Instruments VPH-10000-2	Wallace & Tiernan 50-200	Capital Controls 71V3000
Modbus Communication	Yes	Yes	No	No
Heater/Water Temperature Control	SCR using Set Point Control, 4-20 mA	SCR using Set Point Control, 4-20 mA	Thermostatic	Thermostatic
Heater Power	18 kW (Standard Due to Enhanced Process Control)	18 kW (Standard Due to Enhanced Process Control)	12 kW, 15 kW or 18 kW	12 kW, 15 kW, or 18 kW
Superheat Display	Automatic	Automatic	Requires Calculation	Requires Calculation
Superheat Alarm	Yes	Yes	No	No
Chlorine Pressure Monitoring	Pressure Transmitter (0-300 Psig)	Pressure Transmitter (0-300 Psig)	Pressure gauge (0-300 Psig)	Pressure gauge (0-300 Psig)
Chlorine Temperature Monitoring	Thermocouple	Thermocouple	Temperature Gauge	Temperature Gauge
Water Tank	Stainless Steel	Stainless Steel	Galvanized Steel	Stainless Steel
Water Circulation	Yes	No	Yes	No
Drain Valve	1 1/2"	1 1/2"	3/4"	1"
Superheat Baffles	Yes	Yes	No	Yes
4-20 Outputs	6	6	0	0
Alarm Relays	5	5	3	3
Pressure Reducing Valve Relays	2 available as duty/standby	2 available as duty/standby	1	1
Automatic Water Level Control	Yes	Yes	Yes	Yes
Cathodic Protection	Yes	Yes	Yes	Yes
Maximum Capacity	10,000 PPD (200 kg/hr.) Cl ₂	10,000 PPD (200 kg/hr.) Cl ₂	10,000 PPD (200 kg/hr.) Cl ₂	10,000 PPD (200 kg/hr.) Cl ₂
ASME Sect. VIII Div. 1 Certification	Yes	Yes	Yes	Yes
Chlorine Institute Conformance	Yes	Yes	Yes	Yes
Factory Assembled	Yes	Yes	Yes	Yes