Water Quality Monitoring Panel (WQMP)

Expertise + Simplicity

Water Quality Monitoring Panels offer application specific Hach sensor and electorde configurations in the convenience of one panel and are pre-engineered, ready to install, simple solutions—that are designed to work together.

Quality from start to finish

Our panel configurations allow you to maximize the inherent quality of the instruments, providing peace of mind while leveraging Hach's 100 years of water quality innovations.

Ease of installation

When you buy a water quality monitoring station from Hach, you'll receive an expertly designed, preassembled panel that makes installation straightforward and user friendly.

Up and running in no time

Our preassembled, ready-to-use solutions streamline the process between purchasing and startup.

Technical Data*

Range	Sensor Monitoring Options: Conductivity, two options (3700 Series, 3798sc) ORP pHD DO (LDO2) Turbidity (4,000 NTU) Suspended Solids (50 g/L) UV254
Controller	SC1000 Digital Controller Sensor Types, Digital output, Sensor to Controller, Distance 1000 m, per RS485
Mounting	Wall or Rack
Process connection	Sample Inlet: ½" OD tubing or ⅜" NPT Sample Drain: ¾" NPT or hose barb Sampler Connection: ¼" NPT connection on inlet manifold
Weight	39.5 kg (87 lbs)
Dimensions	28.6" x 40" (W x H)
Sample Temperature	5 - 40 °C
Sample Pressure	20 - 100 psi (1.4 - 6.9 bar)
Power	115/230 VAC, 60 Hz 30 VA max. power consumption for other electronics
Display	SC1000 Controller Display Module
Communication	Modbus RS485
Solution Type	Drinking water, raw and treated

Subject to change without notice.

Dimensions
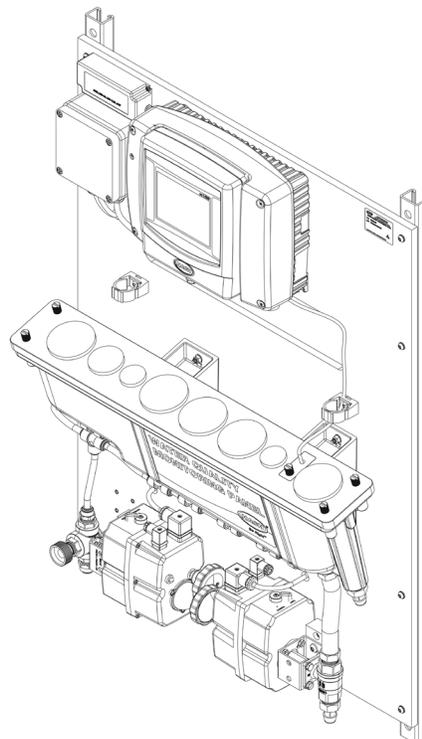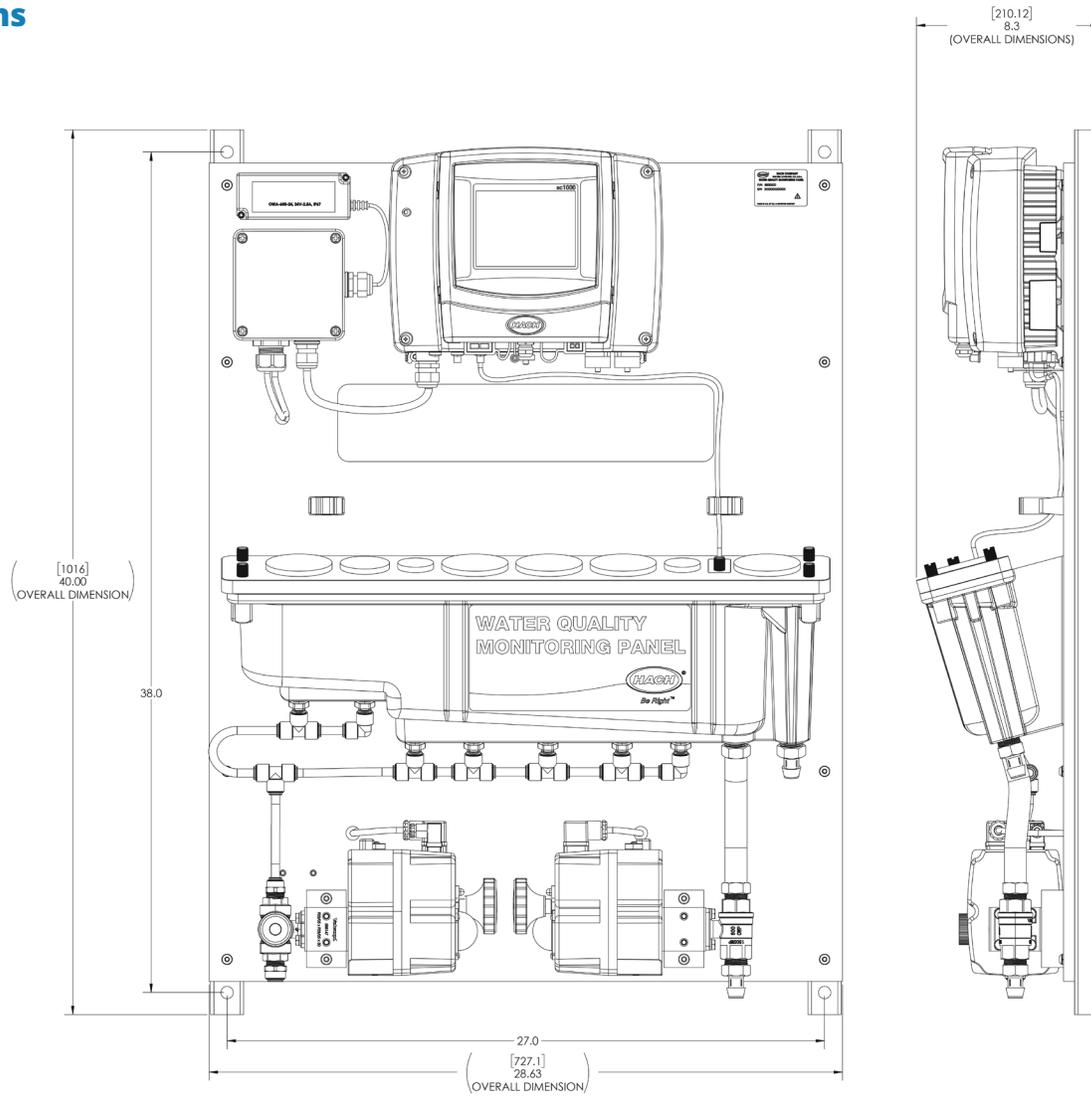
Order Information

Panel

8828000

Sensor and Electrode Options

D3725E2T-WDMP	Electrodeless Sensor for WDMP sc
DRD1R5-WDMP	ORP Sensor, PPS, WDMP Mounting, Digital
DPD1R1-WDMP	Digital pH Sensor, PPS, Water Distribution Monitoring Panel Mounting
9020000	Hach LDO 2 sc Dissolved Oxygen Probe
LXV323.99.10002	TSS sc Turbidity & Suspended Solids
LXV423.99.10000	Turbidity, t-line sc, PVC with wiper (0.001 to 4000 NTU)
LXV423.99.10100	Turbidity and Suspended Solids, ts-line sc, PVC with wiper (0.001 to 4000 NTU, 0.001 mg/L to 50 g/L)
LXV417.99.50002	Nitratax plus sc Sensor, 5 mm path length with automatic cleaning
LXV418.99.50002	5 mm UVAS sc sensor only
LXV428.99.00001	3798-S sc Digital inductive conductivity sensor, 10m cable
LXV440.99.00002	AN-ISE sc Low cost ISE combination Ammonium and Nitrate probe (immersion) with RFID, 10 m cable
LXV441.99.11302	FP360sc Oil-in-Water Sensor, 500 ppb, Stainless Steel Body, 1.5 m cable, without cleaning unit

Installation

The WQMP sc Water Quality Monitoring Panel comes fully assembled on a corrosive-resistant HDPE panel with fiberglass mounting rails for easy installation onto a wallor rack. Simply connect the sample line (1/2" OD tube, factory supplied) to the inlet port and run a waste line (3/4" ID reinforced PVC hose) from the outlet port to a drain. The total sample flow requirement is 1.5 - 8.0 L/min.
A 115V, 60Hz power source is required. Total power consumption is 500VA maximum.

Accessories		**Sensor for Adaptors**	**Sensor Part Numbers**	**WQMP Port Size**
6858400	Adapter, SS, Turbidity, Ammonium/Nitrate	Solitax - T-Line, Solitax - TS-Line, TSS sc, An-ISE sc	LXV423.99.10000 LXV423.99.10100 LXV323.99.10002 LXV440.99.00002	Large
8548600	Adapter, LDO 2 sc	LDO	90200xxxx	Large
6858800	Adapter, Electrodeless Conductivity Sensor	3700 Series Conductivity	D3725E2T-WDMP	Medium
6859000	Adapter, pHD/ORP Sensor	Digital pHD Digital ORP	DRD1R5-WDMP DPD1P1-WDMP	Small
8549400	Adapter, Nitratax/UVAS/Oil-In-Water	Nitratax Plus sc UVAS Plus sc Oil-In-Water	LXV417.99.50002 LXV418.99.50002 LXV441.99.11302	Large