

# QLS-RC-3 comp

# QLS-RS-3 seq

The refrigerated Quick Lift Sampler™ delivers an accurate repeatable sample and long horizontal runs that don't affect sample integrity. By combining proven durable vacuum/pressure pump technology with the **patent pending "self-learning" smart sampling system**, QCEC delivers durability—and a standard **two-year warranty**—with every unit.

The QLS comes in composite or sequential/composite options. All QLS models offer industry-leading lift (28 ft),  $\frac{3}{8}$ " ID intake tubing, and a 5-gallon polyethylene composite container with full-bottle shut off and exceed EPA standards for lift and velocity.

The QLS uses QCEC's **smart sampling** technology. The control module contains the microcomputer and all electrical components, and is enclosed in a NEMA 4X enclosure located on top of the refrigerated sampler. The refrigeration unit is frost free and capable of maintaining a temperature of 0°- 4° C.

#### General specifications:

- Sample system: vacuum/pressure pump
- Vertical lift: 28 ft
- Sample transparent velocity: greater than 3.40 ft/sec at 20 ft exceeds EPA requirement
- Sample volume: programmable 20-500 ml in 1 ml increments
- Power requirements: 115 VAC

#### Standard controller features:

- Pre-sample/post-sample purge – 0 thru 99 sec
- Programmable sample size 20-500 ml in 1 ml increments  $\pm 4$  ml
- Auto shut-off
- Flow-proportional sampling
- Delay start
- Real-time clock
- Timed-interval sampling
- Start/stop programming
- Full-bottle shut-off
- Data logging
- Pass code protection
- Self-diagnostics

#### Controller options:

- Rinse cycle (1-4 attempts)
- Alarm output
- Float start
- Recycle (1-4 attempts)
- Multiplexing
- Consecutive sampling
- Sample size 20-1000 mlf

#### QLS-R options:

- Fiberglass outdoor enclosure with fan, heater, insulation, duplex outlet, stainless steel door latch and hinge
- Standpipe arrangement constructed of 1½" PVC inlet and outlet for pressurized line applications

