TCU Bubbler Unit – TBU360

The TCU Bubbler Unit uses patent-pending level sensing and fault detection to provide a low-cost, small-footprint well level solution.

The TCU Bubbler Unit (TBU360) is a low-cost well-level solution based on the KISS principle. It has a small, compact design that allows the bubbler transducer unit to be mounted in a control panel – instead of the wet well.

The TBU360's footprint is less than 10% of a typical bubbler system. There's no large and expensive air compressor, air tank, or flow regulator to adjust or maintain. Its patented design also does away with mercury switches and differential pressure settings.

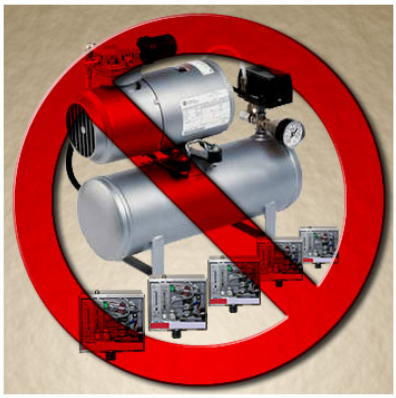
The TCU Bubbler Unit supports both continuous draw down (pump down) and fill up (pump up) operation, and it can be programmed for incremental level readings similar to floats.

This level sensing and fault detection device is an optional add-on to Data Flow Systems' popular multi-pump controller, the Telemetry Control Unit. The TCU analyzes a 4-20 mA signal from a pressure transducer to detect well level and proper operation of the bubbler's air pump.

Compact, patent-pending design allows bubbler transducer unit to be mounted in the control panel - instead of the wet well!

Features

- Patent-pending design with footprint that is less than 10% of a typical bubbler system
- Dramatically outlasts submersible pressure transducers
- Does away with float cables, mercury switches and differential pressure settings
- No more air compressor, air tank, or flow regulator to adjust or maintain
- No voltage signals introduced into wet well
- Non-clogging, self-cleaning
- Detects air-pump failure without the use of flow switches
- Automatic switch over to second air pump upon primary air pump failure
- Small compact air pump (3.25" width x 4.25" length x 2.75" height)
- Powered by the Telemetry Control Unit (TCU)
- Repair and replacement parts available separately
- Full one year warranty on parts



Eliminates need for big, expensive air compressor, tank, flow regulator, mercury switches, and differential pressure settings.

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