

WATER TREATMENT EQUIPMENT

For slurry water treatment generated from stone working equipment on granite, marble, limestone and other natural hard rock or similar.

ECONOMICAL WATER TREATMENT AND MUD SLUDGE COLLECTOR

Now, there is a competitively priced Water Treatment System that allows full recirculation of water to all stone fabrication equipment.

With the Patent Pending timed slug mud slurry drop out design, the collected sludge is dropped into final dehydration bag/s where the last of the water is squeezed out.

Below bottles illustrate the high efficiency of the FloKleen unit on the toughest of all slurry applications, limestone. Without the direct use of chemical flocculants, grey to almost clear water was generated



- GALVANIZED OR STAINLESS STEEL OPTIONS FOR CONSTRUCTION
- SIMPLE DESIGN THAT DOES NOT REQUIRE THE USE OF CHEMICALS TO CLEAN THE WATER AND COLLECT THE STONE SLUDGE
- OPTIONAL SEQUENTIAL PATENT PENDING "DOUBLE FLOW" MUD DROP ALLOWS USE OF SINGLE LARGE BAG WITHOUT OVERFLOW CONCERNS
- COMPLETELY MADE IN THE U.S. WITH AMERICAN COMPONENTS.

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"Better Air Ideas"
SCHUBERT
ENVIRONMENTAL EQUIPMENT, INC.
Air Pollution Control Equipment & Sheet Metal Fabrication

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Specifications:

- 1) Construction to be 12 gauge Galvanized or 304 Stainless Steel for all metal surfaces that are on contact with water.
- 2) Heavy Structural Steel Painted Framework to hold the Clarifier and Double Flow Assembly.
- 3) Clarifyer Plates to be 3/8" polypropylene plastic.
- 4) Clarifier Plates to be at exact angle determined by Stokes Law.
- 5) Patent pending Single or Double Flow Mud drop out design that slug feeds 2-3 gallon load into the mud separator bag. Digital control of this device allows 15 seconds to 24 hour operation of a single load fill. This to be determined by owner and recommendations by supplier.
- 6) Mud Drop System to be operated by bronze valve/s with pneumatic (small requirement of compressed air) actuator/s and electrically controlled by fully adjustable double action 110 volt timer/s. One or two valves/timers required for either single/double drop.
- 7) Control of Single/Double Flow Mud drop out to have a push button "full open" control to allow for "fast empty" of the Clarifier.

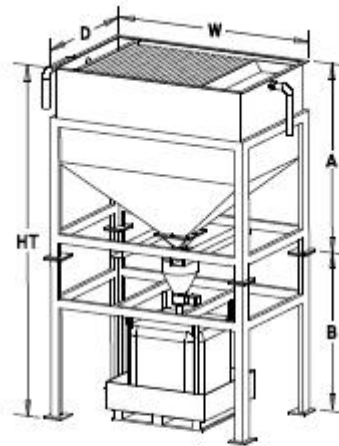
OPTIONS:

- 1) Submersible (with float valve) Gathering Pit Pump to bring the slurry water from owner's pit to the FloKleen Unit Inlet.
- 2) High Pressure Return Water Pump to pump water from owner's Retention Vessel/s back for re-use in facility.
- 3) Retention Vessel (filled by gravity flow from FloKleen Unit) and allowing cleaned water to be returned to facility for equipment re-use.



TOP VIEW OF FLOKLEEN UNIT
SHOWING CLARIFYER PLATES

DIMENSION SHEET showing single mud drop



	HT	W	D	A	B	PLATES
MICRO	10' - 0"	76"	64"	90"	30"	24
SC-100/150	11' - 6"	82"	64"	81"	57"	32
SC-150/200	12' - 6"	106"	64"	93"	57"	48

SINGLE FLOW DIMENSIONS ARE SHOWN - *DOUBLE FLOW* IS 2' HIGHER