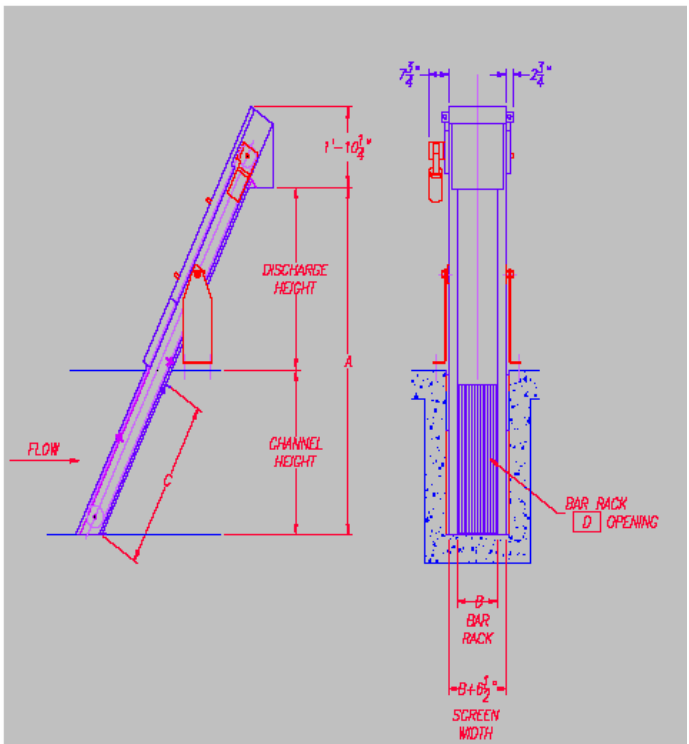
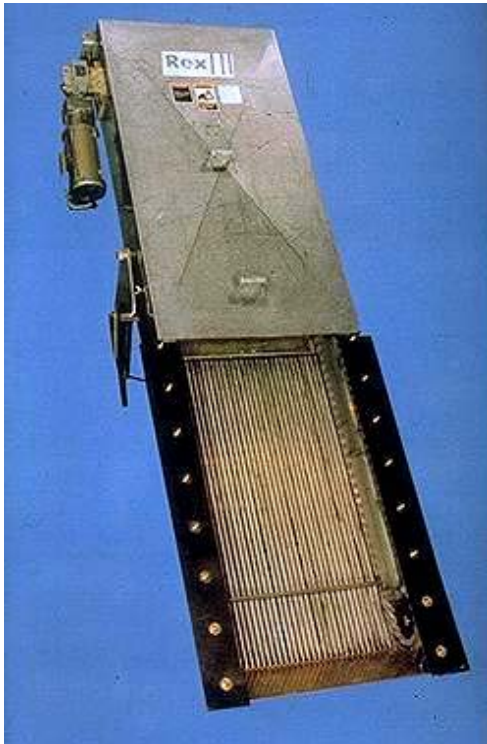


# Rex<sup>®</sup> Series 1000 Bar Screen



The Series 1000 Bar Screen is a self-contained chain and rake type screen. The screen can be designed to pivot out of the channel. The debris is captured by the bar rack and removed by multiple rakes from the upstream side of the screen. The screen can be supplied with a screw compactor or washing compactor. The screen is constructed of stainless steel. The Series 1000 Bar Screen is designed to operate at regular intervals 24 hours per day. A start timer will initiate the cleaning cycle to remove the collected debris from

the bar rack. The unit will cycle until two (2) rakes have passed the stop limit switch at which time the unit will shut down until the off timer initiates another cycle. The off timer is adjustable to suite each application. The off timer will be set for 15 minutes. A float switch or differential control can be provided to over ride the timer an initiate a cleaning cycle.

# Rex<sup>®</sup> Series 1000 Bar Screen

## Design Data Sheet

- Material of construction:  
Stainless steel (304, 304L, 316, 316L)
- Angle of inclination:  
60° standard, 75° optional
- Discharge height: (bottom of channel to discharge of screen)  
5'-0", 6'-6", 8'-0", 9'-6", 11'-0", 15'-0"
- Bar rack length:  
28", 48', 60"
- Bar rack openings:  
.25", .375", .50", .75", 1"
- Bar rack width:  
9", 12", 15", 18", 21", 24", 27", 30"
- Screen width:  
Screen width is bar rack plus 6.75"
- Number of rakes per screen:  
Discharge height from 5'-0" to 11'-0" will be three (3) rakes  
Discharge height over 11'-0" will be five (5) rakes
- Rake capacity is 0.19 cu.ft./ft. of rake width
- Drive system:  
Worm gear reducer, out put RPM of 6.7, with a 1/3 HP motor rated  
230/460/3/60 TEFC explosion proof



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