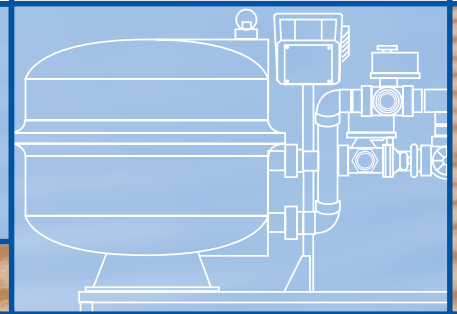




## FOR SIDE-STREAM COOLING TOWER APPLICATIONS



The TowerGuard side-stream sand filter series represents Miller-Leaman's newest generation of self-cleaning cooling tower water filtration products.

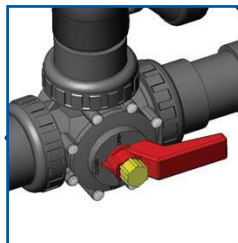
The skid mounted TowerGuard filter system automatically removes particles introduced to your system from the air scrubbing action of the cooling tower as well as particles present in the cooling tower make up water. Keeping your system free of these particles will reduce maintenance costs by keeping your cooling tower basin, heat exchanger tubes, and system piping clean. In addition, you will see an improvement in heat exchange efficiency resulting in lower energy costs. The TowerGuard utilizes a specialized granular filter media, providing particle removal approaching at the 10-micron level.

Available in a 44 GPM, 62 GPM, and 98 GPM model size, the TowerGuard filters come complete with a robust 2-piece fiberglass reinforced vessel rated at 50 PSI, a close coupled Type 316 stainless steel centrifugal pump with a TEFC motor, all mounted on a heavy-duty Type 304 stainless steel skid.

Miller-Leaman's compact, yet powerful Maxim backwash controller provides for complete control of the filter system, enabling the backwash cycle to be triggered manually, on differential pressure, or elapsed time.



All TowerGuard systems offer the versatility of backwashing with tower/source water or city/external water. This is accomplished by a turn of the backwash selector valve and a simple menu change in the Maxim controller.



The skid mounted system arrives completely assembled, pre-wired with a single-point electrical connection, and loaded with sand. Our innovative TowerGuard systems are value engineered to deliver superior performance and long-term reliability.

### SYSTEM FEATURES:

- Particle removal down to 10-micron
- Robust fiberglass reinforced polyester vessel
- Corrosion resistant, electrically-actuated PVC 3-way valves
- Type 316 stainless steel pump with a TEFC motor, available in Single-phase and Three-phase
- Single-point electrical connection
- State-of-the-art user-adjustable Maxim backwash controller
- Optional backwashing with source water or city water
- System arrives completely assembled, loaded with sand, and factory tested

### TYPICAL APPLICATIONS:

- Schools/Universities
- Hospitals
- Office Buildings
- Hotels
- Government Buildings
- Industrial Facilities

