
AquaABF® TRAVELING BRIDGE FILTERS

Features/Benefits

- Single media sand or dual media sand and coal, or granular activated carbon
- Filter bed divided horizontally into 8" or 12" wide cells
- Standard widths of 6, 9, 12.5, and 16 feet
- Corrosion resistant materials
- Low maintenance; easy access to all drives, pumps, motors and bearings
- Cast-in-place concrete* or steel package tanks
 - * *Tanks with ports and chambers are installed by other suppliers for concrete tanks*
- Fully automatic operation; minimal operator attention
- Typical hydraulic loading of 2 gpm/ft² at ADF, 5 gpm/ft² at MDF
- Typical TSS loading is 1.2 lbs/ft²/day
- Continuous filtration, even during backwash mode
- No backwash or washwater holding tanks required
- Little as 6" headloss through filter
- Capital costs are among lowest of filters available
- Continuous static head above media prevents air entrapment under porous plate
- Surface mat filtration - no mudball formation
- Only 1–3% of daily flow is typically required for backwash
- Options:
 - Manual or automatic skimming indexing backwash
 - Turbilite® backwash system to collect post backwash filtrate