

# Leopold<sup>®</sup> Type XA Underdrain

FILTRATION INNOVATION, TRUSTED PERFORMANCE

Engineered for superior uplift resistance and easy installation, with a low profile design that provides unparalleled versatility, the Leopold Type XA underdrain provides the performance you expect.

## Superior Performance

- **Maximize uplift resistance:** The patented grout pocket withstands uplift pressures up to 30 psi (>2.0 bar). This superior uplift resistance is more than any other underdrain, delivering robust, dependable performance for decades of worry-free operation.
- **Optimize media cleaning:** Innovative dual parallel lateral ensures superior backwash air and water distribution, which means a cleaner filter, longer filter runs, and lower operating costs for the bottom line.
- **Minimize maldistribution:** Water recovery channels provide the same uniform air scour and the maldistribution index is less than five percent!



Type XA Underdrain  
with I.M.S.<sup>®</sup> 1000  
media retainer

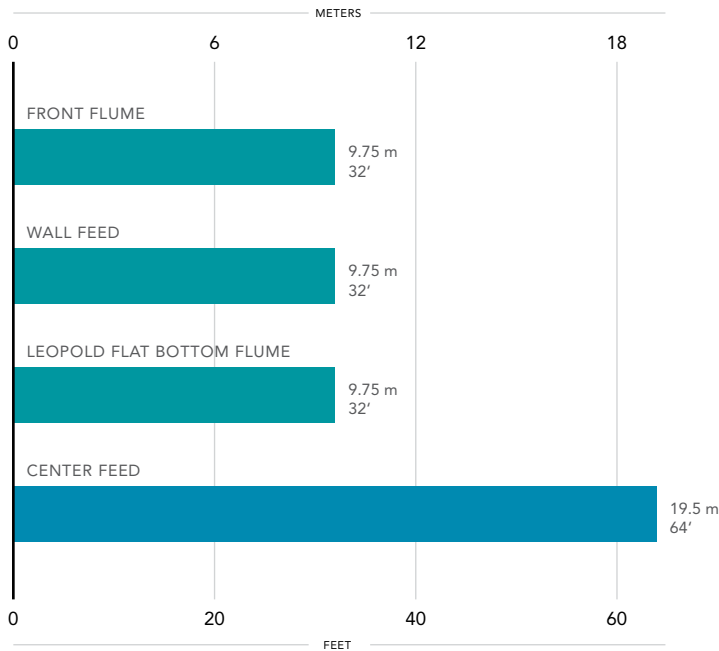
# Leopold Type XA Underdrain

REVOLUTIONARY LOW PROFILE DESIGN - FROM THE LEADER IN FILTRATION INNOVATION

## Flexibility, affordability, performance and reliability – all standards of Leopold engineering excellence

In addition to superior uplift resistance and superb backwash, the Type XA underdrain provides unprecedented flexibility and quicker, more affordable construction, all in a low profile underdrain. Longer laterals combined with all the standard flume layout options have more design flexibility than any other low profile underdrain. Specially engineered features allow quick, easy construction or retrofits without compromising quality, reliability or performance.

### Lateral Length



I.M.S. 200 media retainer



Grout pocket

### Superior Versatility

- Lowest profile: 10 5/8 inch (27cm) profile with I.M.S 200 cap allows for deeper media or higher driving head without requiring more vertical sidewall, lowering construction costs or improving filter performance.
- Longer laterals for low profile – up to 32 feet (9.75 meters) for front flume or wall feed; 64 feet (19.5 meters) with center feed flume.
- Choose feed options: compatible with wall sleeve, center flume or front flumes, and the Leopold flat bottom flume.
- Replace up to 14 inches (35.6 cm) of gravel for an even lower profile with the I.M.S 200 or I.M.S 1000 media retainers. (8.25 inches (21cm) without media retainer.)
- The design flexibility is ideal for new installations or retrofitting existing filters.

### Fast Installation - With a Click and a Snap

- Reduced installation times means getting into production faster.
- Quick click handles let two workers easily maneuver blocks into position.
- Modular blocks snap together with bell and spigot seal, speeding installation.
- GROUT-TITE® bridge prevents grout from entering flume, eliminating costly cleanup.
- Easy leveling with just a tap. Grout pocket holds block in place with two-part grout pour.
- Monopour installation is also easy with the grout pocket, eliminating the need for extra stainless steel hold-downs.
- Forgiving installation tolerances due to interior baffles, which simplifies installation and retrofits.

**xylem**  
Let's Solve Water

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