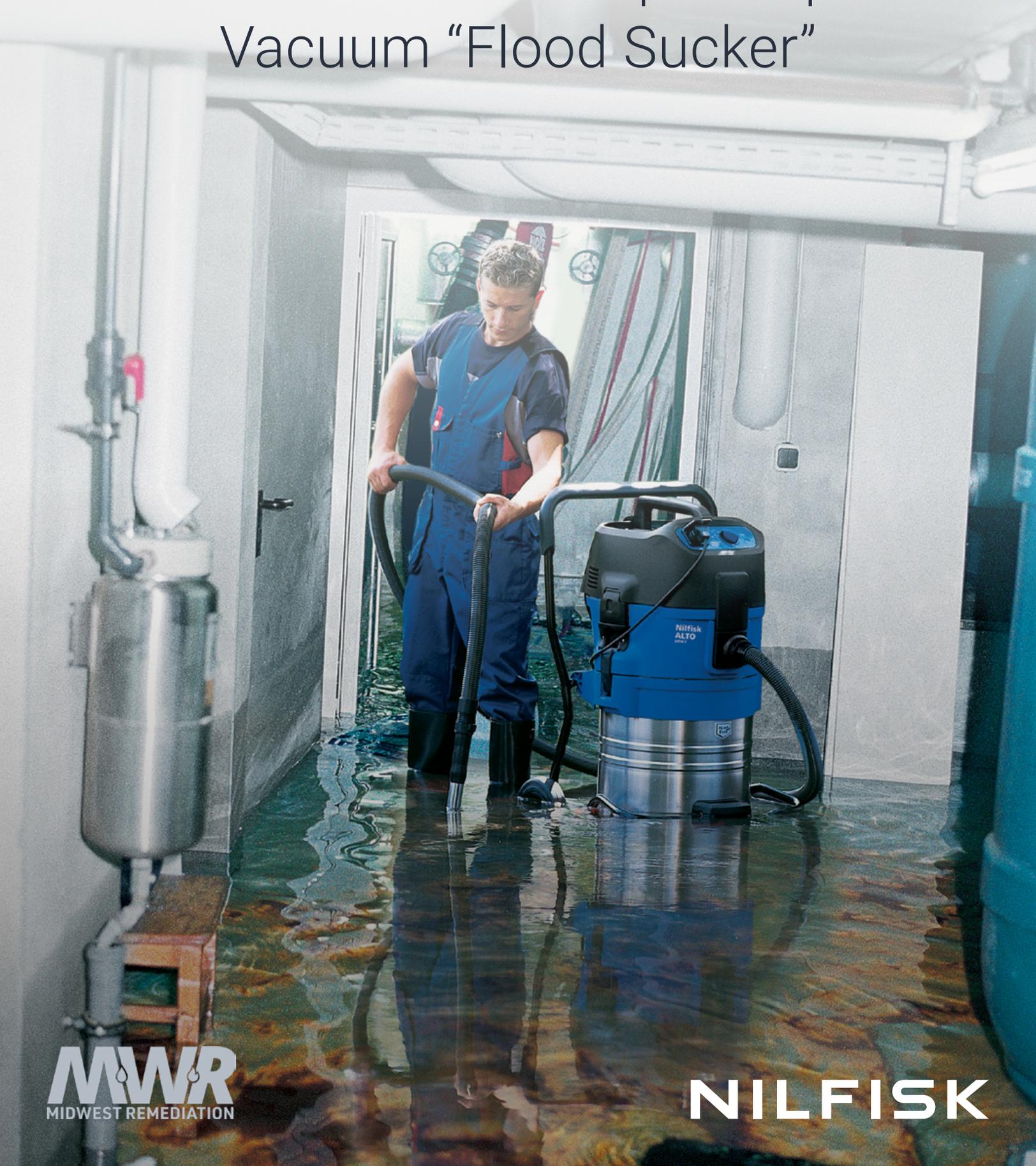


CASE STUDY

ATTIX 19AE Sump Pump Vacuum "Flood Sucker"



Midwest Remediation puts portable sump pump vacuum to the test

Since 1989, Midwest Remediation has been a leader in commercial and residential disaster clean-up/restoration in central Indiana and surrounding areas. Their business continues to grow, as does their need for top-notch equipment.

“The faster and more completely we can clean up a disaster area, the less damage will be caused, and the quicker we can move on to the next job,” explains Connell Pierce, Business Development, Midwest Remediation. “Our customers can also save on labor costs. That’s why we are always looking at the latest advancements – so we can work as efficiently as possible.”

The challenge

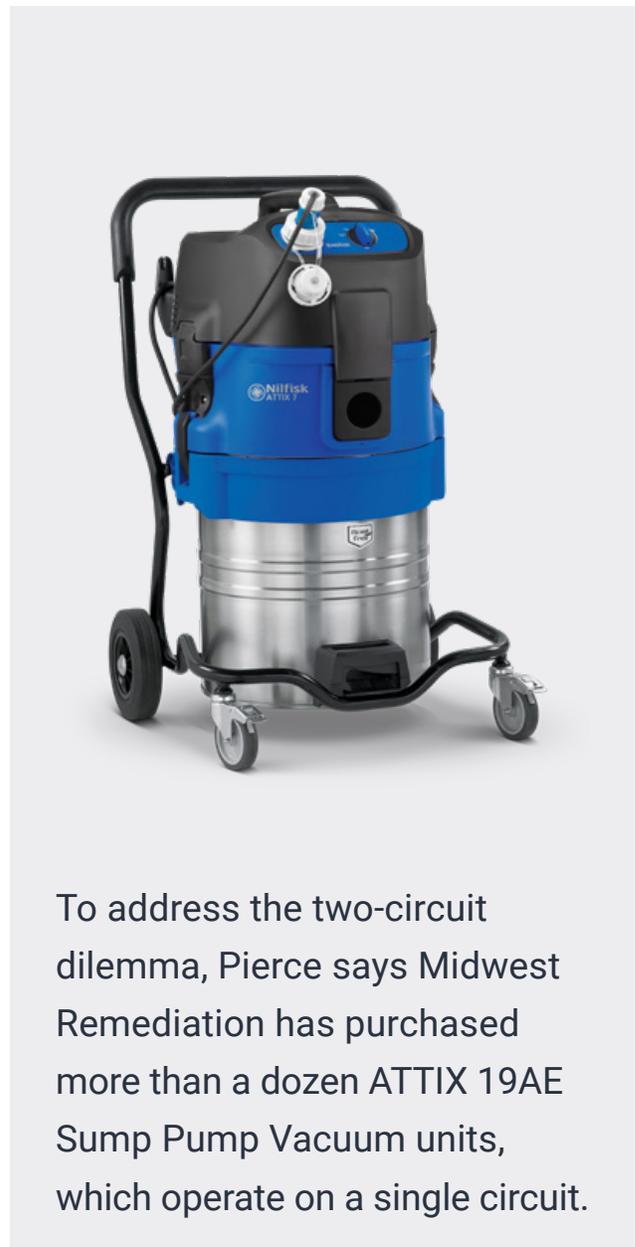
For water removal, Pierce says they rely on truck mount machines for single-story buildings and on portable sump pumps for multi-stories like apartment complexes, hospitals and commercial buildings.

“One of the biggest challenges with most portable sump pumps is that they need two electrical circuits to get good suction,” he says. “That’s a huge problem, because it can be hard to find two circuits on a job site.”

The single-circuit solution

“The ATTIX Flood Sucker has been a game changer for us because it is so lightweight and powerful, and it provides full suction on just one circuit,” he says. “You don’t have to search for a second circuit; you can get right to work. And when it fills to 19 gallons, the ejector pump automatically discharges into a sturdy 1.5-inch hose so you’re not losing any time walking back and forth to empty a tank. It’s truly one of a kind.”

While the single-circuit operation of the ATTIX 19AE portable sump pump vacuum was a key selling point, Pierce says his team also wanted to verify that the units would perform as promised in terms of water removal rate.



To address the two-circuit dilemma, Pierce says Midwest Remediation has purchased more than a dozen ATTIX 19AE Sump Pump Vacuum units, which operate on a single circuit.

To compare the ATTIX 19AE to other extraction equipment, Pierce and his team set up a head-to-head test in the Midwest Remediation “flood house” they use for training.

The test compared three flood extractors: a truck mount, a leading portable sump pump and an ATTIX 19AE.

Results

Equipment	Performance	Extraction tools		
		Wand	Water claw	Hydro-X*
Truck mount	400 CFM	7.0 lbs. water	1.7 lbs. water	1.2 lbs. water
Go-to portable sump pump	239 CFM	10.3 lbs. water	3.6 lbs. water	2.6 lbs. water
ATTIX 19AE Portable Sump Pump Vacuum	150 CFM	11.1 lbs. water	4.0 lbs. water	2.2 lbs. water

Not surprisingly, the truck mount machine proved powerful and able to move large amounts of water. Pierce believes truck mounts are the obvious choice for single-story buildings where a truck can be driven close to the loss area. “However, in multi-story buildings you may be a hundred feet or more from the building, not to mention trying to haul the hose from floor to floor, around obstacles, etc.,” Pierce explains. “You lose 1 CFM with every foot of hose you have

to reel out. So for multi-stories, you really need to look at portable units that can easily send water to the exterior of a building or nearest interior drain, such as in a janitor’s closet. Comparing portables was where we learned a lot in this test.

The test evaluated each extractor’s performance – using 2” hose and three different tools – based on the weight of water left in a 3’ x 3’ residential carpet pad.

Conclusion

“The ATTIX Flood Sucker outperformed the most used portable in our industry, leaving less water in the carpet, and with only one circuit,” concluded Pierce. “The Flood Sucker is also quieter and can be used with the Hydro-X, the preferred extraction tool for efficiency and ease of use. We are now using the Flood Sucker for all our portable needs and couldn’t be happier with it.”

Midwest Remediation trains operators and tests equipment, like the Hydro-X with the Attix 19AE Sump Pump Vacuum, at its “flood house” facility.



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