



CONNECT AND PROTECT

WeatherFlo HD Enclosures

WeatherFlo HD

ULTIMATE OUTDOOR PROTECTION AND COOLING FOR HEAVY-DUTY VARIABLE FREQUENCY DRIVES (VFD) UP TO 500 HP

PROTECT THE OPERATION OF YOUR VFD IN HARSH ENVIRONMENTS.

WeatherFlo HD enclosures ensure sustained operation and heavy-duty VFDs in extreme environments. With high-performance, shielded impellers and rugged construction, WeatherFlo HD protects and cools critical VFDs up to 500 hp. WeatherFlo HD is the first comprehensive solution engineered specifically to house VFDs, offering integrated cooling with passive cooling options and provisions for multiple accessory impeller packages providing 840 actual CFM of exhaust airflow per

impeller. With an exclusive feature set and total solution testing at our UL-certified facility, WeatherFlo HD is engineered to withstand punishing elements and conditions while protecting operational integrity, minimizing maintenance and extending drive life.

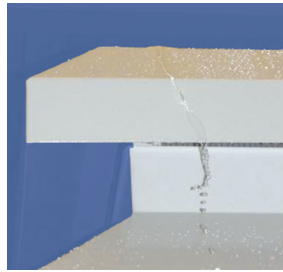
APPLICATIONS INCLUDE:

- Water and wastewater
- Mining and boring
- Pulp and paper
- Oil and gas
- HVAC and irrigation pumps

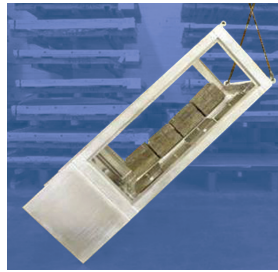
WEATHERFLO HD IS AVAILABLE IN VERSATILE CONFIGURATIONS, INCLUDING ONE- OR TWO- DOOR MODELS WITH A CHOICE OF BASES, COVERS AND TOPS TO SATISFY DIVERSE APPLICATIONS.



Airflow tests measure output and validate actual heat dissipation



UL Type 3R test ensures reliable protection against water ingress



Strength tested up to two-times the safety factor of a typical 500 HP VFD

UL TESTED FOR DURABILITY, AIRFLOW AND SAFETY.

Industry standards exist to promote safety, encourage design efficiency and define minimum levels of product performance. It's for these reasons that the complete WeatherFlo HD solution was tested—not just certain components—in an UL approved laboratory. Testing went above and beyond the 3R certification

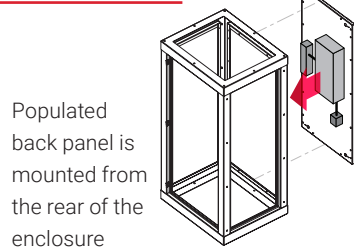
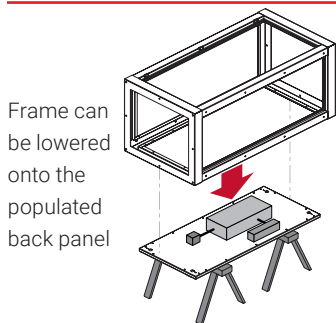
requirements to ensure reliable performance, including durability, optimal airflow and safety features. Trust your VFD investment to a solution that's been tested to the extreme.

UL Type 3R  c  us Type 3R

IEC IP22 NEMA/EEMAC Type 3R



TWO SIMPLE BACK PANEL LOADING OPTIONS:



CFM INFORMATION

Number of Impellers	CFM	Max Heat Dissipation (in watts) at:			
		10° Delta T	20° Delta T	30° Delta T	40° Delta T
1	840	2,654	5,309	7,963	10,618
2	1,680	5,309	10,618	15,926	21,235
3	2,520	7,963	15,926	23,890	31,853
4	3,360	10,618	21,235	31,853	42,470

Calculated using the following equation: Watts = .316 x CFM x ΔT

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Minneapolis, MN

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Toronto, Canada

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Sao Paulo, Brazil

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