

WEATHERFLO® TYPE 3R Vented Outdoor Enclosures

PROTECTING YOUR ADVANTAGE



*Innovative technology from
Hoffman saves design time—
and heat-sensitive equipment*



ADVANTAGES AND FEATURES:

- **Active cooling ventilation system** with fan and filter
- **Multiple enclosure sizes** with larger aluminum enclosures for significant weight savings
- **Easily accessed** washable expanded metal filter
- **Top front hood exhaust** and door intake minimize footprint
- **Lift-off hinged door and quarter-turn latch** for easy component configuration and access
- **External mounting feet** and collar studs provided

Virtually eliminate solar gain

WEATHERFLO's TempGard technology fights heat buildup two ways:

- A reflective white polyester exterior finish (powder coated) reduces solar heat load by up to 70%. Additional shielding in the top and intake cover reduces solar absorption another 25%.
- Forced-air ventilation draws in ambient air at the bottom of the enclosure and exhausts it out the top, eliminating hot spots. An adjustable thermostat (70 -140 F) operates the fan only when needed. A protective gasket and fan filter keep contaminants out.



VFDs move outdoors to improve reliability, efficiency and energy savings

- Variable frequency drives (VFDs) have become an economical and energy-efficient solution for both HVAC and pumping systems. Hoffman's WEATHERFLO supports compliance with the ASHRAE 90.1-2004 energy code mandate.
- Positioning the VFD in proximity to the motor helps avoid harmonic distortion and reduces the need for line conditioners and other power quality equipment.
- In colder climates, optional Hoffman heater solutions incorporated into the WEATHERFLO protect drives from damage due to cold starts.

Temperature Protection with WEATHERFLO®

When it's hot out, it's even hotter inside the enclosures protecting your control systems. And heat buildup hurts equipment performance and lifespan. For every 18 F (10 C) that internal cabinet temperatures rise above normal room temperature, the life expectancy of the enclosed electronics drops 50%. (SOURCE: The Uptime Institute)

Beat the heat with WEATHERFLO® Enclosures from Hoffman. Using innovative TempGard cooling technology, WEATHERFLO protects sensitive electronics in demanding irrigation management, wastewater, HVAC and other applications with large heat loads.

And WEATHERFLO makes it easy, by providing an off-the-shelf enclosure that has a tested airflow solution to meet the thermal environmental needs of a 3R rated drive system. And, because it's from Hoffman, you know it's precision-engineered to the world's toughest enclosure standards.

Quality performance for every application

WEATHERFLO Enclosures come in multiple standard sizes and fan configurations to house 3- to 100-horsepower drives. Four models are constructed of 16-gauge or 14-gauge galvanized steel. The largest sizes are available in aluminum for lightweight strength.

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STANDARD SIZES

WEATHERFLO Type 3R Vented Enclosure with Fan

Catalog Number	Drive Horsepower	Enclosure Size A x B x C inch mm		Panel Catalog #	Panel Size D x E inch mm		Mounting Holes G x H inch mm	
WF3LP	3	35.00 x 24.00 x 12.00	737 x 610 x 305	A24P24	21.00 x 21.00	533 x 533	29.94 x 13.00	760 x 330
WF10LP	10	35.00 x 24.00 x 12.00	889 x 610 x 305	A30P24	27.00 x 21.00	686 x 533	35.94 x 13.00	913 x 330
WF25LP	25	41.00 x 24.00 x 12.00	1041 x 610 x 305	A36P24	33.00 x 21.00	838 x 533	41.94 x 13.00	1065 x 330
WF40LP	40	47.00 x 24.00 x 14.00	1194 x 610 x 356	A42P24	39.00 x 21.00	991 x 533	47.94 x 13.00	1218 x 330
WF75LP	75	55.00 x 36.00 x 16.00	1397 x 914 x 406	A48P36	45.00 x 33.00	1143 x 838	55.94 x 27.00	1421 x 686
WF100LP	100	67.00 x 36.00 x 16.00	1702 x 914 x 706	A60P36	57.00 x 33.00	1448 x 838	67.94 x 27.00	1726 x 686
—	200	Available. Contact your local Hoffman Sales Office.						
—	400	Available. Contact your local Hoffman Sales Office.						

TECHNICAL INFORMATION

Catalog Number	Drive Horsepower	Fan Catalog #	Fan Size	Fan VAC	Fan Amps 50/60 Hz	System CFM	Replacement Filter Catalog #
WF3LP	3	A4AXFN	4 inch	115	.26/.21	75	WFFI
WF10LP	10	A6AXFN	6 inch	115	.45/.36	160	WFFI
WF25LP	25	A6AXFN	6 inch	115	.45/.36	160	WFFI
WF40LP	40	A6AXFN	6 inch (2x)	115	.90/.72	200	WFFI
WF75LP	75	A10EFN	10 inch	115	.58/.70	400	WFF2
WF100LP	100	A10EFN	10 inch (2x)	115	1.16/1.40	500	WFF2
—	200	Available. Contact your local Hoffman Sales Office.					
—	400	Available. Contact your local Hoffman Sales Office.					

This information is for guidance only; user is responsible for load values to evaluate the system

CAN'T TRUST THE WEATHER? TRUST HOFFMAN

For over 50 years, Hoffman has defined excellence in enclosures. With thousands of offerings in every size and shape, we're the experts in providing solutions for even the most complex applications—rain or shine. To contact your local Hoffman representative or learn more, visit hoffmanonline.com

CONSTRUCTION:

- 16-gauge and 14-gauge galvanized steel
- Aluminum construction on large sizes
- Door gasket standard
- Grounding provision on door and body

FINISH:

- RAL9003 white polyester powder texturized finish inside and out

INDUSTRY STANDARDS:

- UL 508A, File No. E61997: Type 3R
- cUL C22.2 No. 94, File No. E61997: Type 3R
- NEMA/EEMAC Type 3R
- IEC 60529, IP32

ACCESSORIES:

- Filter
- Heater
- Fans
- Panel
- Door stop (ADSTOPK)
- Terminal power connection for fan



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