

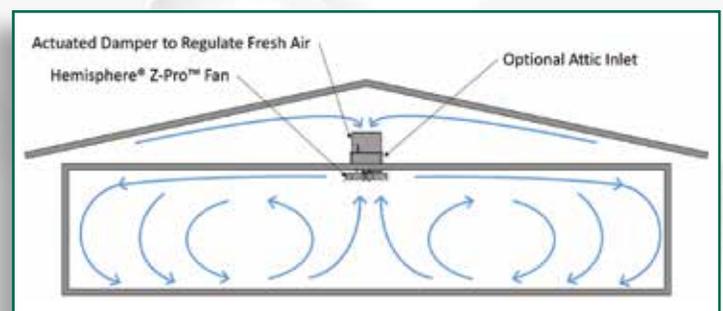
Get Fresh, Uniform Air... Everywhere!

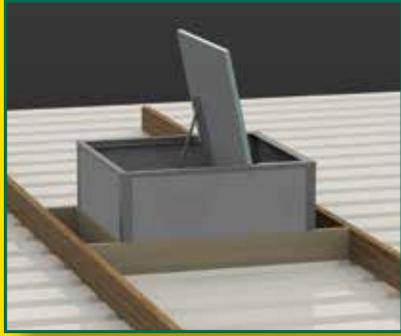


Maintain consistent temperatures with
the Hemisphere® Z-Pro™ Mixing Fan

- VAL-CO patented technology developed for whole house air mixing.
- Low profile (12" tall) design makes it perfect for low clearance ceilings.
- Ideal for *swine, layers, and floor bird* applications.
- VAL-CO's innovative design dramatically reduces temperature variations in the facility by moving a large volume of air with minimal drafts.
- Innovative material coating proven in many conditions.
- Large diameter rotors (42") and slower rotation promotes quiet operation that does not disturb the livestock.
- **Controls circulation** through the entire building volume to eliminate dead spots while improving heat distribution.
- Fan pivots down for easy maintenance.
- Powder coated wire grill holds up to the environment while large spacing reduces obstructions to airflow.
- Optional **dampened** air inlet introduces air from attic.
 - Controls fresh air inlet volume.
 - Provides a method to mix the warmest air in the house with fresh outside air before contacting the animals; significantly reducing drafts and cold zones during minimum ventilation.
 - Can eliminate the need for other inlets during initial stages of ventilation.
- Operates at low static pressure so exhaust fan efficiency improves and electrical load reduces.
- Optional VFD controls for variable speed operation available.
- System can be interfaced with existing whole house controls.

This diagram shows the
airflow pattern of this
proprietary technology.





Attic Inlet

Accessories

Item No.	Description
Attic Inlet Kit	
812300	Inlet Kit for Attic (Rough Opening: 32.5" x 30")
VFD Controls	
921755	1.5HP VFD, IP55, 208-230V, 1Ph/3Ph, 60Hz Input
Motor Starter	
921762	10 Amp Motor Starter, IP55

Hemisphere® Z-Pro™ Fan Models

Item Number / Description	CFM (est.)	HP	Frequency (Hz)	Phase	Voltage	Hardware	Weight (lbs.)	VFD Controllable	Attic Inlet Kit Included
972200	25,000	1.5	60	1	115/ 208-230	Zinc-Plated	120	N	N
972205									Y
972200-SC	25,000	1.5	60	1	115/ 208-230	Stainless Steel	120	N	N
972205-SC									Y
972220	25,000	1.5	60	3	208- 230/460	Zinc-Plated	120	Y	N
972225									Y
972220-SC	25,000	1.5	60	3	208- 230/460	Stainless Steel	120	Y	N
972225-SC									Y

Protected under
U.S. Patent No. 9,163,639 B2
& U.S. Patent No. 9,829,003 B2

European Patent
No. EP 2 817 570 B1



The Hemisphere Z-Pro in a swine application



Performance You Can Count On

www.val-co.com

North America:
Phone: 800-99VALCO (800-998-2526)
Fax: (+1) 419-678-2200
E-mail: sales@val-co.com

International:
Phone: (+1) 419-678-8731
Fax: (+1) 419-678-2200
E-mail: intl.sales@val-co.com