



Ideal for virtually any air-moving application

Product Overview

•Save Power •Reduce Noise •Improve Performance



Fan Series	H	Z	W	G
Profiles	1H, 4H	1Z, 2Z, 7Z	1W, 2W, 3W	1G
# Blades	3 - 14	3 - 16	3 - 13	3-8
Diameter	12" - 27"	16" - 40"	30" - 84"	60" - 99"
Application	HVAC Heat Exchanger Engine Cooling	HVAC Heat Exchanger Engine Cooling	HVAC Heat Exchanger Engine Cooling	HVAC Heat Exchanger

Reduce noise by as much as 7 dBA - **Sickle**

Features

- Low noise emission
- Maintain performance at lower speeds
- High solidity due to a large chord length
- Standard and custom mountings
- Customized to your exact specifications

Common Applications

- Cooling Towers
- Condensers
- Radiator/Heat Exchanger
- Engine Cooling
- Ventilation
- Refrigeration



Fan Series	H	Z	W	G
Profiles	2H, 3H	3ZL, 4Z, 5Z	5W, 6W, 7W, 9W	10G
# Blades	3 - 14	3 - 16	3 - 13	3-8
Diameter	7" - 29"	16" - 49"	32" - 84"	60" - 108"
Application	Heat Exchanger HVAC Refrigeration Engine Cooling	Heat Exchanger HVAC Refrigeration Engine Cooling	Heat Exchanger HVAC Refrigeration Engine Cooling	Heat Exchanger HVAC Cooling Tower

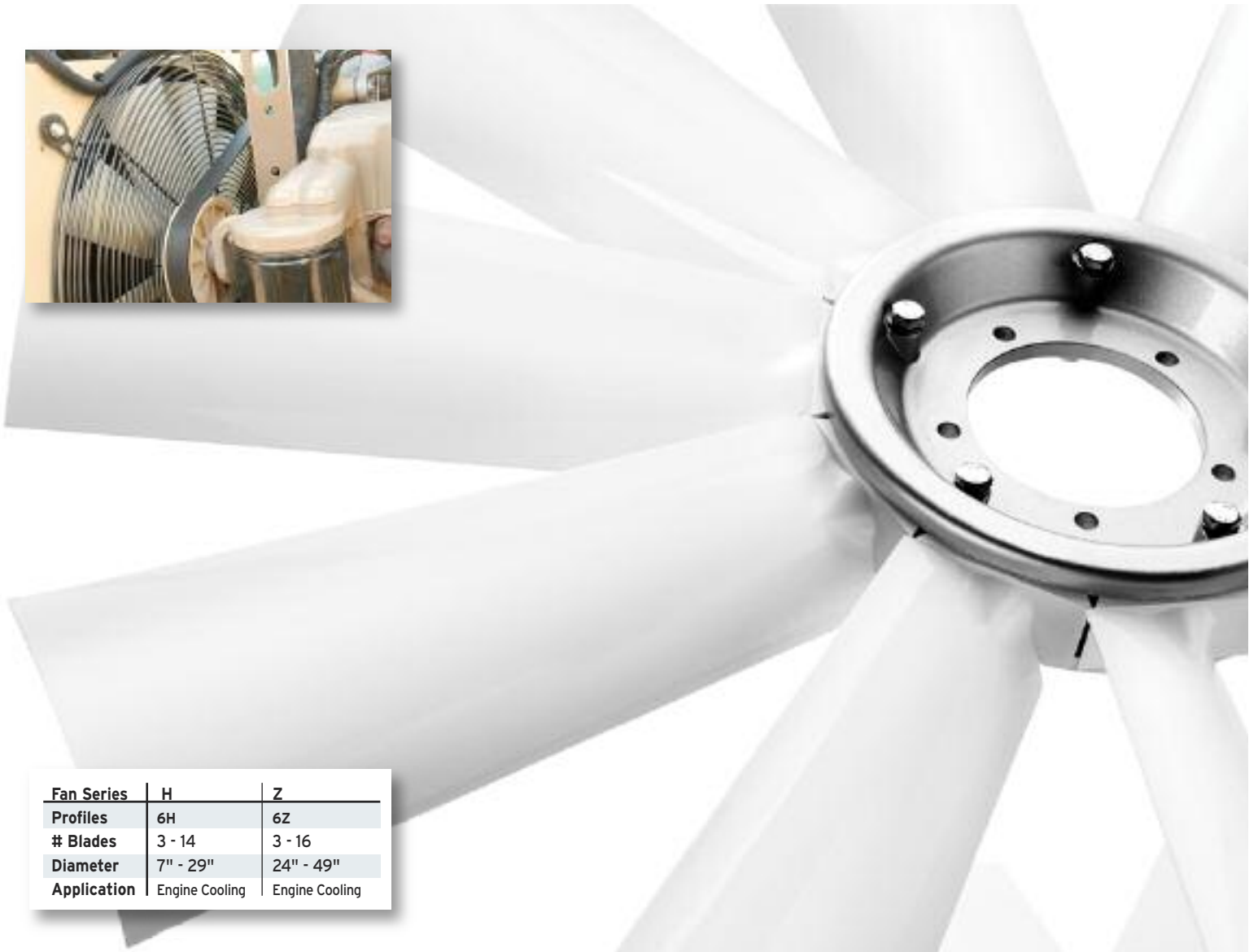
Save power while reducing noise - **Airfoil**

Features

- High Efficiency
- Low Noise
- Low Power Consumption
- Available in five blade materials
- Standard and custom mountings
- Customized to your exact specifications

Common Applications

- Refrigeration/Evaporators
- Ventilation
- Condensers
- Heat Exchangers/Engine Cooling
- Cooling Towers



Fan Series	H	Z
Profiles	6H	6Z
# Blades	3 - 14	3 - 16
Diameter	7" - 29"	24" - 49"
Application	Engine Cooling	Engine Cooling

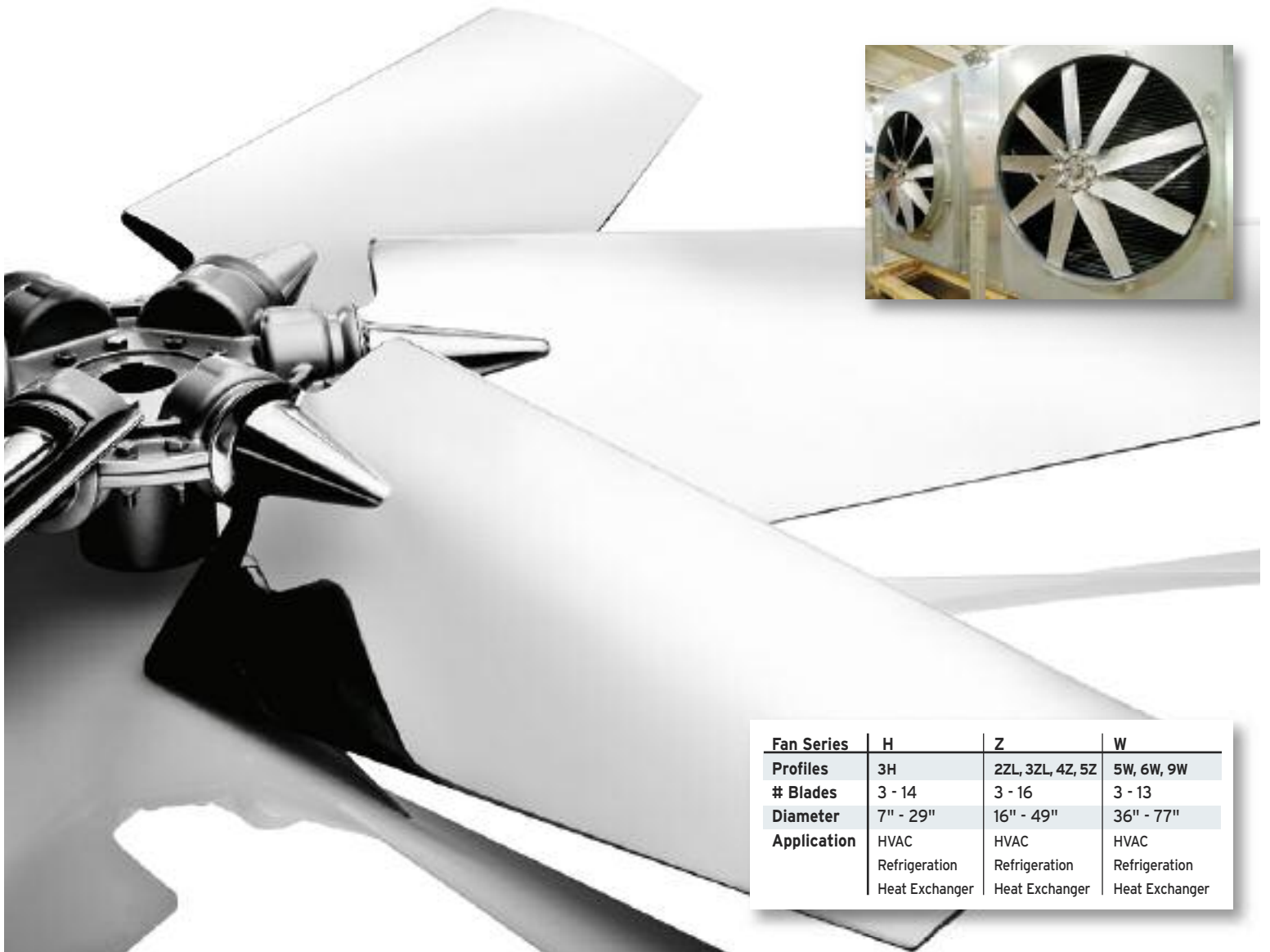
Increasing Arc - High performance in challenging environments

Features

- Light weight: Half the weight of steel
- Lower Moment of Inertia means reduced wear on fan drives
- Hydraulic and clutch mounts available
- Customized to your exact specifications

Common Applications

- Generators
- Construction Equipment
- Cranes
- Motor Coach Chassis
- Turf Maintenance Equipment
- Engine Power Units



Fan Series	H	Z	W
Profiles	3H	2ZL, 3ZL, 4Z, 5Z	5W, 6W, 9W
# Blades	3 - 14	3 - 16	3 - 13
Diameter	7" - 29"	16" - 49"	36" - 77"
Application	HVAC Refrigeration Heat Exchanger	HVAC Refrigeration Heat Exchanger	HVAC Refrigeration Heat Exchanger

High efficiency at extreme temperatures - **Aluminum**

Features

- Custom-Engineered Impellers
- High Efficiency
- Adjustable and Fixed Pitch
- Low Noise/Low Power Consumption
- Corrosion Resistant
- Customized to your exact specifications

Common Applications

- Refrigeration
- Evaporators
- Ventilation
- Condensers
- Heat Exchangers
- Smoke Extractors



Fan Series	Z	W
Profiles	TR7Z, TR8Z	TR11W
# Blades	3 - 16	3 - 13
Diameter	12.8" - 46"	18.5" - 63"
Application	Wood Drying Ventilation Food Processing	Wood Drying Ventilation Food Processing

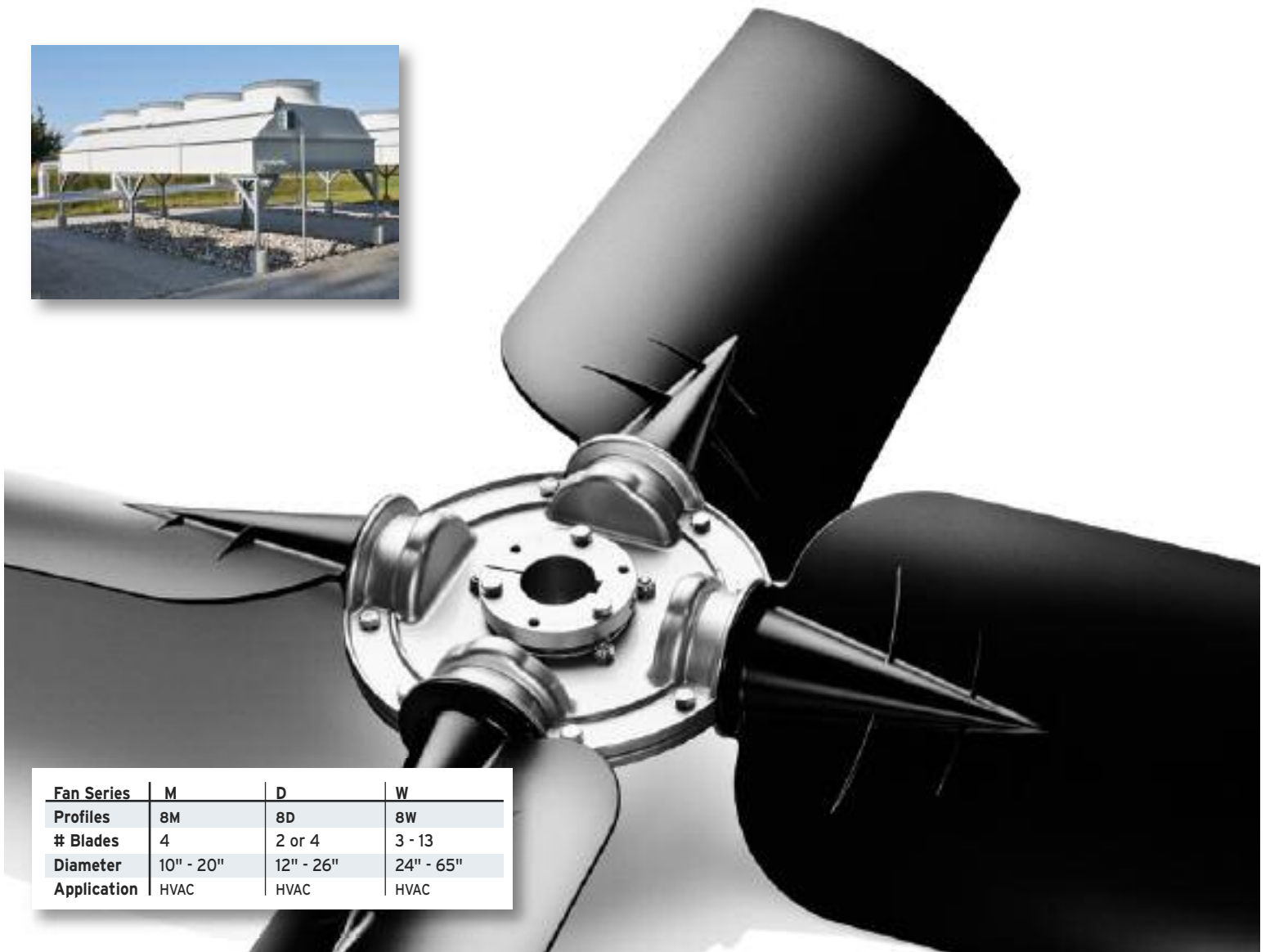
True Reversing - High efficiency airfoil in both directions

Features

- High efficiency
- Equal air flow in both directions
- High pressure capability
- High air flow
- Customized to your exact specifications

Common Applications

- Wood-Drying Kilns
- Ventilation
- Food Processing
- Brick Drying



Fan Series	M	D	W
Profiles	8M	8D	8W
# Blades	4	2 or 4	3 - 13
Diameter	10" - 20"	12" - 26"	24" - 65"
Application	HVAC	HVAC	HVAC

Broad Paddle - The answer for low-speed performance

Features

- Low noise emission
- Maintain performance at lower speeds
- High solidity due to a large chord length
- Reduced noise at lower tip speeds
- Customized to your exact specifications

Common Applications

- Condensers
- Cooling Towers
- Chillers
- Ventilation
- Refrigeration

The Multi-Wing America Advantage

For almost 40 years Multi-Wing America has manufactured custom impellers for engine cooling, heat exchange, and HVACR applications. From our facility in Burton, Ohio just 30 miles east of Cleveland, we produce almost 500,000 impellers a year. This is how we do it.

Engineered Materials

At Multi-Wing we start with a design customized for your application, building each fan from the highest quality components. High-strength, die-cast aluminum hubs are combined with our high-efficiency blade profiles, which are molded in engineered thermoplastics or die cast in aluminum. Machining, assembly, trimming and balancing are performed to tight tolerances under controlled conditions to create the perfect fan for your needs.

Unsurpassed Service

Multi-Wing combines superior engineering, outstanding customer service and an unparalleled attention to detail in production to provide the best product in the industrial fan business. From our Sales Engineers and Customer Service Department to our Manufacturing and Shipping staffs, we will ensure that your custom fan selection is built to perform and delivered when you need it. To achieve that, we offer:

- Application expertise
- Engineering support
- Competitive pricing
- Short lead times
- Emergency production
- ISO 9001 certification

Always first: Always best

Multi-Wing's unsurpassed technical expertise in axial flow fan design is the foundation of every fan we build. And we back up decades of experience and innovative R&D with the best service, support and delivery time in the industry today.

Multi-Wing - ideal for virtually any air-moving application.

www.multi-wing.net

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ISO 9001 Certified

