Horton Fans

Innovative Solutions for On- and Off-Highway Applications

ENGINEERED FOR:

Molded Fans

Horton's molded fans give you maximum cooling performance and efficiency. The lighter and quieter nylon fans are available in several open-blade and ring fan models that feature blade-connecting rings to reduce turbulence and enhance cooling, under restricted airflow conditions.

MS8 Nylon Molded Fans

Less aggressive, 8-blade design offers light weight and efficient design for lower power engines.

Diameters	560–813 mm [22–32 in.]
Blade configurations	8–blade

MS9 Nylon Molded Fans

Unique blade shape, 9-blade design for increased airflow and efficiency.

Diameters	560–762 mm [22–30 in.]
Blade configurations	9–blade

HS9 Nylon Molded Fans

Unique airfoil allows maximum cooling with reduced horsepower draw in a 9-blade configuration.

Diameters	610–813 mm [24–32 in.]
Blade configurations	9–blade

HS11 Nylon Molded Fans

Unique, 11-blade design minimizes deflection and fan stress for stable airflow and high efficiency.

Diameters	711–864 mm [28–34 in.]
Blade configurations	11–blade

LS11 Nylon Molded Fans

Compact 11-blade design with optimized blades for minimized deflection and reduced fan stress.

Diameters	450–600 mm [17–24 in.]
Blade configurations	11–blade

Molded Ring Fans

Higher cooling performance at lower fan speeds with 8-, 9-, 11-, and 13-blade ring designs that reduce fan-tip turbulence.

Diameters	600–810 mm [23–32 in.]
Blade configurations	8-, 9-, 11-, 13-blade

HS11A Nylon Molded Fans

Optimized, 11-blade design provides increased flow and pressure with a 2 dB noise reduction over market 11-blade fan.

Diameters	711–813 mm [28–32 in.]
Blade configurations	11–blade

HS6 Nylon Molded Fans

Innovative 6-blade design produces needed airflow and allows more free ram air with 30 percent less blade area.

Diameters	560–813 mm [22–32 in.]
Blade configurations	6–blade

HEHF Molded Fans

Revolutionary, high-efficiency, hybrid-flow (HEHF) technology means the ultimate solution for EPA10, Euro VI and Tier 4.

Diameters	550–750 mm [22–30 in.]
Blade Configurations	Clockwise (Suction mode)

Modular Fans

Flexibility is the key to Horton's line of modular fans. Some models allow blades to be set to specific pitch angles to increase versatility, but also allow faster, easier testing and prototyping.

Horton's newer Thermoset Engineered Composite (HTEC) fans combine advanced material technology with Horton custom engineering capabilities to meet and exceed cooling requirements for the toughest mining and construction, heavy-duty applications, while resisting corrosion.

HTEC 1800 Modular Fans

Thermoset composite provides for metal-like strength but the efficiency of molded nylon. High speed ratings with low noise and corrosion resistant properties.

Diameters	1194–1829 mm [47–72 in.]
Blade Configurations	5–15

HTEC 2500 Modular Fans

Thermoset composite provides for metal like strength but efficiency of molded nylon. High speed ratings with low noise and corrosion resistant properties.

Diameters	1651–2438 mm [65–96 in.]
Blade Configurations	5–17

WIndshift Modular Fans

Three different blade designs and a flexible pitch angle allow for optimized performance. High pressure, airfoil and swept blade designs.

Diameters	610–1320 mm [24–52 in.]
Blade Configurations	3–16 blades, equally spaced or staggered

Shogun Modular Fans

Ideal for reduced-emission engines with flexibility in terms of blade counts and bolt circles fastened by rivets to a durably-constructed center disk.

Diameters	406–559 mm [16–22 in.]
Blade Configurations	6–10 blades, equally spaced

Composite Nylon Modular Fans

Nylon blades attached to metal spiders for lighter weight and added efficiency.

Diameters	864–1194 mm [34–47 in.]
Blade Configurations	6- and 8-blade

Metal Fans

Metal Standard Fans are custom designed to meet your precise application requirements for airflow, size, blade width, shroud type, tip clearance, fan pulley ratio, fan speed range and other factors. Our experienced and technical experts work with you to determine the right fan for your light-, medium- or heavy-duty cooling needs for both on- and off highway applications.

Metal Standard Fans

Highly-customizable, with multiple blade configurations in steel or aluminum.

Diameters	254–2438 mm [10–96 in.]
Blade Configurations	4-, 6-, 7-, 8-, and 11-blade

Horton Fully-Variable Fan Drives

Designed to maximize efficiency while minimizing parasitic loss, Horton fan drives provide a lower off speed and faster response time.

Horton fan drives are engineered for use with Horton fans to provide precision cooling in on- and off-road environments.

Committed to Your Ideal Airflow Solution

Horton® is the premium provider of engine cooling solutions worldwide. Our culture of innovation delivers high-performance products that last and services that help you meet your commitments. Trust Horton to help your products last longer, run quieter and consume less fuel.

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Form #22853-B-0818 E