



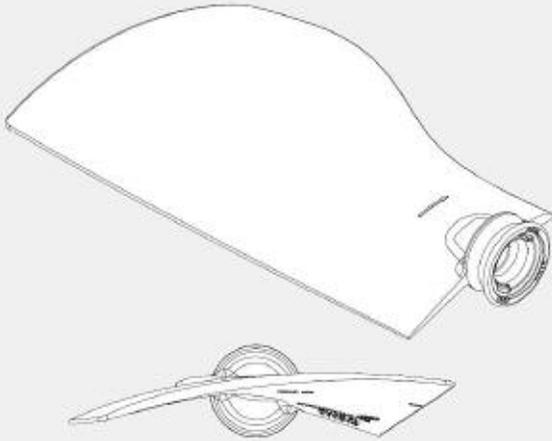
## The PMAX3: Multi-Wing's High-Pressure Profile

Multi-Wing's new axial fan - the PressureMAX3 - has exceptionally high pressure capabilities. The PMAX3 is one of the strongest profiles in the Multi-Wing product range. Built specifically for rugged Tier 4 applications, the PMAX3's narrow axial depth and minimal deflection make it a perfect fit for compact engine compartments. The PMAX3 design is ideal for agricultural and construction applications from tractors to excavators, as well as mobile compressors and generators.

And to optimize fuel consumption, the PMAX3 hub is specifically engineered to accommodate clutches.

The PMAX3 utilizes Multi-Wing's modular design, creating 12 different pitch angle options to match different duty points. Molded in glass-reinforced polyamide, the PMAX3 has a diameter range of 17.5 to 25.2 inches (445 to 640 millimeters).

## PMAX3 Profile



### Design Features:

12 adjustable pitch settings from 20° to 47.5° with 2.5° increments.

Available in diameters between 17.5 to 25.2 inches (445 to 640 millimeters).

Nine-bladed hub suitable for 9 bladed configurations.

### Materials

The hubs are pressure die cast silumin alloy (EN AC-AI Si12 Cu1 (Fe)).

The fan blades are available in PAG to suit applications such as radiator packages and engine cooling specifically aimed at off-highway vehicles.

**PAG** Glass reinforced polyamide

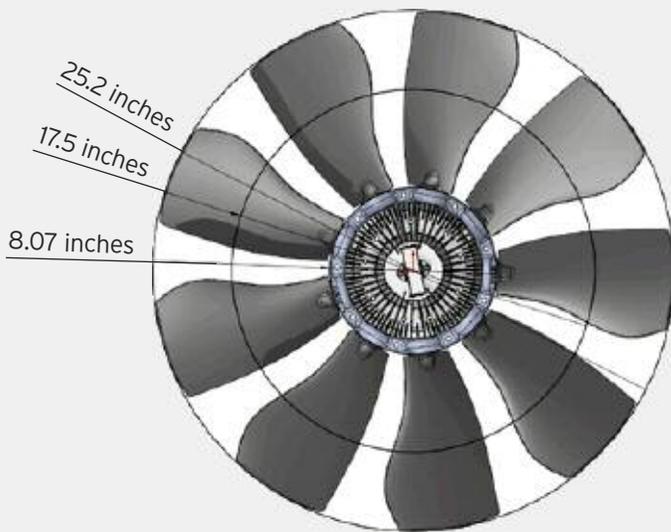
Temperature range: -40°F to +230°F (-40°C to +110°C)

Please observe penalty factors for temperatures above 40°C. We reserve the right to change the manufacturing materials. The values for the mechanical properties are mean values and can be subject to variations due to the use of different suppliers.

## PMAX3 and Clutch

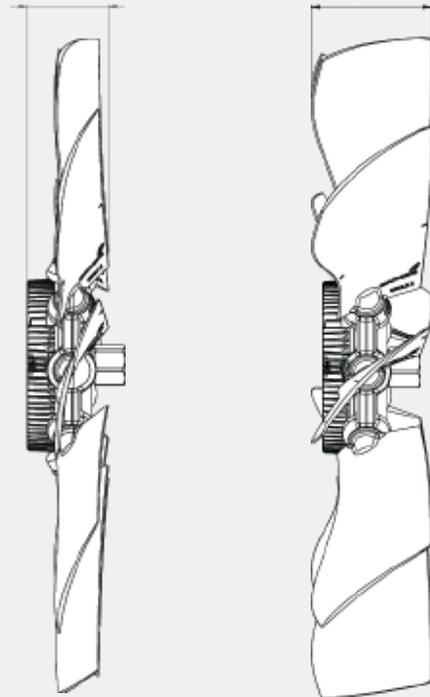
PMAX3 is designed specifically for medium-sized coolers where limited space is available in compact engine compartments.

The PMAX3 has a low axial depth, and is designed to accommodate a broad clutch range.



3 inches  
(76.7 millimeters)

4.5 inches  
(114.3 millimeters)



Axial depth range: 20° to 47.5°