



## TRUE REVERSING PROFILE

Multi-Wing's innovative True Reversing blades produce equal airflow in both directions because each is a true airfoil section. This advanced design can drive efficiencies of more than 70 percent, which is significantly higher than other reversing profiles in the market today. With a diameter range of 12 to 63 inches, the adjustable-pitch, True Reversing profile is a cost-effective, low-noise solution for a spectrum of applications.

The true reversing profile is the perfect fan for the timber, food processing, ventilation, and kiln-drying industries. The Multi-Wing True Reversing profile's rugged durability takes efficiency in a new direction.

**Dimensions**

No. of positions in hub		Maximum Diameters for Blade Types
TR7Z	TR11W	
5	-	30.75
6	-	32.00
7	-	32.50
8	-	35.50
9	-	33.00
12	-	36.00
16	-	40.00
-	5	49.00
-	6	49.00
-	8	53.00
-	10	57.00
-	13	63.15

Pitch	20°	25°	30°	32.5°	35°	40°	45°	50°
TR7Z Leading edge $\pm 0.08$	0.91	1.06	1.26	1.38	1.42	1.57	1.69	-
TR7Z Trailing edge $\pm 0.08$	0.91	1.06	1.26	1.38	1.42	1.57	1.69	-
TR11W Leading edge $\pm 0.08$	1.42	1.73	2.05	-	2.36	2.64	2.87	3.11
TR11W Trailing edge $\pm 0.08$	1.42	1.73	2.05	-	2.36	2.64	2.87	3.11

All dimensions are in inches

**TR7Z Design Features**

- Adjustable pitch setting from 20° to 45° in 5° increments
- Available for diameters between 12 and 43 inches
- Seven hub sizes - 5, 6, 7, 8, 9, 12, and 16 - each available in a range of mounting configurations

**TR11W Design Features**

- Adjustable pitch setting from 20° to 50° in 1° increments
- Available for diameters between 30 and 63 inches
- Five hub sizes - 5, 6, 8, 10, and 13 - each available in a range of mounting configurations

**Materials**

The hub parts and blades are as standard manufactured in a pressure die cast silumin alloy EN AC-Al Si12 Cu1 (Fe).

The fan blades are available in AL and TR7Z is also available in PAG.

**PAG Glass reinforced polyamide**

Temperature range: -40 F to +230 F

**AL Aluminium**

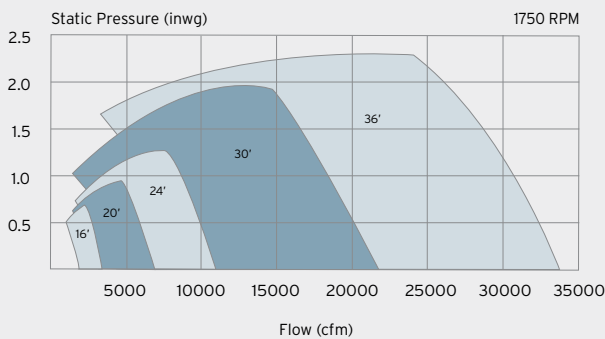
Temperature range: -76 to +473 F

Please observe penalty factors for operation above listed max. temperatures. For further information on high temperature operation please refer to Multi-Wing's Optimizer program.

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.

**TR7Z Selection Guide**



**TR11W Selection Guide**

