ARES designs and manufactures air forced cooling solutions for distribution and power transformers. Our axial fans are engineered especially for conditions and environments of power generation, transmission and distribution sites with wide range of options.

Cooling Fan Selection Chart

Wing Span (mm)	○ 460 ○ 500 ○ 520 ○ 630 ○ 710 ○ 800 ○ 1000 ○ 1250
Supply Frequency	○ 50 Hz ○ 60 Hz
Supply Voltage (3 phase)	
Sound Level	
Air Flow	
Motor Protection Class	○ IP55 ○ IP56 ○ IP65 ○ IP66
Operating Temperature	○ -25...+60°C ○ -40...+60°C ○ -25...+70°C ○ -40...+70°C
Protection Grids	☐ In front of wings ☐ Behind wings
Thermal Protection	○ No ○ Yes (requires external relay)
Tropical Environment	○ No ○ Yes (condensing)
Corrosion Class	○ C3 ○ C4 ○ C5 ☐ Medium ☐ High
Color (Motor, Casing, Grids)	RAL _____

- ✓ **ENGINEERED FOR TRANSFORMER OPERATION**
- ✓ **FULLY CLOSED MOTOR UP TO IP66**
- ✓ **EASY INSTALLATION**
- ✓ **HIGH CORROSION RESISTANCE**
- ✓ **SAFE OPERATION WITH COMPLETE GUARD GRILLES**
- ✓ **SUITABLE FOR EXTREME AMBIENT TEMPERATURES**
- ✓ **WIDE CUSTOMIZATION OPTIONS**
- ✓ **ERP DESIGN AVAILABLE**

Standard	IEC 60034-1, IEC 60335-2:80, ISO 5801
Balance Quality	G6.3 according to ISO 1940-1
Tolerance	Class 2 according to DIN 24166
Mounting Position	Horizontal & Vertical
Motor	Asynchronous motor with aluminium body
Winding Insulation	Class F or H
Winding Temperature Rise	Class B
Operation	Indoor & Outdoor
Corrosion Class	C3 / C4 / C5 - Medium / High acc. to ISO12944-2
Fasteners	Stainless Steel

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