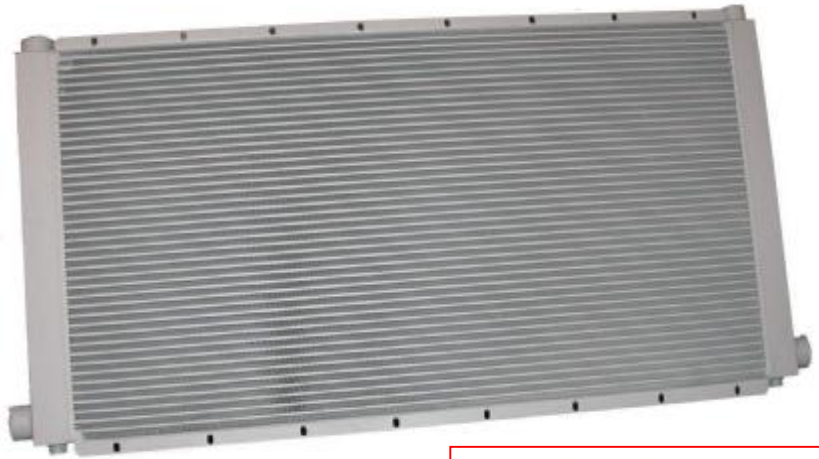


## Product Information

### Cooling in Wind Generators



Many well-known makers of wind generators – and their suppliers – have placed their trust in AKG cooling systems over many years.



**AKG has the solution to every cooling problem!**

#### Product features:

- Cooling of generators, gearboxes and electronics
- Very large coolers can be made
- Use in „Offshore“ plant due to special corrosion-resistant coatings
- Robust coolers, through manufacturing using the well-proven plate and bar construction
- Excellent heat transfer characteristics with low flow-resistances
- Low-maintenance because there are no wear parts
- Simple installation of coolers into existing plants

# Technical Data

## Cooling in Wind Generators

### Design:

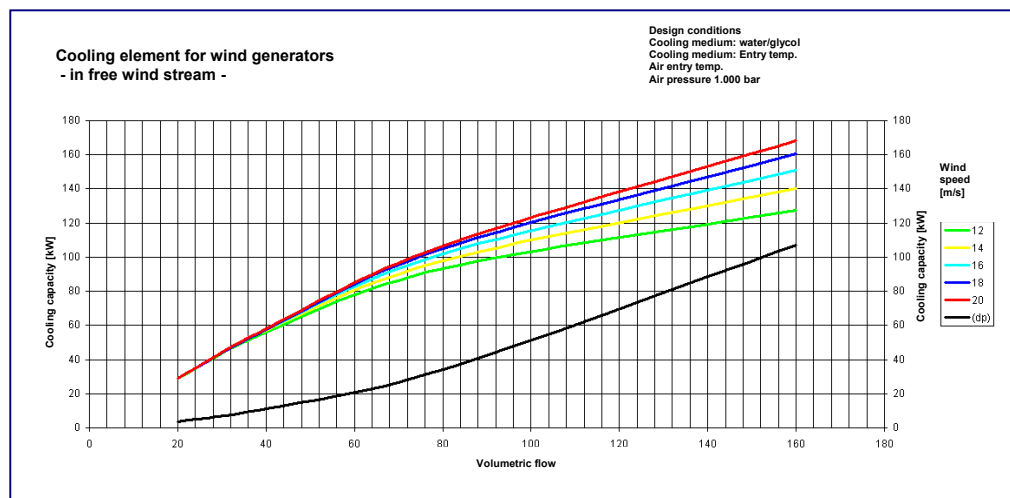
These high-performance coolers can also be supplied with fans, pumps and filters.

**Material:** Aluminium, copper/brass, stainless steel  
**Solder:** soldered or brazed  
**Cooling medium:** Water; Water/glycol; oil; air

### Function:

AKG cooling systems ensure the operating readiness of the plant even under difficult operating conditions and prevent downtimes due to overheating.

### Cooling capacity with respect to volumetric flow with wind speed parameter



### Applications:

The AKG high-performance cooler is suitable for use in:

- Generator coolant cooling
- Gear and lubricating oil cooling
- Cooling of electronic components

- Control cabinet cooling
- in „Offshore“ and „Onshore“ plants

and can be adapted to the installation space available.