



TMF In - Line Centrifugal Fans



#### GENERAL DESCRIPTION

The TMF is a series of centrifugal in-line fans with the advantage, typical of axial fans, to convey air along the same axis of the impeller. This feature, the limited dimensions and the standardized inlet and outlet sizes grant a particular ease of installation. The low noise level and the good pressure head makes them ideal for industrial and residential installations in extracting hoods and small exhausting plants, since they can be installed in any point along the duct or at the duct ends, either in intake or exhaust. They are suitable to convey clean air up to a maximum temperature of -10 to 60°C.

#### CONSTRUCTION

- Casing in steel sheet is protected against atmospheric agents by epoxy paint.
- Single-phase electric ball-bearing motor with non-self resetting thermal cut-out is particularly suitable for speed regulation.
- Backward curved centrifugal impeller with high efficiency and low noise level. Statically and dynamically balanced according to ISO 1940.
- Down stream guide vanes for improved efficiency.
- External electric connections enclosed in a terminal box in self extinguishing technopolymer with IP44 protection.
- Performance in accordance with AMCA standard 210 and 300.
- Fans are supplied with fixing brackets and manufactured in galvanized steel sheet protected against atmospheric agents by epoxy paint and completed with screws and wall plugs.

#### ACCESSORIES (UPON REQUEST)

- Speed regulators.
- Back-draught shutters.
- Collars for fixing to the duct.



Maico Gulf certifies that the DYNIAIR model TMF are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program. Performance certified is for installation type C – Ducted inlet, Free outlet. Performance ratings do not include the effects of appurtenances (accessories).

