

**A FEW PRACTICAL BENEFITS:**

Development, design, production:  
100 % Trotec

Both robust and lightweight  
construction

Double-flow radial fans  
with extra large shaft

Slip-resistant skids all round

Multiple fan stages

Operation and storage possible  
in several angular positions

High energy efficiency, thus equally  
powerful and energy-saving

Multiple stackable

Robust, dense metal veneering of the  
engine to protect against dust

Tried and tested German industrial  
design – protected prototype

MID-compliant\* dual counter  
for operating hours and energy  
consumption (except TFV 10)

# Square, practical, efficient

The professional TFV turbo fans are perfectly fit for all types of drying ventilation operations



## Turbo fans – redefined

While standard fans for hollow spaces are for the most part identical in every respect, the professional turbo fans of our TFV series come with unparalleled features.

The distinctive cuboid design not only looks, in practice it also offers compelling advantages. The space requirements for storage and transport are much reduced – seeing as both devices can be stacked a number of times.

For dry-out ventilation, the all-round skid-resistant runners ensure maximum support even at full power level and in each of the three variably usable installation positions.

Both turbo fans accommodate double-flow radial fans with an extra large shaft and especially formed air exhaust ducts, generating a broad near-ground air current over wet flooring or screeds. The room air is thus optimally distributed which perceptibly reduces drying time.

For carpet cleaning applications, accelerated drying not only saves time but also has the advantage that natural fiber surfaces can be warped much less and wave formation can be avoided.



A sturdy, dense metal veneer reliably seals the interior of the TFV turbo fan against the ingress of dust and dirt.



**Do you need to rent a universal radial fan and need one fast?**

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[www.tkl-rent.net](http://www.tkl-rent.net)

The professional TFV high-performance fans can be variably used to direct the air pressure in three different installation angles – horizontal, 45° and vertical.

Their non-slip feet ensure a secure footing in every position.



## TFV turbo fans impress with smart equipment features

- ① Integrated cable holder
- ② Convenient handle bar
- ③ Slip-resistant skids all round
- ④ Operating hours counter
- ⑤ Bump stopper for easy stacking during transport and storage
- ⑥ Protection Recessed control panel with selector switches, service outlet and MID-compliant\* dual counter for operational hours and energy consumption (except TFV 10).
- ⑦ Connection facility for optional three-way hose distributor (except TFV 10).



For TFV 20 and TFV 30, optional hose distributors are available to direct air flow to separate zones, whereas the un-hosed connections are reliably sealed by the supplied seal plug.

Technical data		TFV 10	TFV 20	TFV 30
Article number		1.510.003.021	1.510.003.024	1.510.003.041
Air volume [m³/h]	stage 1	310	850	1,600
	stage 2	380	1,185	1,850
	stage 3	–	–	2,200
Air current		blowing out	blowing out	blowing out
Fan stages		2	2	3
Max. air pressure [Pa]		150	390	425
Max. transport medium temperature [°C]		60	60	60
Input voltage [V/Hz (A)]		230 / 50 (0.39)	230 / 50 (2.15)	230 / 50 (3.8)
Max. power input [kW]		0.09	0.49	0.85
Electric connection	plug type	CEE 7/7	CEE 7/7	CEE 7/7
	cable length [m]	3	5.4	5
Necessary fusing [A]		10	10	10
Service power socket		–	■	■
Operating hours counter		■	■	■
Dual counter for operating and kilowatt hours (MID-compliant*)		–	■	■
Sound level (distance 3 m) [dB(A)]		61.5	64/69	73.5/80.8/86.2
Mobility		portable / stackable	portable / stackable	portable / stackable
Type of protection		IP 22	IP 22	IP 22
Length [mm]		235	343	442
Width [mm]		247	335	426
Height [mm]		237	355	429
Weight [kg]		5	12	19
Available accessories		TFV 10	TFV 20	TFV 30
Hose adapter (3 x ø 100 mm) incl. two sealing caps		–	2 x ø 100 mm, Article number 6.100.005.055	3 x ø 100 mm, Article number 6.100.005.061
Air tube Tronect TF-L, ø 100 mm, length 6 m		–	Article number 6.100.001.115	Article number 6.100.001.115

■ Standard equipment



In addition to all conventional ventilation tasks these turbo fans are also suited particularly well for the quick elimination of moisture at the underbody after driving on wet roads.

**\* What does MID compliant mean?**  
The European Measuring Instruments Directive (MID) has replaced the existing rules of national approval and subsequent calibration in some areas. As a result, all power meters, which are used for energy consumption billing, must be MID compliant in the future.

Trotec  
Dehumidification  
Humidification  
Heating  
Ventilation  
Air conditioning  
Air cleaning  
Odour control  
Accessories