

BENEFITS IN PRACTICE:

Platform concept: The accessories program enables one basic unit to be used for numerous applications

Advantage: Lower investment and maintenance expense, more effective storage, higher flexibility

The units of the TTV Series are made according to high industrial standards, splash waterproof (IP 55) and stackable

All TTV models are suitable for connecting a filter set for dust suction

Hose adapter for air hose connection for ventilation and bleeding, air distribution, dust suction, cold and heat transport

TTV 4500 combi-distributor for connection of eight 100 mm hoses or one 450 mm hose

Multifunctional fans

The platform concept of the TTV Series redefines the meaning of application flexibility and economy.



One for all!

Tens of thousands of hirers, building companies, restoration service providers and craftsmen who all employ TTV appliances on a daily basis have made these professional ventilators the top-selling axial fans in the building trade in the whole of Europe.

- long machine life span
- robustness
- investment security
- value stability

These characteristics put TTV fans a cut above the rest. *This is because each new development of the TTV Series follows just one specific aim:*

To achieve the highest possible flexibility and economic efficiency for the user by using as few modules as possible.

Or to put it more simply:
an abundance of applications instead of an abundance of appliances!

The advantages of this concept are plain for all to see:

- higher economic efficiency
- easier to use
- shorter material planning
- safeguarding of existing investments
- easier storage and maintenance

In addition, this platform concept increases on-site flexibility, because the type of fan application can be changed at any time to meet any new requirements which arise at short notice.

The result:
With just one fan, you are able to fulfil a multitude of tasks for which you would have normally needed a multitude of appliances!

The configuration possibilities with the TTV system accessories:

With the TTV 4500-combi-distributor you stay flexible...

Up to eight 100 mm hoses can be attached to the combi-distributor (A).

In the case of a high central capacity requirement, a 450 mm air hose can also be connected to the combi-distributor (B).

And if a very high air pressure is required, e.g. for long hose distances, the 250 Pa powerful TTV 4500 HP ("High Pressure") can be combined with the distributor.

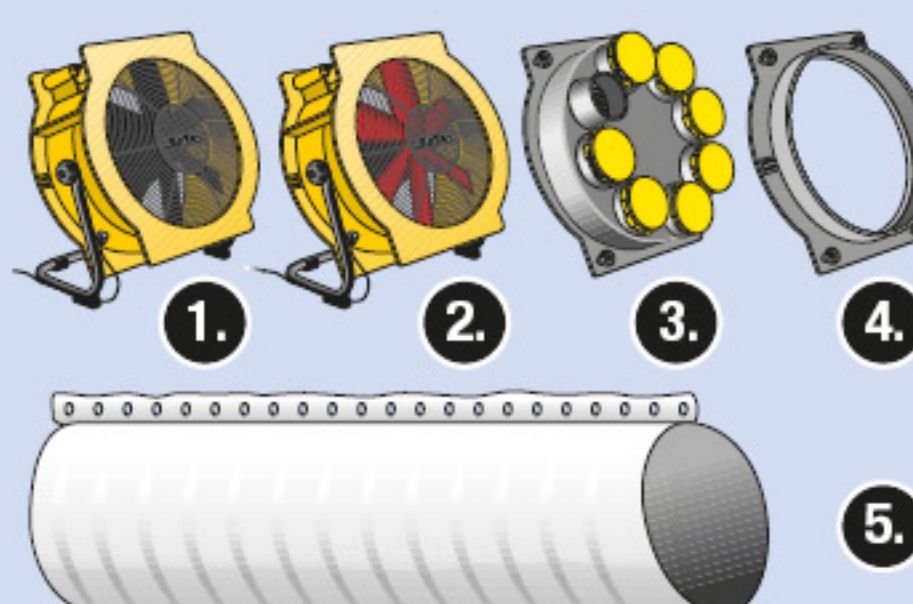
One adapter – many application possibilities...

The TTV hose adapter can be connected to the fan optionally at both sides for suction or ventilation (C).

TTV 4500: 450 mm hose,
TTV 7000: 560 mm hose.

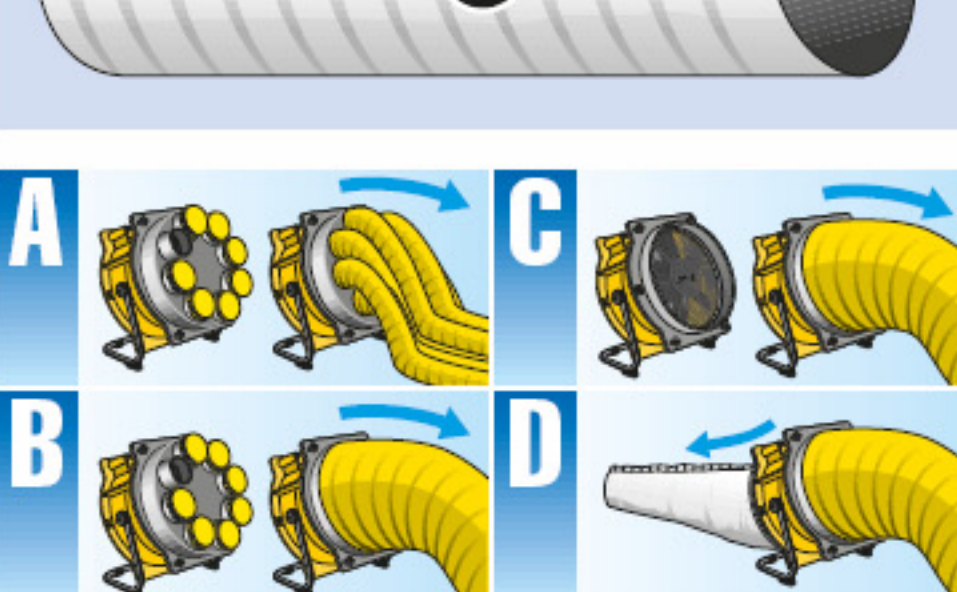
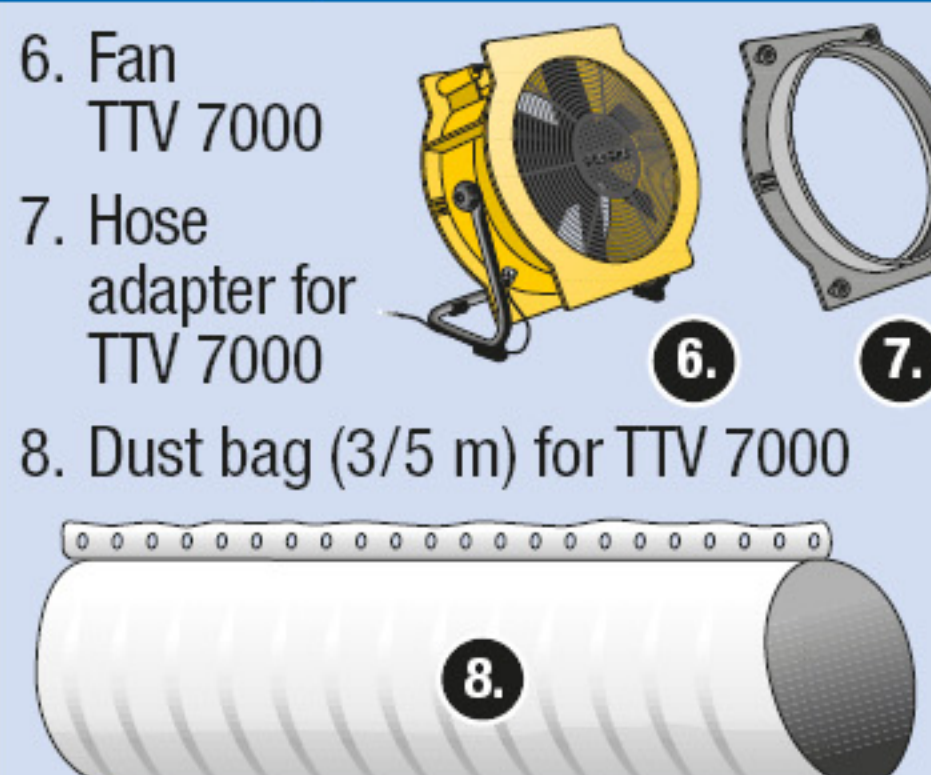
Attachment to the rear additionally enables the connection of a dust bag for sucking off and filtering dust and dirt particles. These application possibilities can also be combined by using two hose adapters on the front and back of the fan (D).

TTV 4500 platform



1. Fan TTV 4500
2. Fan TTV 4500 HP (High Pressure)
3. Combi-distributor for TTV 4500
4. Hose adapter for TTV 4500
5. Dust bag (3/5 m) for TTV 4500

TTV 7000 platform



One for all: the TTV!

TTV 6000 I – ideal for event service providers

With this high pressure fan, cold air promotion blow-ups come out on top, due to the high pressing!

The wide, fully surrounding Velcro ring on the blow-out side enables fast installation and secure holding of the inflatables.

The robust chassis also offers firm standing on uneven ground and stable vertical alignment for long operations.

The combination of high performance values, long-lasting design and low investment and maintenance costs makes the TTV 6000 I the ideal all-round fan for every event service provider!

Designed for use with inflatables!



Faster building drying by the use of fans

For even faster drying, every building dryer should be fitted with a fan which has a significant influence on the drying performance and thus on the drying time.

The stronger air circulation produces faster evaporation because the higher the flow speed at the material surface, the faster the drying process.

The drying time can be halved with the dryer / fan combination!

Attention: Overdimensioning of the dehumidifier performance does not bring faster but longer drying times and thus unnecessarily high electricity and hire costs. We have proven this with different test institutes and universities.



Protection against dust during building and restoration work:

Large amounts of dust are inevitably generated during restoration work, material processing or sanitation,

The alarming fact is that, according to recent surveys, the permissible maximum values for dust particles in the workplace do not apparently afford adequate protection against lung cancer:

This means that employees in the building industry are, amongst others, affected by respirable fine dust particles – even when the material it-self is not considered to be toxic.

Protect yourself and your employees during work against dangerous particulate matter!

The removal of dirt and dust particles by suction is a tried and tested alternative to reduce dust exposure.



The washable Trotec dust bags have a permeability of max. <0,1 %; they fulfil the dust class M and are in accordance with DIN EN 60335-2-69 governing the use of filters in dust removing machines and appliances.

No dust – no risk: the TTV platform concept allows the joint combination of ventilation hoses and dust bags – even over long distances.

A simple, low-priced yet highly effective system to extract dust!

Air cleaning during indoor work processes:



Professional air cleansers in the TAC Series, certified for system efficiency for suspended matter according to EN 1822, should be employed to filter hazardous particulate and suspended matter like asbestos dust, mineral fibres, mould spores etc. in rooms, e.g. during blasting work, asbestos, water damage or mould restoration.

For more information see chapter "Air cleaning" from page 54...

Technical data	TTV 4500	TTV 4500 HP	TTV 6000 I	TTV 7000
Article no.	1.510.000.010	1.510.000.012	1.510.000.020	1.510.000.021
Air flow rate stage 1	2,000 m³/h	2,000 m³/h	Continuously regulatable in the "S" version	3,000 m³/h
Air flow rate stage 2	3,000 m³/h	3,000 m³/h		4,500 m³/h
Air flow rate stage 3	4,500 m³/h	4,500 m³/h	6,000 m³/h	7,000 m³/h
Air current	blow out / suction		suction	blow out / suction
Air discharge speed	10.7 m/s (38.52 km/h)	12.8 m/s (46.08 km/h)	12.8 m/s (46.08 km/h)	11.7 m/s (42.12 km/h)
Discharge distance	48 m	58 m	58 m	66 m
Max. air pressure	80 Pa	250 Pa	300 Pa	80 Pa
Max. transport medium temperature	45 °C	45 °C	45 °C	45 °C
Input voltage	230 V / 50 Hz (1.1 A)	230 V / 50 Hz (1.4 A)	230 V / 50 Hz (3.3 A)	230 V / 50 Hz (1.8 A)
Power input	0.23 kW	0.35 kW	0.7 kW	0.46 kW
Protection	10 A	10 A	10 A	10 A
Sound level (distance 3 m)	53 dBA	64 dBA	64 dBA	58 dBA
Mobility	portable / stackable		portable	portable / stackable
Hose connector	450 mm * / ** 8 x 100 mm **		450 mm	560 mm *
Dust filter connector	suitable for connecting a filter set to the dust suction			
Dimensions L x W x H	210 x 510 x 510 mm	210 x 510 x 510 mm	540 x 520 x 478 mm	240 x 620 x 620 mm
Weight	12.5 kg	12.5 kg	15 kg	15 kg
Protection class	IP 55	IP 55	IP 55	IP 55

* with hose adapter ** with combi-distributor

Trotec

Dehumidification

Humidification

Heating

Ventilation

Air conditioning

Air cleaning

Odour control

Restorative drying

Restorative drying accessories

General accessories