

WHITE LINE • CONTINUOUS DUTY • DRY RECOVERY ONLY

Tiger-Vac

TV-25L (DT) MFS HEPA WT

Regenerative side channel blower with TEFC induction motor for continuous 24/7 duty. 230V single-phase, 1.3 kW. HEPA H14 filter included. 25 L detachable stainless steel tank. 187 m3/h air flow, 2790 mmH2O vacuum. Tools and European power outlet included.

- Regenerative side channel blower — continuous 24/7 duty without service interruptions
- HEPA H14 filter INCLUDED — 99.995% at 0.3 micron for clean exhaust
- 230V single-phase ONLY — 1.3 kW, 10A, ready to use
- 25 L detachable stainless steel Type 430 tank — easy to empty and clean
- 2790 mmH2O vacuum pressure — powerful collection in open and closed systems
- GMP-compliant — stainless steel construction for pharmaceutical and food production



Tiger-Vac TV-25L (DT) MFS HEPA WT regenerative blower vacuum with TEFC induction motor

HEPA H14 — 99.995% at 0.3 micron (INCLUDED) · Stainless Steel Type 430 — food and pharma grade · GMP — Good Manufacturing Practice compliant · CE — Machinery Directive 2006/42/EC

Quick facts	
Motor Type	TEFC induction motor
Operation	Continuous 24/7
Power	1.3 kW
Air Flow	187 m ₃ /h
Vacuum	2790 mmH ₂ O
Noise	75 dB(A)
Tank	25 L detachable
Filter	HEPA H14 included
Voltage	230V single-phase
Weight	56 kg
Construction	SS Type 430
GMP	Yes

What is Tiger-Vac TV-25L (DT) MFS HEPA WT?

Tiger-Vac TV-25L (DT) MFS HEPA WT is a regenerative side channel blower vacuum with TEFC (Fully Enclosed Fan Cooled) induction motor designed for continuous 24/7 operation in laboratory and industrial environments. The term "regenerative blower" refers to the motor technology that creates powerful vacuum through centrifugal force without brushes, wear, or maintenance requirements.

The MFS (Micro Filter System) with integrated HEPA H14 filter comes standard at no extra cost. The HEPA H14 filter provides 99.995% filtration at 0.3 micron, ensuring exceptionally clean exhaust for sensitive pharmaceutical, chemical, and food production environments. The 25 L detachable stainless steel Type 430 tank makes emptying and cleaning simple. Single-phase 230V power at 10 A, with European power outlet and tools

included.

GMP-compliant continuous duty vacuum: Tiger-Vac TV-25L (DT) meets Good Manufacturing Practice standards with stainless steel construction for traceability and hygiene. Designed for 24/7 operation in regulated pharma and food production.

Technical specifications

Parameter	Value
Motor Type	TEFC induction motor — regenerative side channel blower
Operation	Continuous 24/7 duty
Voltage / Frequency	230 V, 50 Hz, single-phase ONLY
Power / Current	1.3 kW / 10 A
Max Air Flow	187 m ₃ /h
Max Vacuum	2790 mmH ₂ O
Noise Level (EN ISO 3744)	75 dB(A)
Suction Inlet	Ø50 mm
Collection Tank	25 L detachable stainless steel Type 430
Filter System	MFS (Micro Filter System)
HEPA H14 Filter	99.995% at 0.3 micron (INCLUDED)
Dimensions (H x W x L)	147 x 66 x 64 cm
Weight	56 kg
Cord Length	10 m
Construction	Stainless steel Type 430
GMP Compliance	Yes
ATEX Compliance	Not ATEX
Recovery	Dry recovery only
Included Accessories	Tools, European power outlet

CE marking based on: EN 60335-2-2 • Machinery Directive 2006/42/EC • Low Voltage Directive 2014/35/EU • EMC Directive 2014/30/EU

Options and configurations

Tiger-Vac TV-25L (DT) MFS HEPA WT is a single-phase only machine with HEPA H14 included. The following options are available:

- **Extended cord** — longer power cords available if needed beyond the standard 10 m
- **Additional suction inlets** — multiple inlet adaptors for different connection sizes
- **Suction accessories** — tools, hoses, and collection adapters for various applications
- **Mobile carriage base** — optional wheeled base for easy transport between work areas
- **Recovery tank accessories** — poly liner bags and collection sleeves for easy tank emptying
- **Replacement HEPA filters** — spare H14 filters as consumables for continued operation

Accessories and optional equipment

Authorized accessories improve versatility and productivity:



Tiger-Vac TV-25L detachable recovery tank removed



Tools and Accessories for TV-25L DT



Clear polyethylene recovery bags for TV-25L



HEPA H14 filter for TV-25L DT MFS HEPA WT

CONTACT**Particulair – Life Science Hub**

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