

# EFFICIENT AND RELIABLE

PRECISION DUST CONTROL FOR PROFESSIONAL CLEANING



**IPC**  
BY TENNANT COMPANY

# SQUARE VAC

# SQUAWA



# REEVAC

## **PRECISION DUST CONTROL FOR PROFESSIONAL CLEANING**

**Square Vac** is the professional vacuum cleaner designed to meet the rigorous demands of fine dust applications. This versatile vacuum is developed for both **wet & dry cleaning** and can operate as a **dust extractor** when used with power tools, making it ideal for demanding jobs like drilling, polishing, sanding, wall chasing, etc.

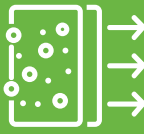
Available in tank sizes of 30 and 45 liters, and compliant with L and M filtration classes according to 60335-2-69 ANNEX AA standards, the **Square Vac** is suitable to meet different professional cleaning needs.

# KEY FEATURES



## **AUTOMATIC FILTER CLEANING SYSTEM**

Contributes to smooth performance with an automated cycle that reverses airflow every 30 seconds.



## **DUST CONTROL**

Efficiently captures low and medium hazard dust when used with power tools, keeping your workspace clean.



## **USER-FRIENDLY INTERFACE**

Intuitive controls include a power socket, warning indicators, hose diameter selector, and adjustable power and noise levels.



## **ENHANCED SAFETY**

The double filters with an extensive surface area, a disposal bag with closure, and an integrated inlet cap are designed to improve operator protection.



## **PRACTICAL DESIGN**

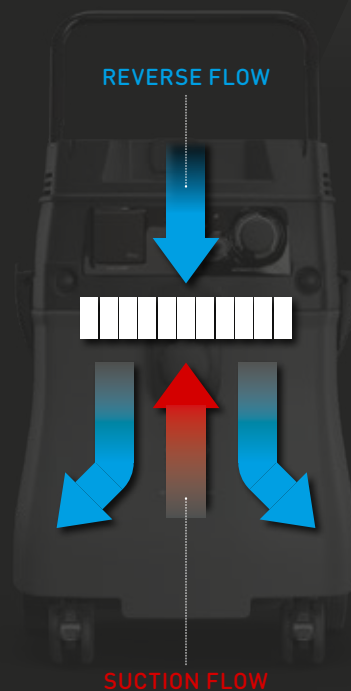
Compact and portable with a convenient carry handle, on-board cord storage, and braked front wheels for easy maneuverability.



AUTOMATIC FILTER  
CLEANING SYSTEM

# ADVANCED AUTOMATIC FILTER CLEANING SYSTEM

The Square Vac features an innovative automatic filter cleaning system that optimizes performance without interrupting suction power. Exhausted air from the suction motor is directed to the filters, initiating a cleaning cycle every 30 seconds. This process efficiently maintains suction by alternating between two large surface filters, helping to ensure continuous operation at peak efficiency.



## BENEFITS

- 01 Operators can focus on dust extraction thanks to the efficient and automatic filter cleaning technology.
- 02 The user-friendly front panel includes easy-to-use selectors for adjusting motor power and switching between automatic and manual modes to control the cleaning operations.
- 03 Integrated warning lights on the front panel provide real-time alerts for motor conditions and liquid levels inside the tank.
- 04 Rapid recovery of filtration efficiency reduces downtime, helping to maximize productivity.
- 05 Suction operations continue smoothly while the filter cleaning system actively maintains performance.

# DUST CONTROL

The Square Vac efficiently captures low and medium hazard dust when used with power tools, helping to ensure a cleaner and safer workspace while meeting stringent compliance standards (60335-2-69 ANNEX AA).

## 60335-2-69 ANNEX AA: LEVELS OF DUST HAZARD:

	<p>Dust which is considered dangerous for human health if present in the air, in concentration over than 1 mg/m<sup>3</sup>.</p>	<p>Examples: fine dust with a value lower than the general dust limit of 3 mg/m<sup>3</sup>, mineral dust containing aluminum hydroxide.</p>
	<p>Dust considered dangerous for human health if present in the air, in concentration over or equal to 0,1 mg/m<sup>3</sup>.</p>	<p>Examples: wood dust, paint dust, gypsum (plaster) dust.</p>



**WALL DRILLING**



**SURFACES CUTTING**



**FINE DUST EXTRACTION AND CONTROL**



**POLISHING, GRINDING AND SANDING**

EXAMPLES OF COMBINED POWER TOOLS (Tools are not sold with the vacuum cleaner)

# USER-FRIENDLY INTERFACE

The Square Vac's user-friendly interface includes a power socket, warning lights for maintenance and liquid levels, a hose diameter selector for airflow, and modes for manual or automatic operation. It also has a speed regulator to adjust power and noise levels for different tasks.



## Warning lights

Monitor maintenance needs, liquid levels in the tank, and motor activation



## Manual hose diameter selector

Choose from four positions to optimize airflow and receive alerts if suction performance drops due to hose or filter blockage (meets M Class requirements).



## Additional power socket

Supports electrical tools up to 2400W (at 230V)



## Manual/Automatic Power Modes:

Select 'M Mode' for manual operation or 'A Mode' for automatic activation with power tools.

## Speed Regulator

Adjust motor power and noise levels for optimal performance based on working situations.

# ENHANCED SAFETY

The Square Vac enhances operator safety with double cartridge filters for high filtration, an inlet cap and disposal bag to contain dust, and an automatic liquid sensor to prevent overflow. These features help to ensure a safer and cleaner work environment.



## Double Filter Efficiency

Double filters in class M paper material provide a large filtering surface of up to 10,000 cm<sup>2</sup>, helping to ensure efficient dust filtration and easy maintenance. Optional polyester filters are also available.



## Professional powercord H07BQ-F

Professional 8.5-meter orange electrical cable with H07BQ-F rubber insulation, highly durable for construction use.



## Secure Inlet Cap and Bag Closure

The integrated inlet cap and disposal bag with safety closure are designed to prevent dust spillage during operation and disposal, minimizing environmental contamination. (Inlet cap included in M-Class versions only)



## Liquid Sensor

An electronic sensor automatically stops suction when liquids reach the tank's maximum capacity, preventing overflow and maintaining safe operation.





# PRACTICAL DESIGN

The Square Vac combines practicality and convenience with its compact size, integrated carry handle, on-board storage for the power cord, and sturdy braked front wheels.



## Carry handle

Easy maneuverability, whether with or without a toolbox (available on 45-liter model).

## Flat support head

Provides a spacious area on the head for transporting a professional toolbox.

## Integrated storage

The 45-liter version includes a front compartment for storing accessories or the power cord.

## Braked wheels

Professional front wheels with brakes for stability on any surface during use.

# RELIABLE DUST CONTROL FOR VARIOUS INDUSTRIES

**Square Vac** is an essential tool in hardware, construction, wood processing, manufacturing, and automotive sectors. It can be operated with power tools for tasks such as wall drilling, surface cutting, fine dust extraction and control, polishing, grinding, and sanding. Capable of effectively collecting materials like concrete, plaster, stone, sand, cement, wood, paint, varnish, and more.

Designed for professionals requiring efficient and safe handling of diverse materials, Square Vac ensures reliable dust controlling and cleaning solutions in both workshop and construction site environments.

- **Industries:**  
Hardware, Construction Industry, Wood Industry, Manufacturing, Automotive.
- **Intended applications:**  
wall drilling, surfaces cutting, fine dust extraction and control, polishing, grinding and sanding.
- **Common materials:**  
concrete, plaster, stone, sand, cement, wood, gypsum, paint, varnish (not flammable/explosive).



# SPECIFICATIONS

Explore the range – **Square Vac** is available in four configurations to suit different needs: choose between 30- and 45-liter tanks and select filter classes L or M. These options meet different professional needs, helping to ensure versatility and efficiency in various industries.

MODEL NAME	SQUARE VAC 1/30 L	SQUARE VAC 1/45 L	SQUARE VAC 1/30 M	SQUARE VAC 1/45 M
IPC P/N	ASD014270	ASD014271	ASD014272	ASD014273
Filtration Class	L (Low hazard)	L (Low hazard)	M (Medium hazard)	M (Medium hazard)
Tank capacity	30 liters	45 liters	30 liters	45 liters
Usage	Wet & Dry	Wet & Dry	Wet & Dry	Wet & Dry
Suction motor	1x double stage	1x double stage	1x double stage	1x double stage
Powercord - Plug	8.5 m; Orange; Schuko plug; H07BQ-F	8.5 m; Orange; Schuko plug; H07BQ-F	8.5 m; Orange; Schuko plug; H07BQ-F	8.5 m; Orange; Schuko plug; H07BQ-F
Voltage	220-240 V / 50-60 Hz	220-240 V / 50-60 Hz	220-240 V / 50-60 Hz	220-240 V / 50-60 Hz
Power [Motor + Socket]	1200 W + 2400 W	1200 W + 2400 W	1200 W + 2400 W	1200 W + 2400 W
Airflow	250 m³/h	250 m³/h	250 m³/h	250 m³/h
Waterlift	2200 mmH <sub>2</sub> O	2200 mmH <sub>2</sub> O	2200 mmH <sub>2</sub> O	2200 mmH <sub>2</sub> O
Weight	10.2 Kg	13.5 Kg	10.2 Kg	13.5 Kg
Dimensions LxWxH	430x425x510 mm	470x450x635 mm	430x425x510 mm	470x450x635 mm
Cartridge filter; Material	2x 5.000 cm²; paper class M	2x 5.000 cm²; paper class M	2x 5.000 cm²; paper class M	2x 5.000 cm²; paper class M



FEATURE	SQUARE VAC 1/30 L	SQUARE VAC 1/45 L	SQUARE VAC 1/30 M	SQUARE VAC 1/45 M
IPC P/N	ASD014270	ASD014271	ASD014272	ASD014273
Disposal bag 5 Kg - Class M	●	●	●	●
Sensor for liquids level	●	●	●	●
Ground static electricity	●	●	●	●
Toolbox hook	●	●	●	●
Carry handle		●		●
Rear case for hose/cable storage		●		●
Power and noise control	●	●	●	●
Remote control for electric tools	●	●	●	●
Warning light to live monitoring	●	●	●	●
Hose diameter selector			●	●
Warning buzzer for cloggings			●	●
Inlet cap for safe transport			●	●

# ACCESSORIES

## STANDARD EQUIPMENT

CODE: TBFX01375  
ANTISTATIC FLEXIBLE HOSE 5 m  
Ø29 mm



CODE: MPVR13703  
UNIVERSAL HOSE ADAPTER



CODE: FTDP00897 (FOR 1 PC)  
PAPER CARTRIDGE FILTER  
(MACHINE COMES WITH 2 PCS)



CODE: FTDP00899  
FILTER BAG WITH SAFE CAP



## OPTIONAL ACCESSORIES

CODE: FTDP00898 (FOR 1 PC)  
POLYESTER WASHABLE  
CARTRIDGE  
(MACHINE COMES WITH 2 PCS)



CODE: MPVR09084  
UNIVERSAL CONDUCTIVE  
TOOL ADAPTER



CODE: PMDT00905  
CONDUCTIVE PLASTIC FLAT  
LANCE



## CODE: PMDT01084 - FLOOR CLEANING ACCESSORIES KIT D. 38MM

CODE: TBFX01231  
FLEXIBLE HOSE 2.5 m  
Ø38 mm



CODE: MPVR43047  
HANDLE WITH AIR REGULATOR  
Ø38 mm



CODE: LAFN43048 (FOR 1 PC)  
ALUMINUM/PLASTIC TUBE  
50 cm Ø 38 mm  
(MACHINE COMES WITH 2 PCS)



CODE: SPPV43050  
DUST TOOL Ø38 mm



CODE: SPPV43051  
WET TOOL Ø38 mm



CODE: SPPV00156  
FLAT LANCE Ø38 mm



CODE: SPPV43052  
ROUND BRUSH Ø38 mm



CODE: MPVR43049  
ADAPTER



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**CODE: PMDT00026 - FLOOR CLEANING ANTISTATIC ACCESSORIES KIT D.38MM**

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CODE: TBFX00794  
**CONDUCTIVE FLEXIBLE HOSE 4 m Ø38 mm**



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CODE: LAFN28240  
**DOUBLE STEEL WAND**



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CODE: SPPV37133  
**DUST TOOL Ø38 mm**



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CODE: MPVR00152 (FOR 1 PC)  
**PLASTIC TUBE 50 cm**  
(MACHINE COMES WITH 2 PCS)



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CODE: SPPV43052  
**ROUND BRUSH Ø38 mm**



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CODE: SPPV00156  
**FLAT LANCE Ø38 mm**



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**CODE: PMDT00443 - FLOOR CLEANING ACCESSORIES KIT D.50MM**

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CODE: TBFX01027  
**FLEXIBLE HOSE 3 m Ø50 mm**



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CODE: LAFN49581  
**COMPLETE ALUMINIUM DOUBLE WAND Ø50 mm**



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CODE: SPPV01960  
**BRISTLE BRUSH Ø 50 mm**



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CODE: SPPV49600  
**CHROMED FLAT LANCE Ø 50 mm**



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CODE: MPVR40232 (FOR 1 PC)  
**SQUEEGEE**  
(KIT COMES WITH 2 PCS)









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Information about waterlift and airflow refers to motors performances.  
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