



**NEW!**

# TAKING YOU TO **NEW HEIGHTS** IN CLEANING



## Pac-Vac® 6 and 10 Aircomfort

Featuring a Harness System Designed by Deuter  
The World's Leader in Professional Hiking Equipment



# Pac-Vac® 6 and 10 Aircomfort

## DEUTER® AND TORNADO® . . . THE PERFECT MARRIAGE

While the amount of suction or CFM a vacuum produces is meaningless if worker productivity is compromised, most competitive backpack vacuums on the market today fail when it comes to operator comfort.

Partnering with Deuter, the world leader in hiking and mountain climbing backpacks, Tornado has finally made backpack vacuuming practical. The marriage of Tornado's innovative vacuum technology with Deuter's state-of-the-art harness, results in a unit we're confident you'll agree is the most comfortable backpack vacuum on the market today!

## THE DEUTER DIFFERENCE: GAME-CHANGING COMFORT

One of the world's iconic brands, Deuter has been in the hiking backpack business since 1898 serving world-class athletes and recreational users. From a humble beginning over a hundred years ago supplying the Royal Bavarian Post Office with postage bags and mail sacks, Deuter has grown to become the number one backpack company in the world. Dedicated to producing technically advanced products, Deuter backpacks and harnesses are renowned for their durability and comfort.

Working together with professional athletes, mountaineers, and mountain guide associations, Deuter engineers approach their assignments with passion and enthusiasm, developing products that have revolutionized the hiking and mountaineering industry over the years. The commitment and expertise hasn't gone unnoticed, with Deuter products regularly winning awards and 5 star reviews around the world, like Outside Magazine, which named Deuter "Gear of the Year", and have written "They're the Cadillac of multi-day packs with cushy hip belts, shoulder straps, and a slew of smart features."

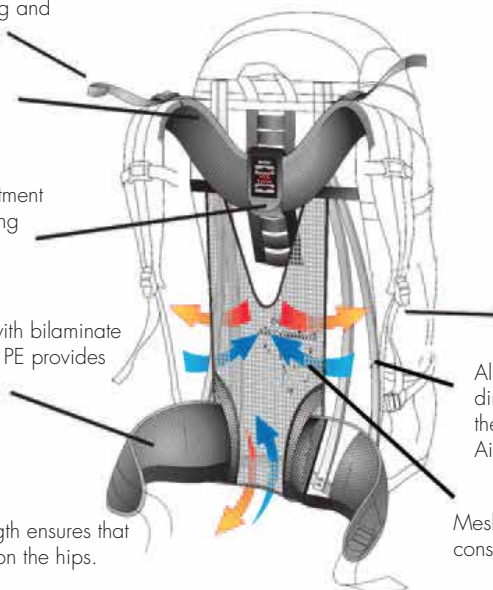
Shoulder stabilizer straps allow for better positioning and control of the pack.

Anatomically shaped shoulder straps with 3D Air Mesh lining.

Vari-Quick adjustment system for differing torso lengths.

Contoured hip belt with bilaminar foam reinforced with PE provides comfort on the hips.

Longer overall torso length ensures that weight will be situated on the hips.



## THE AIRCOMFORT SYSTEM

Standard backpack vacuums encounter heat buildup at the back of the operator, which can cause discomfort and decrease cleaning productivity. The specially designed and patented Aircomfort System from Deuter keeps a layer of air between the operator and machine on Tornado's Pac-Vac® Series.

Independent testing of Deuter's famous Aircomfort harness has proven its effectiveness at **reducing wearer perspiration by up to 25%**, positively impacting the operator's body temperature over standard closed back systems. Deuter products have earned coveted TUV certification, with Aspen Times saying "Aircomfort makes Deuter the leader of the pack, with a discernible gain in wearer comfort."

The patented Aircomfort system includes:

- A lightweight, rounded frame and mesh back that creates a layer of flowing air between the wearer and the pack for ultimate cooling.
- Padded, contoured shoulder straps covered with wide air-mesh, allowing the wearer's body to breathe.
- Ergonomic and anatomically shaped stable hip fins and waist belt, proven to balance pack weight, setting the wearer free to roam comfortably.

## CUSTOMIZABLE FIT

There is a science to fit and comfort! The Deuter Aircomfort harness system on Tornado's Pac-Vac 6 and 10 Aircomfort Series offers five unique adjustments ensuring a secure, cool, and individualized fit:

- Hip belt
- Shoulder straps
- Sternum straps
- Stabilizer straps
- Vari-Quick System

Statistics show that a large percentage of housekeepers are women, yet most backpack vacuums take a one size fits all approach. Recognizing differences in men and women's bodies, the Vari-Quick System allows the operator to easily adjust everything from the back length of the harness to the Vari-Flex hip belt, ensuring the perfect fit and comfort combination.

Creates a layer of flowing air delivering unsurpassed comfort

Aluminum stays direct weight directly to the hip belt, enhancing the stability of the integrated Aircomfort back system.

Mesh back panel allows constant air flow from 3 directions.



## MAXIMIZE CLEANING SPEED AND EFFICIENCY

Tornado's Pac-Vac 6 and 10 Aircomfort Backpack Vacuums provide users with a fast and cost-effective alternative to traditional upright vacuums. Designed for performance, superior operator comfort, and increased productivity, these super-quiet units eliminate the need for multiple machines for different surfaces. Carpet, hard floors, upholstery, and above head cleaning become a breeze to clean, with productivity reaching 7,000 or more square feet per hour.

## CRI GOLD SEAL OF APPROVAL

The CRI Seal of Approval program identifies effective carpet cleaning solutions and equipment that clean carpet thoroughly the first time, while protecting a facility's investment in carpeting. Not all products clean well enough to earn the Seal of Approval distinction, so the CRI Seal of Approval serves as proof that you are purchasing or using a quality product. Tornado's Pac-Vac 6 and 10 Aircomfort Backpack Vacuums have earned GOLD honors in CRI's rigorous testing making them among the most elite backpack vacuums available on the market today!



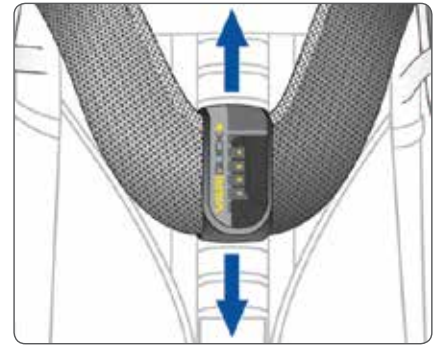
## MINIMIZE SERVICE

Tornado Pac-Vac 6 and 10 Aircomfort Backpack Vacuums have a low cost of ownership compared to upright vacuums, thanks to minimal service requirements. Everything from paperclips to clothing tags, which traditional upright vacuums can struggle to recover, are picked up with ease. With a 1.9 HP motor, Tornado Pac-Vacs achieve static waterlift of 110" and airflow of 110 CFM, far surpassing most traditional uprights. Thanks to Tornado technology, outstanding performance doesn't come at the expense of high noise levels. To the contrary, the units operate at a whisper quiet 69.5 dBa.



## INDOOR AIR QUALITY

Tornado's Pac-Vac 6 and 10 Aircomfort Backpack Vacuums come standard with a four-stage filtration system, including a HEPA filter cartridge, designed to help protect and improve Indoor Air Quality (IAQ) and reduce the risk associated with the redistribution of potentially harmful particles and allergens. Use of HEPA filtered vacuums is a requirement for green cleaning, in LEED-certified buildings, and required by CIMS-GB standards. Use of Tornado's Pac-Vac® backpack vacuum ensures that you meet green cleaning standards, as well as protect the health of building occupants and front-line workers.



## ERGONOMIC

With the Vari-Quick system, users have the ability to adjust the unit to fit the exact length of their torso. There are also five points of adjustment for the harness straps, delivering a truly customized fit unmatched by other backpacks on the market.



## FOUR-STAGE FILTRATION

The filtration system includes a disposable filter bag, an intake filter and a HEPA filter cartridge.



## PACKAGED COMPLETE

Standard attachments include a crush-proof hose, double bend wand, carpet and floor tools, a dust brush, upholstery tool and crevice tool.



## ACCESSORIES

Standard accessories are located on the belt for quick, hands-free convenient access. This facilitates above-ground cleaning in hard-to-reach areas.



## COMFORTABLE

The Vari-Quick system offers a comfortable fit for housekeepers, facility engineers and cleaning workers of all heights and sizes.

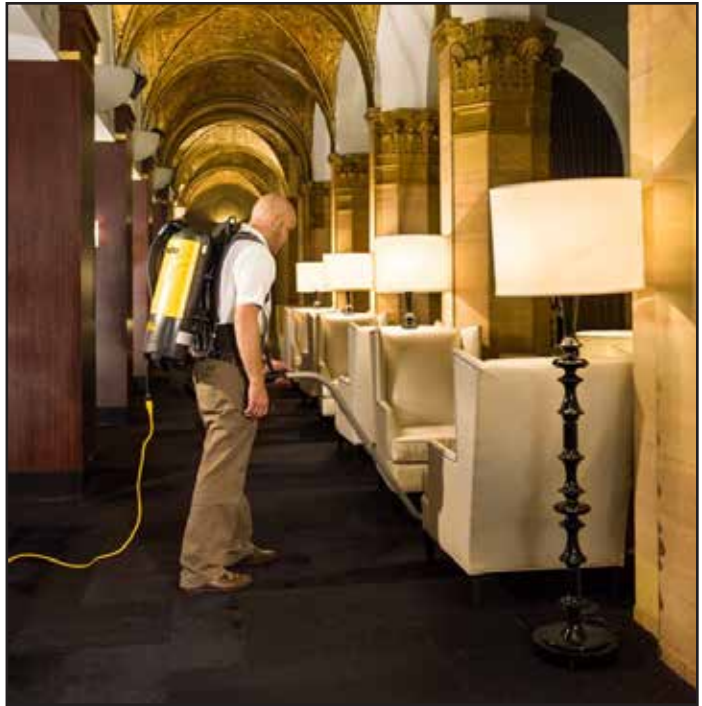
# Pac-Vac 6 and 10 Aircomfort

## KEY FEATURES

- Ergonomically designed back support and 5-point adjustable harness, designed by Deuter, the world's leader in professional hiking equipment
- Four-Stage Filtration System including a HEPA filter cartridge contributes to improving Indoor Air Quality (IAQ)
- Superior 69.5 dB rating for whisper-quiet operation
- Lightweight
- Back panel delivers unrivaled comfort, creating a layer of flowing air to reduce wearer perspiration by up to 25% over a normal closed back system.
- 110" water lift
- 110 CFM
- Complete set of tools and adjustable double bend wand

## VERSATILITY

Tornado's Pac-Vac 6 and 10 are perfect for use in a variety of environments including hospitals, schools, libraries, commercial offices, government facilities, hotels and department stores.



## CLEANING SYSTEM APPLICATIONS

- Zone Cleaning
- Specialist Cleaning
- Day Cleaning
- Cooperative Cleaning



PAC-VAC 10 AIRCOMFORT



PAC-VAC 6 AIRCOMFORT



PRODUCT SPECIFICATIONS		
MODEL	Pac-Vac 6 Aircomfort	Pac-Vac 10 Aircomfort
CATALOG NUMBER	93012	93014
MACHINE DIMENSIONS		
L X W X H	7.5 in x 9.5 in x 20.5 in 19 cm x 24 cm x 52 cm	7.5 in x 9.5 in x 25.25 in 19 cm x 24 cm x 64 cm
NET WEIGHT	13 lbs. / 6 kg	14 lbs. / 6 kg.
RECOVERY BAG CAPACITY	6 qt. / 5.69 l	10 qt. / 9.46 l
CORD TYPE	Pig Tail	Pig Tail
CLEANING SYSTEM		
APPROVALS	CRI Gold Level	CRI Gold Level
AIRFLOW	110 CFM / 3.11 m3/h	110 CFM / 3.11 m3/h
WATERLIFT	110 in. / 279 cm	110 in. / 279 cm
PRODUCTIVITY PER HOUR	7,407 sq. feet per hour 688 sq. meters per hour	7,407 sq. feet per hour 688 sq. meters per hour
FILTRATION SYSTEM	4-Stage with HEPA cartridge	4-Stage with HEPA cartridge
SOUND LEVEL	69.5 dB(A)	69.5 dB(A)
MOTORS		
VACUUM MOTOR	8.5 A	8.5 A
POWER	120 V / 60 Hz	120 V / 60 Hz
REPLACEMENT ITEMS AND ACCESSORIES		
PAPER COLLECTION BAGS (SET OF 10)	C352-2500	B352-7800
OUTER CLOTH BAG	C352-1400	C352-1500
HEPA FILTER	B352-2401	B352-2401
MOTOR EXHAUST FILTER	B352-2400	B352-2400
HOSE	J1006	J1006
DOUBLE BEND WAND	CT171	CT171
17" CREVICE TOOL	CT176	CT176
5" UPHOLSTERY TOOL	CT188	CT188
3" DUSTING TOOL	CT184	CT184
14" EASY GLIDE CARPET TOOL	CT194	CT194
14" CARPET TOOL	B352-PF10	B352-PF10
14" HARD FLOOR TOOL	C352-PF20	C352-PF20
OPTIONAL ITEMS		
ALUMINUM TELESCOPING WAND	CT170	CT170
WAND ADAPTER	J1007	J1007
FOAM EXHAUST FILTER (IN LIEU OF HEPA)	B352-5200	B352-5200
2 FT. - 6 FT. STRECH HOSE	J1005	J1005



1150 Davis Road, Suite J, Elgin, IL 60123  
 P: (847) 468-8800 • (800) 788-8867 • F: (847) 468-8811  
 www.lorchem.com • info@lorchem.com

We Know How To Get Things **CLEAN**

©2013 Tornado Industries. All rights reserved.

Form#: F3995. Printed in USA