

# VZN Ultrafiltration System



**VZN-441V-T5**



**VZN-421H**



**VZN-441H-T5**



Systems tested and certified by NSF International against NSF/ANSI:  
 Standard No. 42: Aesthetic Effects  
 Nominal Particulate Reduction Class I.  
 Standard No. 53: Health Effects  
 Cyst Reduction  
 Turbidity Reduction  
 as verified and substantiated by test data.



VIZION™ offers systems that assure the highest quality ingredient water at the lowest cost of ownership for premium water filtration. The VZN series couples that assurance with a lower total cost of ownership and smaller footprint.

The VZN systems use self-cleaning ultrafiltration ahead of a low-cost carbon cartridge to separate mechanical filtration from taste and odor reduction. This self-cleaning and separation assures the full stated life expectancy of the carbon cartridge and provides it with mechanically pure water, which eliminates premature clogging. Systems with the T5 cartridge utilize the TAC (template-assisted crystallization) technology to protect your equipment against lime scale buildup.

The VZN systems provide a lower total cost of ownership, ensuring you have an immediate measurable return on investment compared with your existing system.

## Features

- .015 micron ultrafilter removes particles 33 times finer than .5 micron filtration, assuring consistent high-quality water.
- Self-cleaning particle reduction assures low maintenance costs.
- Separation of mechanical filtration from taste and odor reduction assures only one low-cost carbon cartridge change per year.
- TAC cartridge reduces lime scale by 96–98% without using chemicals or wasting water.
- Maintains good water minerals that provide benefits to customers' health while also creating high-quality drinks.
- Small footprint ideal for foodservice market.
- Systems available for chloramine reduction (tested and verified by independent laboratory testing).

# VZN Ultrafiltration System

VZN systems assure the highest quality ingredient water at the lowest cost of ownership for premium water filtration. They combine technologies into one system to deliver better-tasting, ultrafiltered water. Our complete line of water filtration products ensure we have the system to meet your specific needs.

- Maximum Operating Pressure: 100 psig (690 kPa)
- Maximum Operating Temperature: 104°F (40°C)
- Nominal Pore Size: .015 microns
- pH Range: 6.5 to 8.5
- MWC0: 100 to 150 kD
- Volts: 100 to 240
- Watts: 10
- Amps: .08
- Hertz: 50/60
- Includes plug adaptors for US, Europe, Australia & UK

	Model & Mfg. No.	Operating Dimensions				Shipping Dimensions				Plumbing Connections				Capacities		
		Width	Depth	Height	Weight	Length	Width	Height	Weight	Inlet	Outlet	Drain	Rinse	Peak Capacity Per Min.	Carbon Lifespan	UF Length
Horizontal System with one Carbon Cartridge	VZN-421H 9700720	31" (79 cm)	9" (23 cm)	38" (96.5 cm)	67 lbs. (31 kg)	34" (86 cm)	25" (64 cm)	19" (48 cm)	48 lbs. (22 kg)	3/4" MNPT	3/4" MNPT	3/4" FNPT	3/4" GHT	8 gal.* (30 liters)	1 year	20" (51 cm)
	VZN-441H 9700740	50" (127 cm)	9" (23 cm)	38" (96.5 cm)	83 lbs. (38 kg)	53" (135 cm)	25" (64 cm)	19" (48 cm)	56 lbs. (25 kg)	3/4" MNPT	3/4" MNPT	3/4" FNPT	3/4" GHT	15 gal.** (57 liters)	1 year	40" (102 cm)
Horizontal System with one Carbon Cartridge and one TAC-5	VZN-421H-T5 9700730	31" (79 cm)	9" (23 cm)	39" (99 cm)	82 lbs. (37 kg)	34" (86 cm)	25" (64 cm)	19" (48 cm)	60 lbs. (27 kg)	3/4" MNPT	3/4" MNPT	3/4" FNPT	3/4" GHT	8 gal.* (30 liters)	1 year	20" (51 cm)
	VZN-441H-T5 9700750	50" (127 cm)	9" (23 cm)	39" (99 cm)	98 lbs. (44 kg)	53" (135 cm)	25" (64 cm)	19" (48 cm)	68 lbs. (31 kg)	3/4" MNPT	3/4" MNPT	3/4" FNPT	3/4" GHT	15 gal.** (57 liters)	1 year	40" (102 cm)
Vertical System with one Carbon Cartridge	VZN-441V 9700742	24" (61 cm)	10 1/8" (26 cm)	49 5/16" (125 cm)	83 lbs. (38 kg)	52" (132 cm)	12" (30 cm)	29" (74 cm)	59 lbs. (27 kg)	3/4" MNPT	3/4" MNPT	3/4" FNPT	3/4" GHT	15 gal.** (57 liters)	1 year	40" (102 cm)
Vertical System with one Carbon Cartridge and one TAC-5	VZN-441V-T5 9700752	32 3/4" (83 cm)	10 1/8" (26 cm)	49 5/16" (125 cm)	98 lbs. (44 kg)	52" (132 cm)	12" (30 cm)	37" (94 cm)	74 lbs. (34 kg)	3/4" MNPT	3/4" MNPT	3/4" FNPT	3/4" GHT	15 gal.** (57 liters)	1 year	40" (102 cm)

\* NSF certified at 7.9 gpm. \*\* NSF certified at 13 gpm.

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