

Ultraseal-V 2000

High-Capacity Absolute Filter

Northland **Ultraseal-V 2000** applications include

- Medical facilities
- Pharmaceuticals
- Semiconductor facilities
- Food processing plants
- Many other applications requiring ultra clean air and critical performance



The Northland **Ultraseal-V 2000** provides high-efficiency HEPA grade performance for high air flow applications at significantly lower pressure drops and more than double the media surface area of conventional box style filters.

Ultraseal-V 2000 features and benefits:

- 10 high-efficiency media packs in a V-bank design yield low configuration loss and optimum airflow.
- Airflow capacity to 2000 cfm with initial resistance to airflow of less than 1.0" w.g., as certified by independent test data.
- Wet-laid water-resistant micro fiberglass media capable of withstanding up to 99% relative humidity with overall efficiency of 99.99% at 0.3 micron.
- Up to 373 square feet of media, resulting in lower average pressure drop, longer periods between changes and lower disposal costs.
- The **Ultraseal-V 2000** may offer 3-4 times the life of a standard absolute filter.
- Neoprene-sealing gaskets ensure a leak-free filter-to-holding mechanism seal.
- Each unit is individually tested and certified (serialized on the product label) noting actual tested performance values.
- Installs in any standard HEPA mounting system without modifications (may require alternate fasteners).
- Full and half sizes available in galvanized, aluminum and stainless steel frames.

All filters are unconditionally guaranteed against manufacturers' defects for 30 days from date of invoice only. Prices are subject to change without notice. All prices are NET, plus freight.

SPECIFICATIONS

Dimensions in Inches A x B x C	Air Flow CFM	Pressure Drop In. W.G.	Efficiency @ .3 micron	Media Area Sq. Ft.	Part Number
24 x 24 x 11 1/2	2000	.93	See Chart	373	-- 2424XC _ 02 _ 1
24 x 12 x 11 1/2	1000	.93	See Chart	188	-- 2412XC _ 02 _ 1
23 3/8 x 23 3/8 x 11 1/2	2000	.93	See Chart	373	-- 2424HC _ 02 _ 1
23 3/8 x 11 3/8 x 11 1/2	1000	.93	See Chart	188	-- 2412HC _ 02 _ 1

Part Number Code: -- 2424XC _ 02 _ 1

Media:	HEPA 1	Efficiency:	99.99% A	Frame Material:	.050 Aluminum J	Gasket Location:	Downstream 1
	DOP 2		99.97% B		20 Ga 304 Stainless Steel Z		Upstream 2
			95% DOP C		20 Ga Galvanized T		

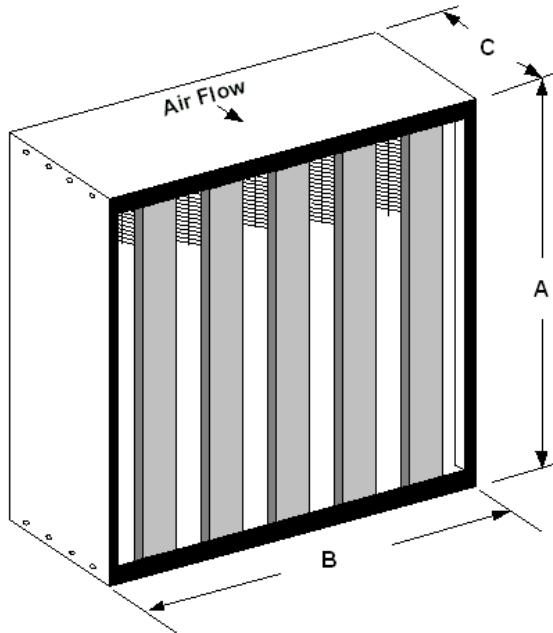
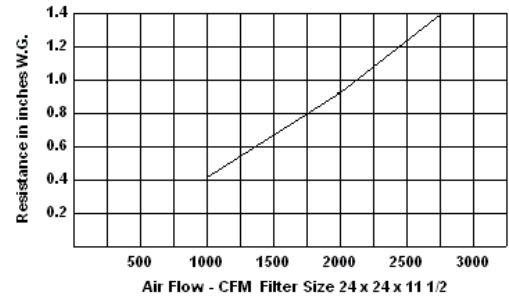
Northland Filter International ULTRASEAL V 2000 Specifications

GENERAL

'Northland's ULTRASEAL 2000 V-Bank is a high efficiency minipleat, gasket se style filter, designed to operate at 500 FPM with an initial resistance of .93 W.G. # **INDEPENDENT LABORATORY TESTED FOR RESISTANCE AT RATED FLOW**
'Applications: Environments requiring 95% DOP, 99.97%, or 99.99% efficiency o .3 micron particles.

CONSTRUCTION

- * Frame: Fabricated .050 Aluminum, 20 Ga Stainless Steel, or 20 Ga Galvanized Steel
- * Media: Continuous sheet of non-combustible, waterproof, microglass fiber.
- * Separators: Thermoplastic on one and one eighth centers.
- * Sealant: Urethane bonding and securing the media pack to the frame.
- * Gasket: Closed cell neoprene
- * Maximum operation temperature: 200F
- * Testing: All HEPA filters are 100% tested on Q-107 per Mil-Spec-282



Northland Filter International

Ultraseal V 2000
99.99%, 99.97%. 95% DOP

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