

Applications

Meat & Poultry

Beverage

Dairy

Refrigerated Storage
& Warehousing

Ice Rinks & Arenas

Micro Electronics



VSM Cool Compression™ Single-Screw Compressors

The high efficiencies of the standard Vilter Screw Compressor can save you MILLIONS in energy and maintenance costs.

Now, Vilter's new Cool Compression offers additional cost savings:



Operational **SAVINGS**

*\$33,195

Fewer components to maintain

- No oil pump
- No oil cooler
- No 3-way valve
- No coalescent element
- No separate heat exchanger

Less maintenance

- Cleanable oil filter
- No major overhauls
- Up to 90% less oil charge

Installation **SAVINGS**

\$30,000

- Less piping - \$7,000
- No special receiver - \$3,000
- Smaller engine room - \$14,000
- No engine room heat to remove - \$6,000

Take advantage of these Cool Compression features:

Thermosyphon-like efficiencies and a smaller package. Let Vilter Manufacturing demonstrate how to compress your costs and bring significant SAVINGS to your bottom line.

*Computed over 15 years. Dollars vary on application.

VSM COOL COMPRESSION™ SPECIFICATIONS

| Vilter Model No. | Separator Diameter (b) | CFM (c) | Standard Connection Sizes | | Unit Dimensions (Approx.) | | | Approx. Shipping Weight (lbs) (a) |
|------------------|------------------------|---------|---------------------------|---------------|---------------------------|-----------|------------|-----------------------------------|
| | | | Suction (b) | Discharge (b) | Length (b) | Width (b) | Height (b) | |
| VSM-201 | 12" | 201 | 3 | 2 | 81" | 41" | 65" | 2,450 |
| VSM-301 | 12" | 306 | 3 | 2 | 81" | 41" | 65" | 2,500 |
| VSM-361 | 12" | 351 | 3 | 2 | 81" | 41" | 65" | 2,500 |
| VSM-401 | 12" | 402 | 4 | 2 | 81" | 41" | 65" | 2,500 |
| VSM-501 | 16" | 488 | 4 | 4 | 96" | 40" | 76" | 3,966 |
| VSM-601 | 16" | 582 | 4 | 4 | 96" | 40" | 76" | 4,001 |
| VSM-701 | 16" | 671 | 5 | 4 | 96" | 40" | 76" | 4,036 |

(a) Weight is without motor.

(b) Dimensions shown in inches are approximate and should not be used for construction. Dimensions can vary if motor is longer than separator.

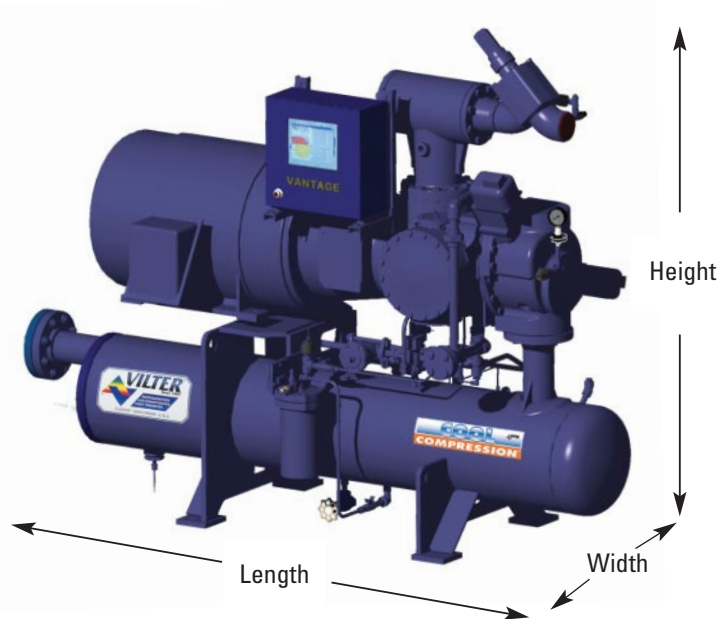
(c) Model operating at 3550 RPM.

VSM Features:

- Parallax™ slide system**—It's the key to part load efficiencies, far superior to twin-screw compressors. Capacity and volume slides (with an expanded volume ratio of 1.2 to 7.0) move independently of each other based on load, eliminating over or under compression and saving motor horsepower.
- Vantage™ micro-controller**—The Vilter Vantage™ micro-controller comes standard on the VSM. Developed in Windows CE™ utilizing Think and Do™ software for user-friendly operation, the Vantage features a smaller profile and multiple languages, as well as English or SI units of measure.

Need a more powerful controller? No problem. You can upgrade to the **Vission™ micro-controller**, 2000 winner of *Start Magazine's* third annual Technology and Business Award competition.

- 5/15 Warranty**



Vilter Manufacturing Corporation
 5555 South Packard Ave. • Cudahy, Wisconsin 53110-8904
 Telephone: (414) 744-0111 • Fax (414) 744-3483 • email: custserv@vilter.com • www.vilter.com
 An employee-owned company • District Sales Offices & Distributors Worldwide

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