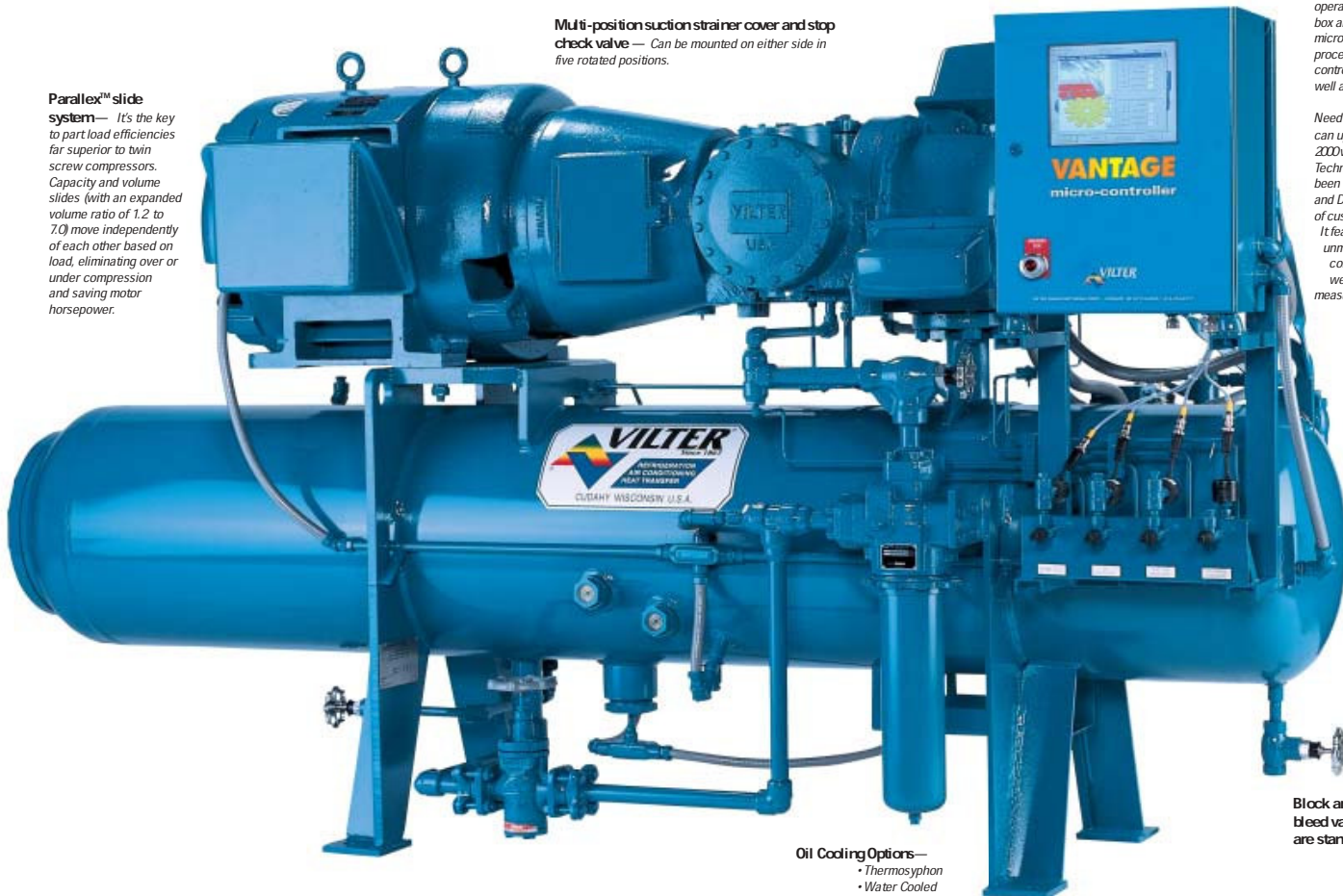




## TRADITION & TECHNOLOGY Together. Working For You.

**Parallex™ 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.

**Multi-position suction strainer cover and stop check valve** — Can be mounted on either side in five rotated positions.



**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 box and passive screen. But just like Vilter's other micro-controllers, the Vantage features dual processing power, multiple languages in the controller (English, Spanish and French), 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 & Business Award competition. It has been developed in Windows CE™ utilizing Think and Do™ software for user-friendly operation, ease of custom programming and maximum flexibility. It features dual processing power providing unmatched reliability. Standard languages in the controller are English, Spanish and French, as well as English or SI units of measure.

The Vilter Mini Screw (VSM) is the latest in Vilter's long, respected line of compressors for industrial cooling applications. The VSM, featuring Vilter's signature single screw design, has one main rotor and either one or two gate rotors, depending on the model. The VSM is quieter than twin screws, especially the gear-driven models.



Its compact design has no external tubing on the compressor, no gear box and an optional oil pump (based on application), making the VSM

a very cost-efficient model. Plus, it features the Vilter Vantage micro-controller and our exceptional 5/15 warranty.

**Oil Cooling Options—**  
• Thermosyphon  
• Water Cooled  
• Liquid Injection

Block and bleed valves are standard



### VSM Specifications

Vilter Model Number	CFM	Base Rating (a)				Std. Conn Sizes		Unit Dimensions (Approximate)					Approx. Shipping (d) Weight (lbs)
		Ammonia		R-22		Suction (b)	Discharge (b)	A (b) Length	B (b) Width	C (b) Height	D (c) opt. Dual Oil Filter	E (c) Optional Oil Cooler	
VSM-71 *	75	27	30	25	28	3	3	8'-8"	3'-8"	5'-2"	9'0"	8-3/4"	3400
VSM-71E		28	31	26	29								
VSM-91 *	87	31	35	28	33	3	3	8'-8"	3'-8"	5'-2"	9'0"	8-3/4"	3400
VSM-91E		33	36	30	34								
VSM-101 *	99	37	40	34	37	3	3	8'-8"	3'-8"	5'-2"	9'0"	8-3/4"	3400
VSM-101E		39	41	36	38								
VSM-151	153	56	61	51	57	3	3	8'-8"	3'-8"	5'-2"	9'0"	8-3/4"	3400
VSM-151E		60	63	55	59								
VSM-181	176	65	71	60	66	3	3	8'-8"	3'-8"	5'-2"	9'0"	8-3/4"	3400
VSM-181E		69	73	64	68								
VSM-201	201	75	81	69	75	3	3	8'-8"	3'-8"	5'-2"	9'0"	8-3/4"	3400
VSM-201E		79	83	74	78								
VSM-301	306	114	129	104	120	3	3	8'-8"	3'-8"	5'-2"	9'0"	8-3/4"	3600
VSM-301E		121	133	113	125								
VSM-361	351	134	149	123	138	3	3	8'-8"	3'-8"	5'-2"	9'0"	8-3/4"	4150
VSM-361E		142	153	132	143								
VSM-401	402	154	168	141	156	4	3	8'-8"	3'-8"	5'-2"	9'0"	8-3/4"	4150
VSM-401E		164	173	153	162								
VSM-501	493	190	202	177	204	4	3	8'-11"	3'-8"	7'-6"	9'0"	10-3/4"	5500
VSM-501E		208	215	213	235								
VSM-601	591	228	236	210	229	4	4	9'-8"	4'-0"	7'-10"	9'0"	10-3/4"	6000
VSM-601E		252	256	256	272								
VSM-701	680	262	268	242	260	5	4	9'-8"	4'-0"	7'-10"	9'0"	10-3/4"	6000
VSM-701E		290	291	295	309								

(a) Tons and BHP based on 20°F and 95°F; 10°F liquid subcooling, saturated suction. Ratings for other refrigerants are available - Consult home office.

(b) Dimensions shown are approximate and should not be used for construction.

(c) Addition to compressor package

(d) With standard motor and liquid injection oil cooling. Units with external cooler will weigh approximately 500 pound more.

"E" models above are econ-o-Mizer® models

\* Models operate at 1775RPM; all others operate at 3550RPM

