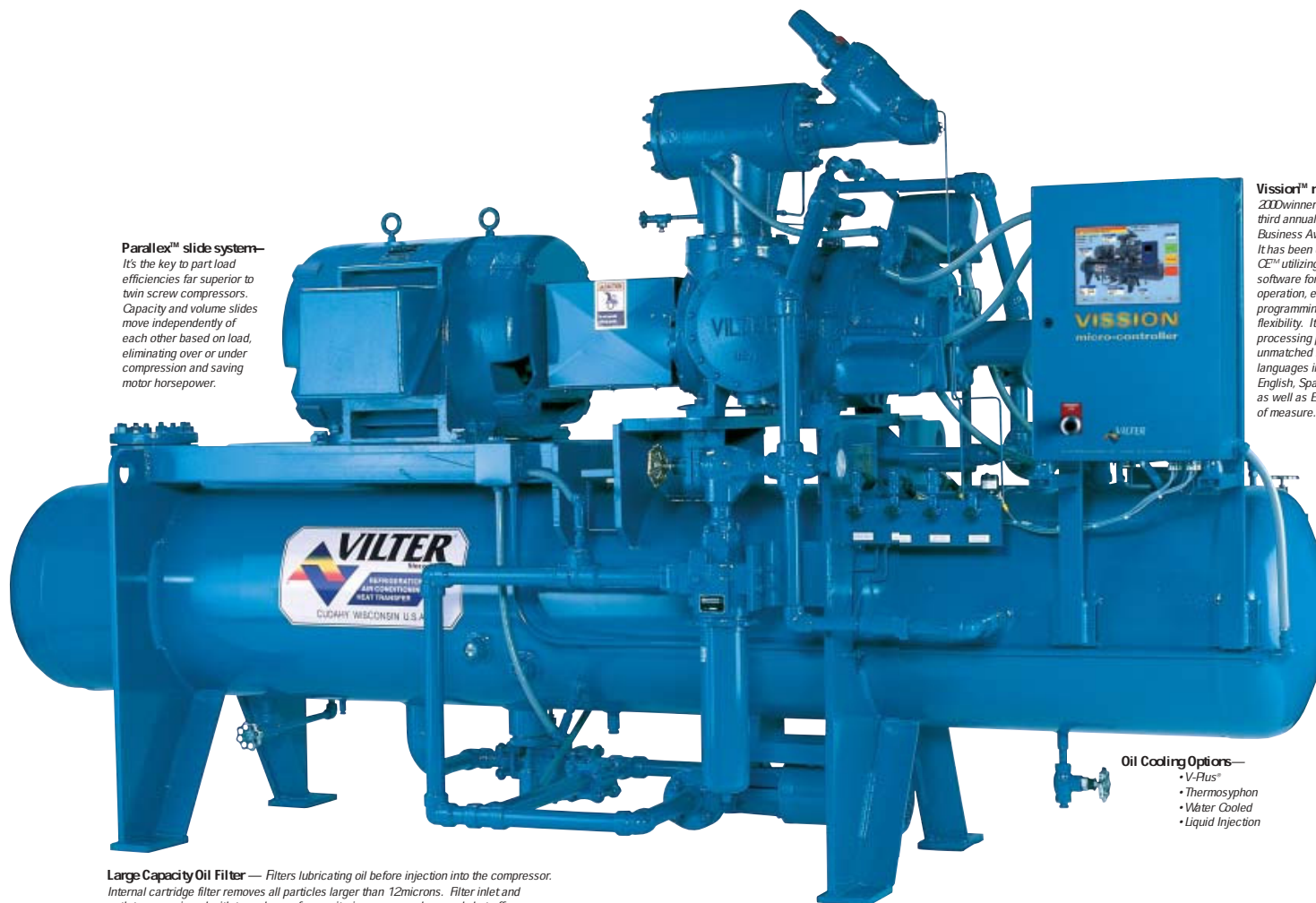




TRADITION & TECHNOLOGY Together. Working For You.

Vilter's VSS line of single screw compressors delivers higher performance than twin screw compressors and have fewer moving parts than reciprocating compressors. The key to Vilter's single screw compressor reliability is its balanced design. This inherent design advantage allows Vilter to offer the 5/15 a five-year warranty on internal components and a fifteen-year warranty on bearings, the industry's longest. The balanced design results in ultra-low bearing loads with significantly decreased vibration and sound levels. The addition of Vilter's exclusive Parallelex slide system allows the compressor to run at optimum efficiency.



Parallelex™ slide system—
It's the key to part load efficiencies far superior to twin screw compressors. Capacity and volume slides move independently of each other based on load, eliminating over or under compression and saving motor horsepower.

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.

Oil Cooling Options—

- V-Plus®
- Thermosyphon
- Water Cooled
- Liquid Injection

Large Capacity Oil Filter — Filters lubricating oil before injection into the compressor. Internal cartridge filter removes all particles larger than 12microns. Filter inlet and outlet are equipped with transducers for monitoring pressure drop, and shut off valves for servicing. Available with dual oil filters.

VSS 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) Oil Cooling	F (c) optional Oil Cooler	
VSS-751	778	303	331	285	327	5	4	12-7"	3-7"	8-0"	4-4"	1"	16"	5300
VSS-751E		331	350	310	337									
VSS-901	880	342	363	322	360	5	4	12-7"	3-7"	8-0"	4-4"	1"	16"	5350
VSS-901E		375	384	351	370									
VSS-1051	1070	422	462	388	457	5	5	14-0"	4-1"	8-8"	4-10"	0	16"	6600
VSS-1051E		462	488	433	470									
VSS-1201	1193	471	500	444	495	6	5	14-0"	4-1"	8-10"	4-10"	0	16"	6800
VSS-1201E		516	528	483	509									
VSS-1501	1467	591	646	556	639	6	5	14-2"	5-8"	9-10"	5-8"	0	17"	9200
VSS-1501E		647	683	605	658									
VSS-1801	1717	691	734	651	726	8	5	14-2"	5-8"	9-10"	5-8"	0	17"	9300
VSS-1801E		757	776	708	747									

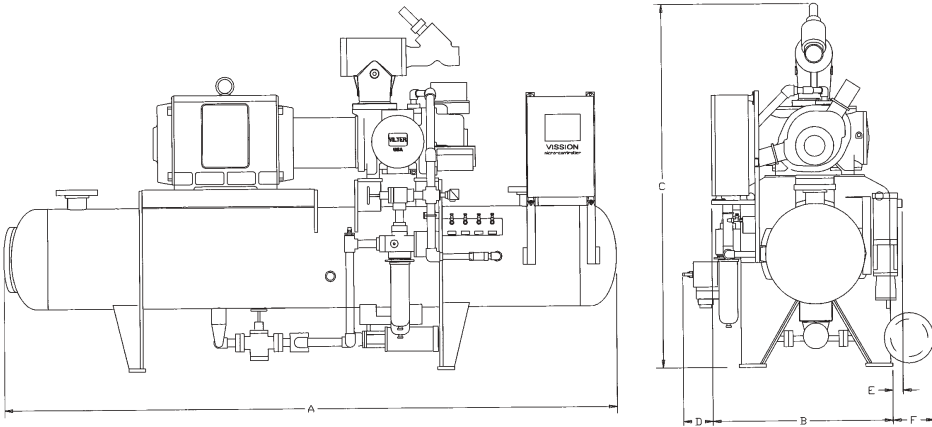
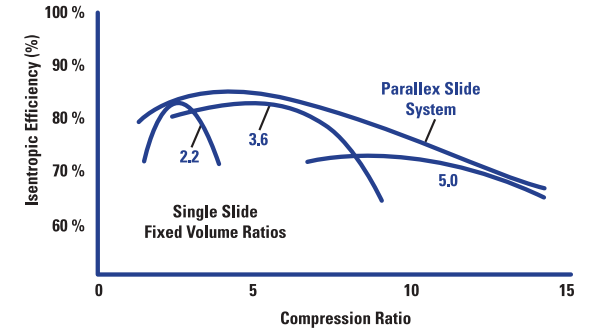
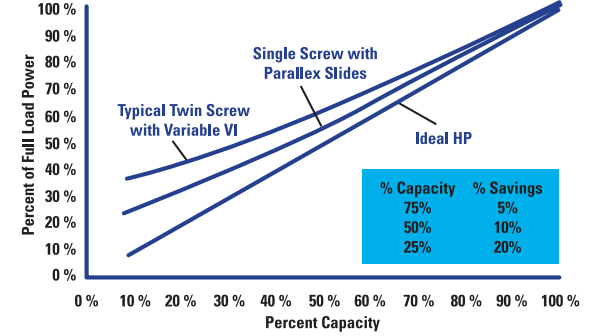
(a) Tons and CFM based on 20°F and 95°F, 10°F liquid subcooling, saturated suction. Ratings for other refrigerants are available - Consult home office.

(b) Dimensions shown are approximate and for ammonia high stage units. Other refrigerants and booster units may have different dimensions.

(c) Maximum addition (including safety valve) to width of compressor package.

(d) Without motor; with liquid injection oil cooling. Units with external cooler will weigh approximately 500 pound more.

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



The VSS



The VSM, a more compact model