



Tecumseh

SEMI - HERMETIC CONDENSING UNIT

PRODUCT CATALOUGE



Tecumseh has put its expertise into a new **range of condensing units**

Tecumseh has developed a line of semi-hermetic condensing units

In order to better respond to your needs, Tecumseh has developed a new range of air-cooled condensing units fitted with semi hermetic compressors.

Units that meet many of your requirements:

- larger refrigerating capacity
- components that are easy to put in place
- optimal noise level
- high ambient temperature
- quick installation

Our range includes six models for HBP applications and seven models for LBP applications. All of our units are factory tested, delivered under pressurized nitrogen and loaded with ester oil

Tecumseh capacity

To complement our existing ranges, we have selected high and low pressure R404A compressors, from 3 to 15 HP. Our semi-hermetic units include:

- a semi-hermetic compressor
- an air-cooled HTA version twin-fan condenser (up to 46 °C ambient temperature)
- a large liquid receiver
- suction and discharge valves
- silentbloc system
- electronic protection module
- discharge vibration absorber
- crankcase heater



Tecumseh efficiency

The best of semi-hermetic technology now available in Tecumseh range. With our units, you can fit a frequency converter (Inverter), a power regulator and/or a unload start-up system for improved energy consumption.

Tecumseh interchangeability

The semi-hermetic compressor lets the user monitor changes in refrigerants and access the mechanics of the system. We put all of the accessories at your disposal to help you develop your installation, regulate the capacity and even reconfigure the compressor.

Tecumseh robustness


The semi-hermetic compressor represents **tried and tested technology** which is constantly being improved.

- multi- refrigerant compressors R404A, R134a, R22, R407C, R507
- optimized valve-plates
- centrifugal disk lubrication thermistors within the electric coils
- linked to an INT protection module

FEATURES AND PERFORMANCE

R-404A


POSITIVE COMMERCIAL COOLING

Models 	Voltage	Ambient temperature	Refrigeration capacity (Watt)						Absorbed power	I nom	I max	Fan voltage	Suction diameter	Liquid diameter	Weight	Receiver
			Overheat 10K Sub-cooling 3K (EN 13215)													
			Evaporating temperature						to -10 °C		A	V	Pouce	Pouce	Kg	L
			-40°C	-30°C	-20°C	-10°C	0°C	5°C	W	A						
SHT 4576 ZHR	400/3/50	32°C	----	----	6442	9740	13 466	15 481	5 260	10,8	14,1	400/3/50	1"1/8	5/8	161	6
SHT 4591 ZHR	400/3/50	32°C	----	----	8227	12111	16 750	19 323	6 150	11,5	15,2	400/3/50	1"1/8	5/8	161	9,5
SHT 4610 ZHR	400/3/50	32°C	----	----	8997	13 306	18 375	21 214	7 959	15,8	20,3	400/3/50	1"3/8	5/8	186	9,5
SHT 4612 ZHR	400/3/50	32°C	----	----	10211	15346	21 823	25 541	9 017	17,1	22,7	400/3/50	1"3/8	5/8	190	9,5
SHT 4615 ZHR	400/3/50	32°C	----	----	13209	19315	26 147	29 708	9 967	17,1	25,1	400/3/50	1"3/8	7/8	232	12
SHT 4620 ZHR	400/3/50	32°C	----	----	17907	25425	33 655	37 857	13 134	25,9	32,1	400/3/50	1"5/8	7/8	232	12

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R-404A

NEGATIVE COMMERCIAL COOLING

Models 	Voltage	Ambient temperature	Refrigeration capacity (Watt)						Absorbed power	I nom	I max	Fan voltage	Suction diameter	Liquid diameter	Weight	Receiver
			Overheat 10K Sub-cooling 3K (EN 13215)													
			Evaporating temperature						to -10 °C		A	V	Pouce	Pouce	Kg	L
			-40°C	-30°C	-20°C	-10°C	0°C	5°C	W	A						
SHT 2524 ZBR	400/3/50	32°C	2 253	3 726	5 610	----	----	----	3 504	8,7	12,5	400/3/50	1"1/8	1/2	119	3,9
SHT 2529 ZBR	400/3/50	32°C	2 259	4 154	6 525	----	----	----	3 818	9,0	14,2	400/3/50	1"1/8	1/2	147	3,9
SHT 2534 ZBR	400/3/50	32°C	3 084	5 558	8 867	----	----	----	4 566	9,9	16,5	400/3/50	1"1/8	5/8	165	6
SHT 2542 ZBR	400/3/50	32°C	3 714	6 271	9 538	----	----	----	5 392	10,4	16,9	400/3/50	1"3/8	5/8	166	6
SHT 2552 ZBR	400/3/50	32°C	4 347	7 504	11 318	----	----	----	5 956	14,0	21,9	400/3/50	1"3/8	5/8	170	9,5
SHT 2568 ZBR	400/3/50	32°C	5 887	10 295	15 642	----	----	----	8 699	12,4	27,9	400/3/50	1"3/8	5/8	227	9,5
SHT 2575 ZBR	400/3/50	32°C	6 843	12 211	18 869	----	----	----	9 086	21,1	33,4	400/3/50	1"5/8	5/8	242	9,5

R-134a

POSITIVE COMMERCIAL COOLING

Models 	Voltage	Ambient temperature	Refrigeration capacity (Watt)						Absorbed power	I nom	I max	Fan voltage	Suction diameter	Liquid diameter	Weight	Receiver
			Overheat 10K Sub-cooling 3K (EN 13215)													
			Evaporating temperature						to -10 °C		A	V	Pouce	Pouce	Kg	L
			-40°C	-30°C	-20°C	-10°C	0°C	5°C	W	A						
SHT 4576 ZHR	400/3/50	32 °C	----	----	4 975	7 556	10 208	9 565	3 020	10,9	11,6	400/3/50	1"1/8	5/8	161	6
SHT 4591 ZHR	400/3/50	32 °C	----	----	6 542	9 625	12 779	15 471	3 791	11,7	12,7	400/3/50	1"1/8	5/8	161	9,5
SHT 4610 ZHR	400/3/50	32 °C	----	----	7 744	11 808	16 749	19 819	4 769	15,6	17,6	400/3/50	1"3/8	5/8	186	9,5
SHT 4612 ZHR	400/3/50	32 °C	----	----	8 485	12 785	18 095	21 556	5 511	16,9	20,0	400/3/50	1"3/8	5/8	190	9,5
SHT 4615 ZHR	400/3/50	32 °C	----	----	10 709	15 976	21 830	24 682	5 830	17,6	22,4	400/3/50	1"3/8	7/8	232	12
SHT 4620 ZHR	400/3/50	32 °C	----	----	14 198	20 396	27 170	30 680	7 351	25,8	32,4	400/3/50	1"5/8	7/8	232	12

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Tecumseh

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