



Tecumseh

SEMI-HERMETIC CONDENSING UNIT

PRODUCT CATALOG



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Tecumseh (SHCU)

About Tecumseh Products India

Tecumseh products india a subsidiary of tecumseh products company llc is a leading global manufacturer of hermetic reciprocating, rotary and scroll compressors ranging in capacity from 1/15th to 30 horsepower, as well as offering a complete line of condensing units and systems for use in residential and commercial refrigeration and air conditioning applications.

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 coil
- Linked to an int protection module

FEATURES AND PERFORMANCE

MEDIUM TEMPERATURE APPLICATION

R-404A

Model	Voltage	Ambient Temp.	Refrigeration Capacity in Kw						Absorbed Power mini/Max	I Minimum	I Maximum	Fan Voltage
			Evaporating Temperature									
			-20°C	-15°C	-10°C	-05°C	0°C	3°C				
SHT4576ZTZ-FB	380-420 V 3-	43 Deg C	5.26 Kw	6.63 Kw	8.12 Kw	9.72 Kw	11.43 Kw	12.52 Kw	4.2/6.6 Kw	9.64 Amps	13.0 Amps	230 Vac
SHT4591ZTZ-FB	380-420 V 3-	43 Deg C	6.55 Kw	8.15 Kw	9.96 Kw	11.98 Kw	14.20 Kw	15.66 Kw	5.1/8.2 Kw	10.3 Amps	14.8 Amps	230 Vac
SHT4610ZTZ-FB	380-420 V 3-	43 Deg C	7.79 Kw	9.74 Kw	11.84 Kw	14.09 Kw	16.54 Kw	18.15 Kw	6.8/10.3 Kw	14.5 Amps	18.9 Amps	230 Vac
SHT4615ZTZ-FB	380-420 V 3-	43 Deg C	10.13 Kw	12.68 Kw	15.66 Kw	19.04 Kw	22.79 Kw	25.23 Kw	8.2/13.6 Kw	15.2 Amps	23.4 Amps	230 Vac
SHT4620ZTZ-FB	380-420 V 3-	43 Deg C	14.66 Kw	17.95 Kw	21.34 Kw	24.88 Kw	28.68 Kw	31.23 Kw	11.14/18.2 Kw	23.4 Amps	33.5 Amps	230 Vac

Selection is Based on Suction Superheat 10K Sub-cooling 3K (EN 13215)

LOW TEMPERATURE APPLICATION

R-404A

Model	Voltage	Ambient Temp.	Refrigeration Capacity in Kw						Absorbed Power mini/Max	I Minimum	I Maximum	Fan Voltage
			Evaporating Temperature									
			-35°C	-30°C	-25°C	-20°C	-15°C	-10°C				
SHT2529ZTZ-FB	380-420 V 3-	43 Deg C	2.46 Kw	3.34 Kw	4.34 Kw	5.44 Kw	6.65 Kw	7.99 Kw	3.21/6.47 Kw	8.42 Amps	12.8 Amps	230 Vac
SHT2534ZTZ-FB	380-420 V 3-	43 Deg C	3.14 Kw	4.17 Kw	5.34 Kw	6.62 Kw	8.04 Kw	9.58 Kw	3.86/7.74 Kw	9.16 Amps	14.6 Amps	230 Vac
SHT2542ZTZ-FB	380-420 V 3-	43 Deg C	3.89 Kw	5.01 Kw	6.25 Kw	7.66 Kw	9.22 Kw	11.06 Kw	4.63/8.67 Kw	9.57 Amps	14.76 Amps	230 Vac
SHT2552ZTZ-FB	380-420 V 3-	43 Deg C	4.88 Kw	6.34 Kw	8.01 Kw	9.90 Kw	12.02 Kw	14.38 Kw	5.10/9.84 Kw	13.2 Amps	19.0 Amps	230 Vac
SHT2568ZTZ-FB	380-420 V 3-	43 Deg C	6.10 Kw	7.87 Kw	9.77 Kw	11.85 Kw	14.16 Kw	16.54 Kw	6.91/11.63 Kw	14.1 Amps	18.26 Amps	230 Vac
SHT2575ZTZ-FB	380-420 V 3-	43 Deg C	7.26 Kw	9.56 Kw	12.12 Kw	15.01 Kw	18.30 Kw	22.03 Kw	8.01/15.77 Kw	20.2 Amps	29.9 Amps	230 Vac

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Note: As our Policy of continuous improvement, data and other specifications are subject to change without prior notice.



Tecumseh

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