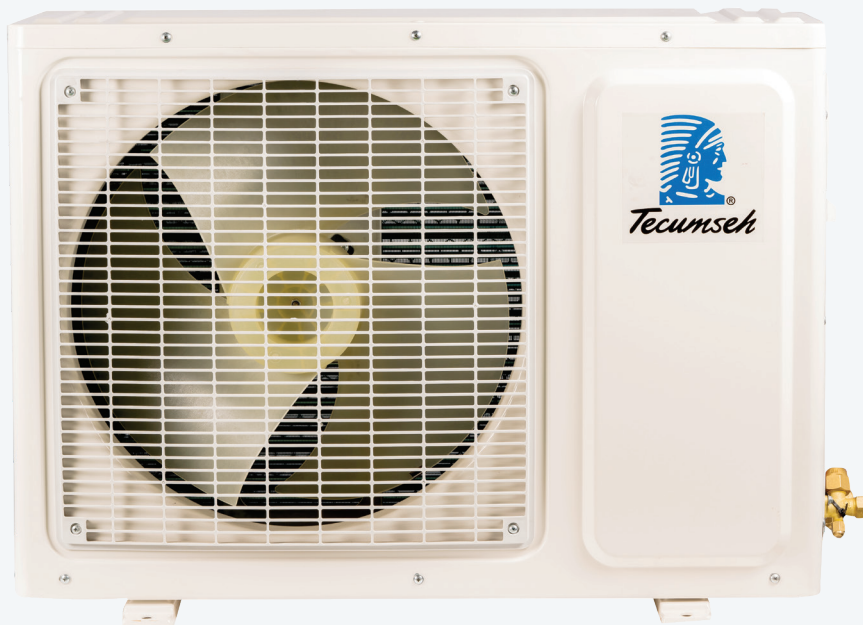




OUTDOOR CONDENSING UNITS (ODCU)

PRODUCT CATALOG



NEW OUTDOOR CONDENSING UNITS

WWW.TECUMSEH.COM

Tecumseh (ODCU)

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 ODCU

Built on 85 years of climate control expertise, our new Outdoor Condensing Units (ODCU) designed specifically for commercial refrigeration applications for cold rooms, process cooling, retail refrigeration and industrial chillers. Available with reciprocating compressors technology and manufactured in India under strict specifications with the latest advancements in technology for low and high temperature applications.

HIGH AMBIENT COMPATIBLE

- Optimum grill design increases airflow, generously sized coils for improved TD's, capacity, efficiency, reliability & intended to work at a most extreme ambient temperature of 43°C

SPACE EFFICIENT

- Compact bases scaled to capacity and all in one service across allows side by side installation of multiple units.

AESTHETICALLY DESIGNED

- Designed aesthetically & powder coated body to give it a lustrous touch

SILENT OPERATION

- Low noise fan for quiet operations

REFRIGERANT OPTIONS

- Available in R-404A, R-134A, R-407C & R22

APPLICATION

- Wide range of applications from low to high temperature application

Condensing Unit

EN13215	LBP	HP/MHBP
Evaporating Temperature	-35°C	+5°C
Ambient Temperature	+32°C	+32°C
Return Gas	+20°C	+20°C
Sub-cooling	3K	3K

MODEL NOMENCLATURE

CDU	4	5	22	Z	XG	S
OUTDOOR TYPE CONDENSING UNIT	Application 2 = Low Back 4 = High Back	CAPACITY No of Digits in Cooling Capacity	CAPACITY First Two Digits in Cooling Capacity 24000BTU/Hr @ 60 Hz	Refrigerant E = R-22 Z = R-404A	Voltage Code GF,XG,XN, ..etc	Accessories S-Standard FB-Fully Built

- Condensing unit name: "Outdoor Condensing Units"
- Application: 2 = Low temperature application, 4 = High temperature application, 9 = Medium/high temperature application
- Number of digits of cooling capacity
- First two digits in Rating Point Capacity @ 60 Hz (eg. 46,000 Btu/h)
- Refrigerant: Z = R-404A, C = R-407C, W = R 407C / R 22, Y=R 134a
- Voltage Code XG,XN , etc
- S= Standard Configuration , FB= Fully Built Configuration

PERFORMANCE DATA

RECIPROCATING TECHNOLOGY - LOW TEMP APPLICATION

R-404A

Model	Platform	Ambient Temp. (°C)	Capacity (W) Evaporating Temperature (°C)						Amb. Temp. 35°C Evap. Temp. -25°C		Current (A)	
			-40	-35	-30	-25	-20	-15	Power Input (W)	COP (W/W)	RLA	LRA
CDU2470Z	Outdoor	35	-370	886	1166	1492	1867	2292	1257	0.93	1Ø= 7.9	1Ø= 55
		38	-	826	1093	1404	1761	2167				
		43	-	-	972	1257	1585	1956				
CDU2495Z	Outdoor	35	653	1073	1572	2154	2317	3253	1612	0.93	1Ø= 8.9 3Ø= 3.1	1Ø= 65 3Ø= 29
		38	558	962	1442	1901	2236	2942				
		43	-	780	1225	1742	2132	2689				
CDU2512Z	Outdoor	35	1099	1663	2128	2890	3440	4668	2105	1.10	1Ø= 11 3Ø= 402	1Ø= 71 3Ø= 60
		38	969	1514	1955	2690	3511	4404				
		43	-	1266	1665	2352	3022	3962				

* Comp RLA: Rated Load Ampere MCC: Maximum Continuous Current LRA: Lock Rotor Ampere

RECIPROCATING TECHNOLOGY - LOW TEMP APPLICATION

R-404A

Model	Platform	Fan		Diameter of connection(mm)		Dimensions (mm)			Weight(kg) ODCU-Standard (S)	Weight(kg) ODCU-Fullt Built (FB)
		Size (mm)	Power (W)	Suction	Liquid	Length	Width	Height		
CDU2470ZGE	Outdoor	445	55	15.8 (5/8")	9.52 (3/8")	860	310	605	47	52
CDU2495ZGE CDU2495ZXG	Outdoor	445	55	15.8 (5/8")	9.52 (3/8")	860	310	605	47	52
CDU2512ZXC CDU2512ZTZ	Outdoor	495	73	15.8 (5/8")	9.52 (3/8")	985	330	825	64	70

SCOPE OF SUPPLY-STANDARD (LOW TEMP APPLICATION)

R 404A

Reciprocating	CDU2470ZGE-S	CDU2495ZGE-S CDU2495ZXG-S	CDU2512ZXC-S CDU2512ZTZ-S	CDU2470ZGE-FB	CDU2495ZGE-FB CDU2495ZXG-FB	CDU2512ZXC-FB CDU2512ZTZ-FB
Filter Drier	✓	✓	✓	✓	✓	✓
Fan With Grill	✓	✓	✓	✓	✓	✓
HP/LP (Cartridge)	✓	✓	✓	✓	✓	✓
Moisture Indicator				✓	✓	✓
Solenoid Valve				✓	✓	✓
Liquid Receiver				✓	✓	✓
Service Valves	✓	✓	✓	✓	✓	✓