

NEXYA

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HEAT PUMP - Our reverse cycle heat pumps offer both heating and cooling to provide occupants with year-round comfort.



INVERTER TECHNOLOGY - Permits the unit to vary from 40% to 115% of rated performance providing occupants with unparalleled temperature and humidity control of their indoor environment.

**OLIMPIA
SPLENDID**
HOME OF COMFORT

Model Set: OS-CSENIH24EI

FEATURES



- Cooling Capacity: ❄️ 24,000
- Heating Capacity: 🔥 26,000
- Comfort Model: Heat Pump
- Refrigerant: R410A

Multifunction Remote Included

FUNCTIONS

- ✚ **Fan only mode:** Adjustable 3 speed fan with fan only mode to optimize air circulation
- 💧 **Dehumidification Mode:** Reduces airflow to increase the amount of moisture removed from the space.
- 🌙 **Sleep mode:** Gradually increases the temperature setpoint in cooling mode or decreases temperature in heating mode ensuring whisper quiet operation, greater comfort and energy savings while you sleep.



NEXYA Design Specifications and Capacities*		
Model Set		OS-CSENIH24EI
Voltage (min 188, max 253) Minimum Circuit Amps Max Fuse Size	V-PH-Hz-A-A	208/230-1-60 -22-30
Rated Capacity for Cooling (1)	BTU/H	 24,000
Rated Capacity for Heating (1)	BTU/H	 26,000
Rated Power Consumption - Cooling Mode	Watts	1845
Rated Power Consumption - Heating Mode	Watts	2420
Energy Efficiency Ratio / Seasonal Eenergy Efficiency Ratio	EER / SEER	13/ 21
Coefficient of Performance	COP	3.15
HSPF4 / HSPF5 (Heating Seasonal Performance Factors)	BtuH/w	10 /8.5
Compressor	Type	Inverter
Rated Load Amps	R.L.A.	15.4
Indoor Fan	Type	inverter
Full Load Amps	R.L.A.	.38
Indoor Air Volume (Cooling & Heating)	CFM (H, M, L)	601/459/382
Outdoor Fan Speeds	# of speeds	4
Outdoor Fan Airflow	CFM	2235
Outdoor Sound Level	db(A)	62
Indoor Sound Level ²	db(A) H/M/L	48/40/28
Indoor Dimensions (without packaging)	W/H/D	42.6"x9.21"x13.27"
Indoor Dimensions (with packaging)	W/H/D	45.47"x16.34"x12.4"
Outdoor Dimensions (without packaging)	W/H/D	42.91"x19.69"x34.84"
Outdoor Dimensions (with packaging)	W/H/D	39.17"x15.67"x29.13"
Indoor Weight (without packaging)	lbs	29.98
Indoor Weight (with packaging)	lbs	38.14
Outdoor Weight (without packaging)	lbs	124.78
Outdoor Weight (with packaging)	lbs	134.92
Refrigerant Type	ASHRAE #	R-410A
Refrigerant Factory Charge (3)	oz	83
Refrigeration Line Connection Sizes	inches	3/8" and 3/4"
Maximum Ref Line Length	Feet	164
Maximum Vertical Distance Between Indoor and Outdoor Units	Feet	82
Additional Refrigerant Charge per Foot	oz	.32
Maximum Remote Control Range	Feet	26

Design Condition Parameters*			Model Set: OS-C/SENIH24EI
Indoor Temperature	Max Operating Temperature in Cooling Mode (db)	°F/°C	DB 90°F/32°C
	Min Operating Temperature in Cooling Mode (db)	°F/°C	DB 63°F/17°C
	Max Operating Temperature in Heating Mode (db)	°F/°C	DB 86°F/30°C
	Min Operating Temperature in Heating Mode (db)	°F/°C	DB 32°F/0°C
Outdoor Temperature	Max Operating Temperature in Cooling Mode (db)	°F/°C	DB 122°F/50°C
	Min Operating Temperature in Cooling Mode (db)	°F/°C	DB -22°F/-30°C
	Max Operating Temperature in Heating Mode (db)	°F/°C	DB 75°F/24°C
	Min Operating Temperature in Heating Mode (db)	°F/°C	DB -22°F/-30°C

*Values may change if models are revised. Always use the latest publication date for any literature.

- Test condition: Data refers to conditions and parameters as required by DOE requirements governing this product type.
HEATING MODE: Outdoor Ambient Temperature DB 45°F/7°C WB 43°F/6°C; Indoor Ambient DB 68°F/20°C - WB 59°F/15°C
COOLING MODE: Outdoor Ambient Temperature DB 95°F/35°C WB 75°F/24°C; Indoor Ambient DB 81°F/27°C - WB 66°F/19
- Test conditions for sound ratings are conducted as per DOA rating conditions, conducted in a sound chamber performed at a distance of 3.3 feet (1 meter). Minimum sound pressure values are rated in ventilation mode only.
- Total factory charge includes indoor unit, outdoor unit and 25 feet of line length.