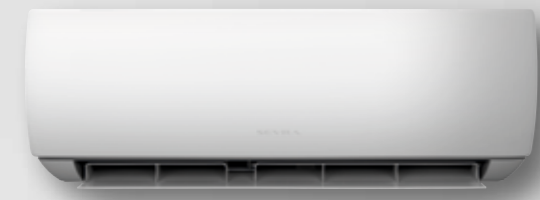


SEVRA








J-SMART



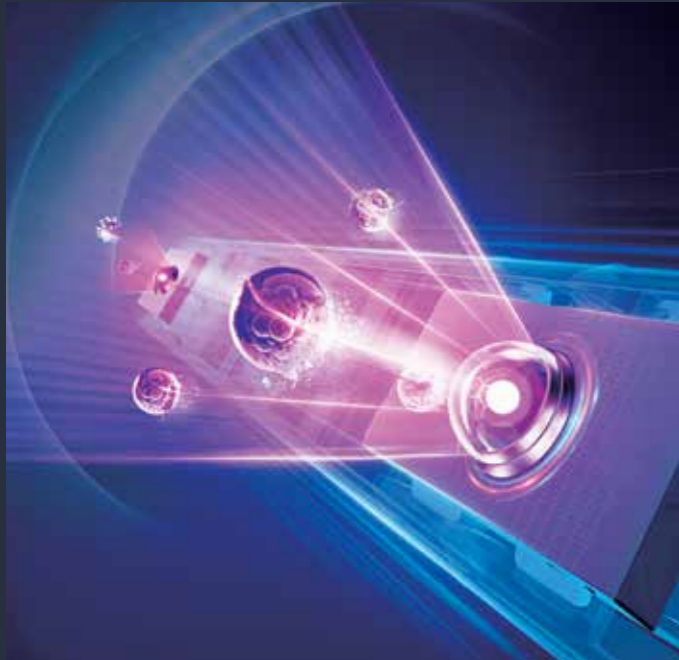


**A proven design  
in a new edition**

# SEVRA J-SMART Features and functions

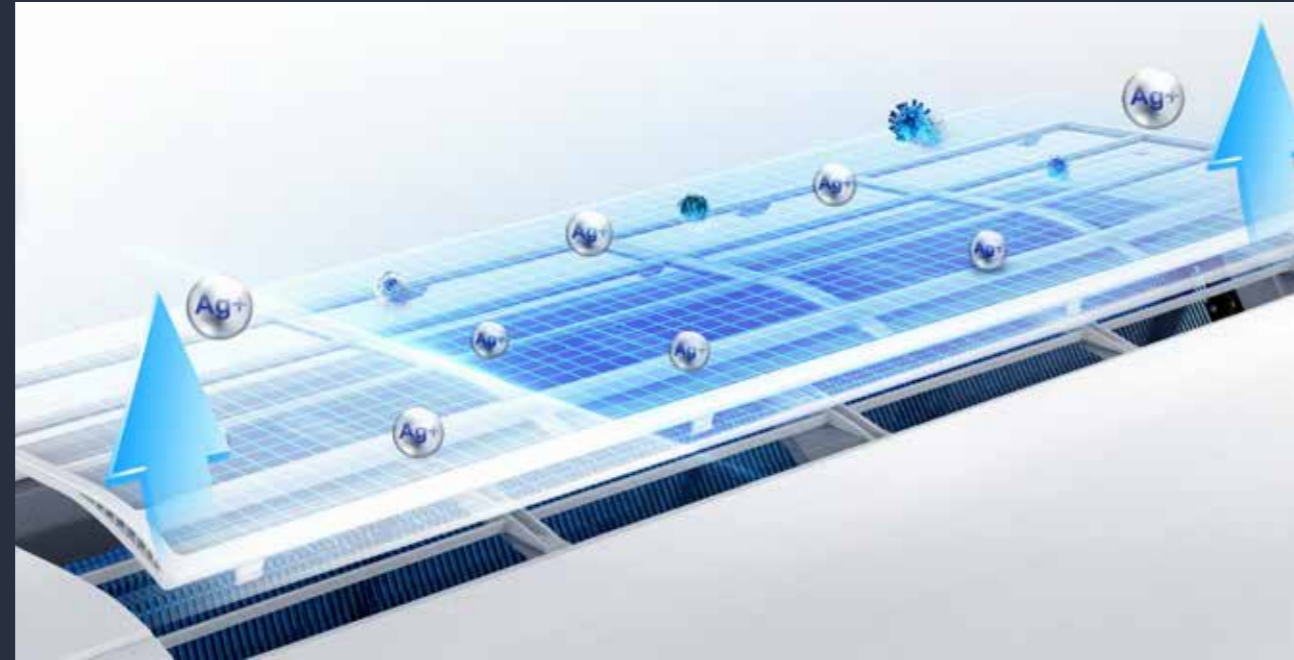
- |   |   |   |   |  |  |   |   |  |  |
|---|---|---|---|--|--|---|---|--|--|
| <br>DC Inverter Technology | <br>Refrigerant R32        | <br>Auto Restart             | <br>Super EMC          | <br>Intelligent Defrosting      | <br>Low Voltage Startup     | <br>Gold-coated fins outdoor and indoor unit | <br>Fast Cooling/Heating | <br>Standby Mode                  | <br>ECO Mode                    |
| <br>TURBO Mode             | <br>High-Density Filter    | <br>Mold Protection Function | <br>57°C Sterilization | <br>Hydrophilic Aluminum Blades | <br>Adjustable Air Louvers  | <br>Vertical Louver Movement                 | <br>Anti-Cold Function   | <br>I FEEL Function               | <br>Night Mode                  |
| <br>PM 2,5 Filter          | <br>Self-Cleaning Function | <br>Antibacterial Filter     | <br>Optional Filters   | <br>UV Sterilization            | <br>LED Display             | <br>Self-Diagnosis Function                  | <br>Timer                | <br>Dual-Side Condensate Drainage | <br>Easy and Quick Installation |
| <br>Built-in WiFi Module | <br>Wireless Controller  | <br>Cooling Mode           | <br>Heating Mode     | <br>Fan Mode                  | <br>Dehumidification Mode | <br>AUTO Mode                              | <br>4D Airflow         | <br>8°C Heating Mode            |  |

# SEVRA J-SMART Sterilization systems



## Sterilization at 57°C

The heat exchanger **maintains a high temperature of 57°C** for a sufficient amount of time to ensure optimal sterilization, effectively eliminating microorganisms, bacteria, and viruses.



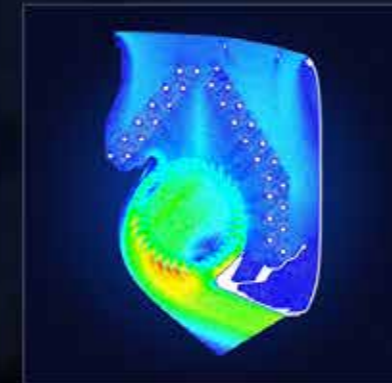
## UV Lamp Sterilization

The UV lamp effectively eliminates unpleasant odors and harmful substances from the air, ensuring the highest air quality in the room. UV sterilization inhibits the growth of viruses, fungi, and microorganisms by 99% through efficient disinfection. J-Smart **air conditioners are equipped with UV lamps** that guarantee clean and healthy air. This feature is especially **recommended for allergy sufferers and individuals prone to infections.**

# SEVRA J-SMART Quiet Night Mode



By using advanced algorithms that compensate for unit vibrations and incorporating a double layer of sound-absorbing cotton, **the unit operates almost silently** while maintaining the same performance levels.



The newly designed air louver provides a wide range of airflow distribution throughout the room, eliminating direct drafts. Additionally, **the night mode helps maintain a comfortable sleeping temperature.**

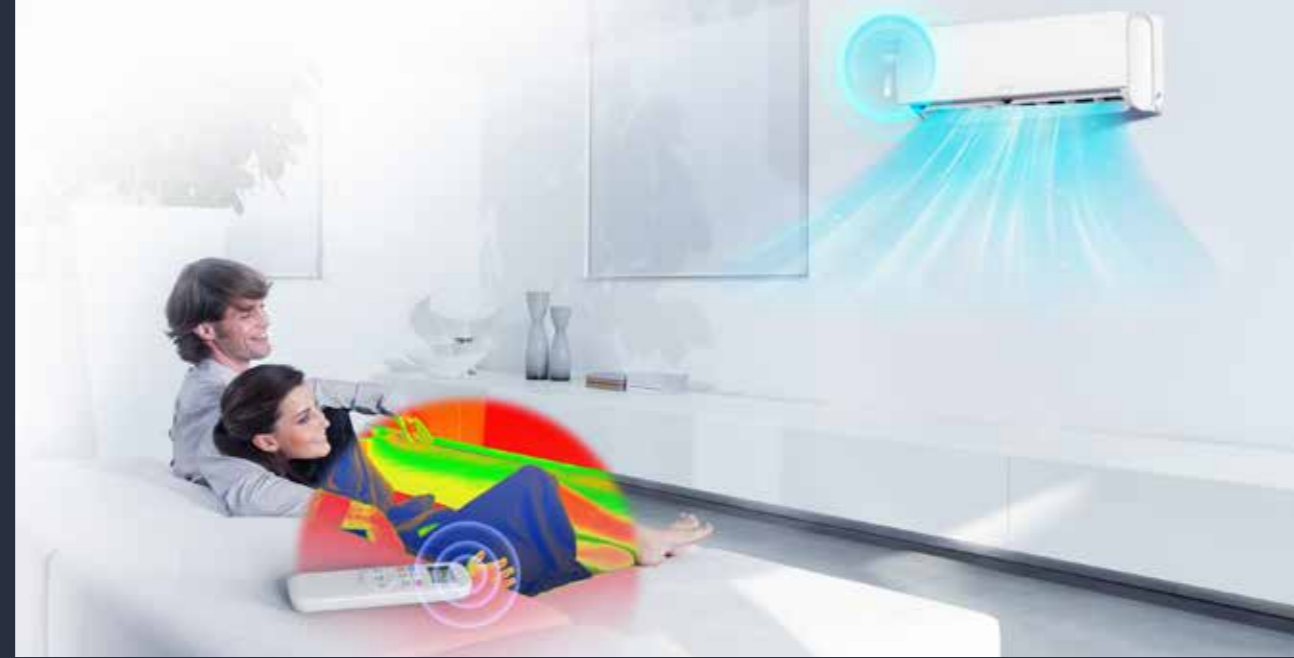


# SEVRA J-SMART Intelligent systems



## Self-Diagnosis Function

The unit monitors for malfunctions and shuts down in case of a failure. **An error code appears on the display of the indoor unit, indicating the type of issue**, which significantly simplifies servicing.



## IFEEL Function

The intelligent "I FEEL" temperature reading function allows for precise adjustment of the airflow temperature to the current room conditions. With a built-in temperature sensor in the remote control, **the air conditioner accurately senses the room's temperature, enabling optimal comfort and temperature control while minimizing energy consumption.**

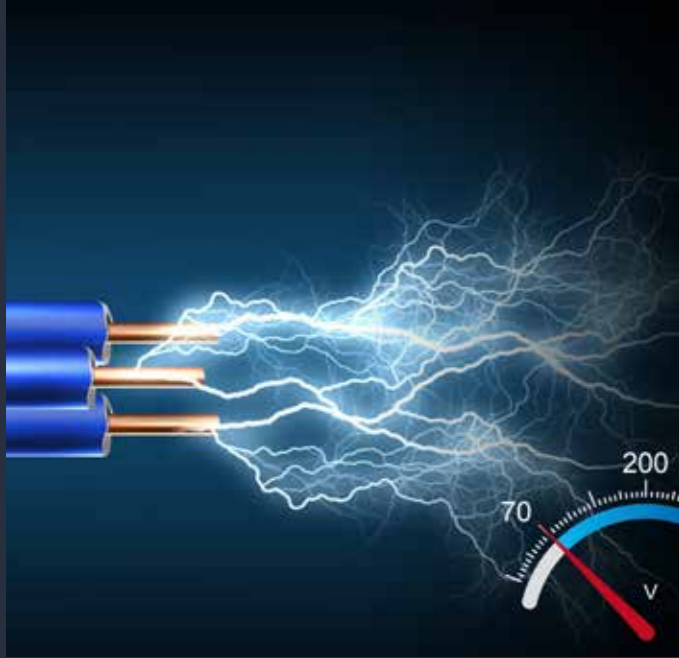
# SEVRA J-SMART Dehumidification Function

In dehumidification mode, **the air conditioner reduces the humidity level in the room to an optimal value by automatically adjusting the temperature and airflow.** This creates ideal conditions for dehumidification, preventing the growth of fungi, mold, and bacteria.



# SEVRA J-SMART

## Outdoor Unit Protection



### Low Voltage Startup

The air conditioner starts up reliably with a **voltage as low as 130 V**, making it suitable for use in areas with unstable electrical supply.



### Corrosion Protection

The outdoor unit is powder-coated with polyester to prevent corrosion and rust. **The protective coating has a 15-year lifespan**, ensuring uninterrupted operation of the unit for years.

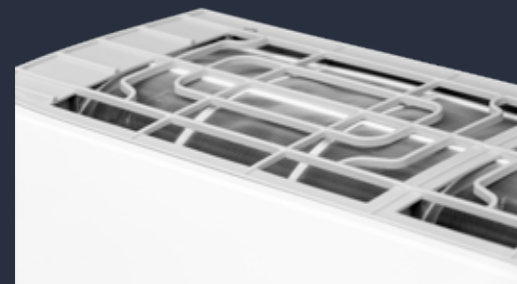
# SEVRA J-SMART

## Condensate Tray Heater

The condensate tray heater prevents the accumulation of excess snow and ice in the unit. This ensures that the unit operates correctly even in very harsh weather conditions.



# SEVRA J-SMART



# Technical Specifications



## JO Series

SEV-09/12/18/24JO

Model		SEV-09JO	SEV-12JO	SEV-18JO	SEV-24JO	
Cooling capacity	[kW]	2,70 (0,60 - 4,00)	3,50 (0,80 - 4,10)	5,30 (1,30 - 5,70)	7,20 (1,80 - 7,40)	
Heating capacity	[kW]	3,00 (0,80 - 4,20)	3,80 (1,00 - 4,20)	5,30 (1,30 - 5,50)	7,20 (1,80 - 8,00)	
Power supply	[V~,Hz,Ph]	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	
Operating current	Cooling	[A]	3,80	5,60	7,80	10,00
	Heating	[A]	3,70	4,90	6,50	9,5
Power consumption	Cooling	[W]	820	1180	1650	2200
	Heating	[W]	800	1100	1470	2200
Maximum current draw	[A]	9,5	9,5	12,0	16,0	
Maximum power consumption	[W]	1800	1900	2500	3400	
SEER / SCOP	-	6,20 / 4,00	6,19 / 4,03	6,80 / 4,00	6,53 / 4,09	
Energy Efficiency Class	Cooling	-	A++	A++	A++	A++
	Heating	-	A+	A+	A+	A+
Indoor unit		SEV-09JO/I	SEV-12JO/I	SEV-18JO/I	SEV-24JO/I	
Airflow rate	[m³/h]	600/540/500/430	600/550/500/400	900/730/650/550	1300/1200/1010/870	
Sound pressure level (high / mid / low / silent)	[dB(A)]	43 / 36 / 31 / 23	41 / 34 / 31 / 26	47 / 37 / 33 / 24	52 / 44 / 40 / 36	
Sound noise level	[dB(A)]	54	53	59	63	
Indoor unit dimensions	[mm]	792 x 292 x 201	792 x 292 x 201	904 x 316 x 224	1132 x 330 x 232	
Indoor unit weight	[kg]	8,0	8,5	11,0	14,0	
Outdoor unit		SEV-09JO/O	SEV-12JO/O	SEV-18JO/O	SEV-24JO/O	
Refrigerant	Type	-	R32	R32	R32	
	Factory charge (up to 5m)	[g]	550	560	850 (up to 7m)	1300 (up to 7m)
	Additional charge	[g/m]	20	20	25	30
Sound pressure level	[dB(A)]	51	51	53	60	
Sound noise level	[dB(A)]	61	62	62	66	
Outdoor unit dimensions	[mm]	705 x 530 x 279	705 x 530 x 279	785 x 555 x 300	900 x 700 x 350	
Outdoor unit weight	[kg]	21,5	22,5	27,0	39,0	
Operating temperature range	Cooling	[°C]	-10	-10	-10	-10
	Heating	[°C]	-22	-22	-22	-22
Pipe connections (diameter)	Liquid	[in]	1/4	1/4	1/4	1/4
	Gas	[in]	3/8	3/8	1/2	5/8
Maximum piping length	[m]	20	20	25	30	
Maximum height difference	[m]	10	10	15	15	

# SEVRA

# J-SMART



## WIENKRA

Owner of the SEVRA Brand

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