

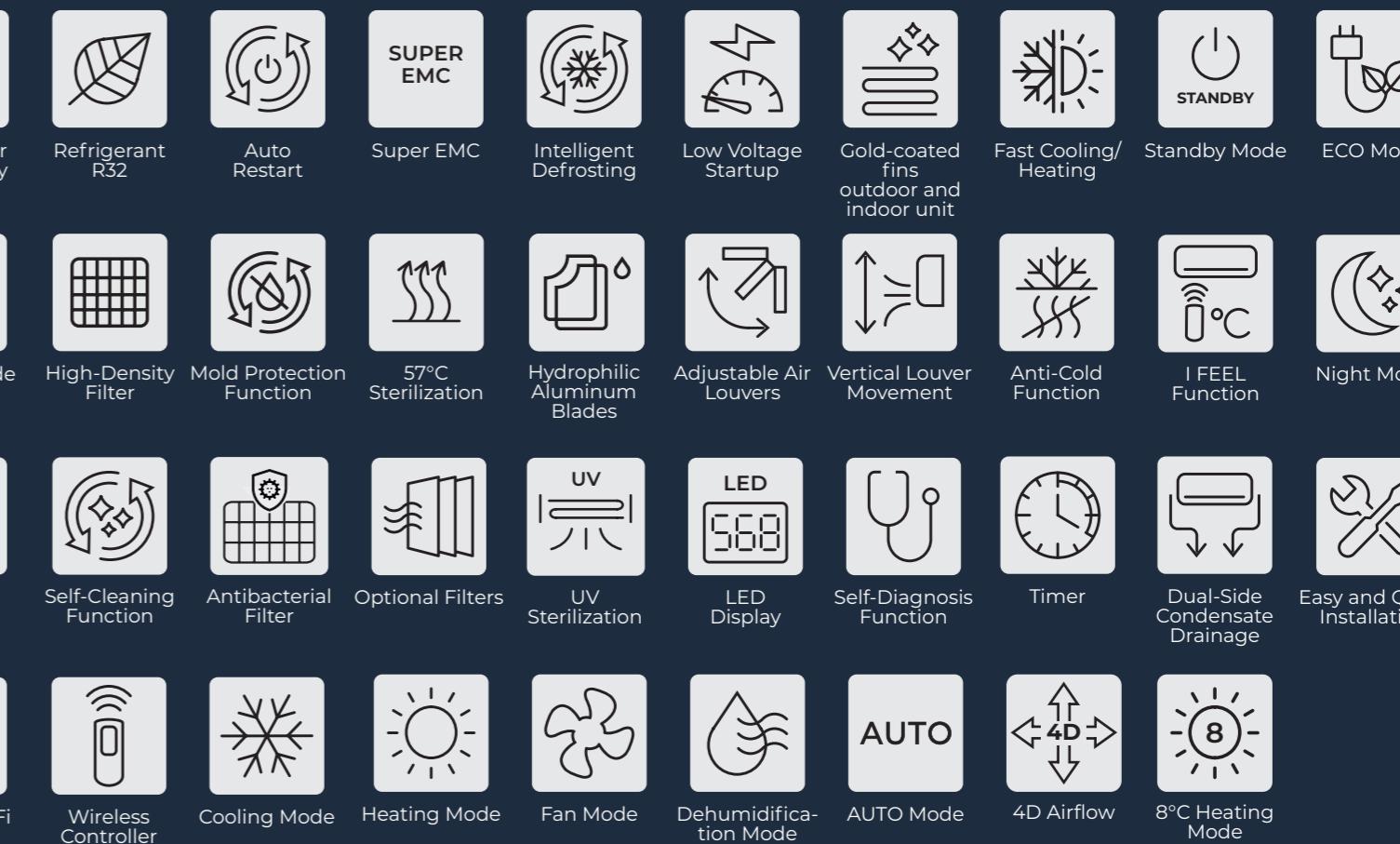
SEVRA



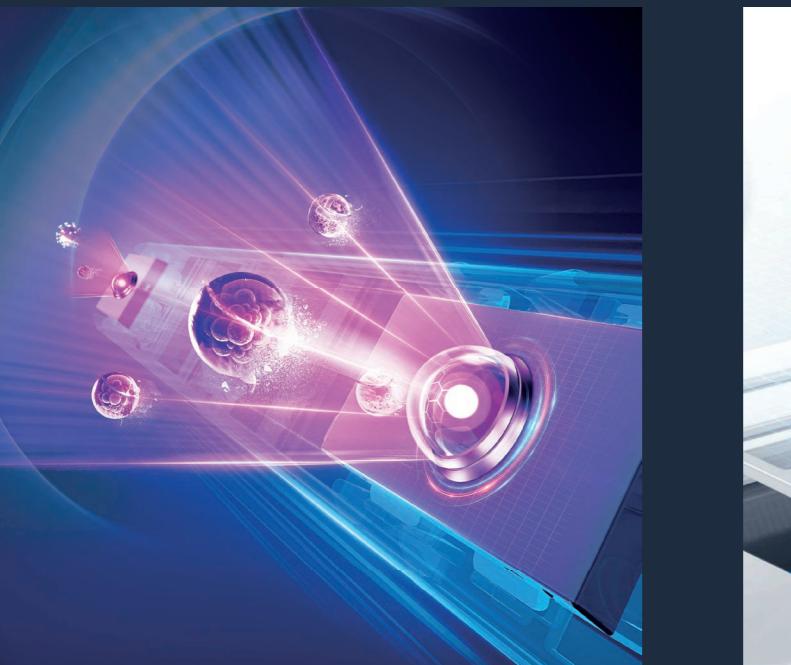
J-SMART



SEVRA J-SMART Features and functions

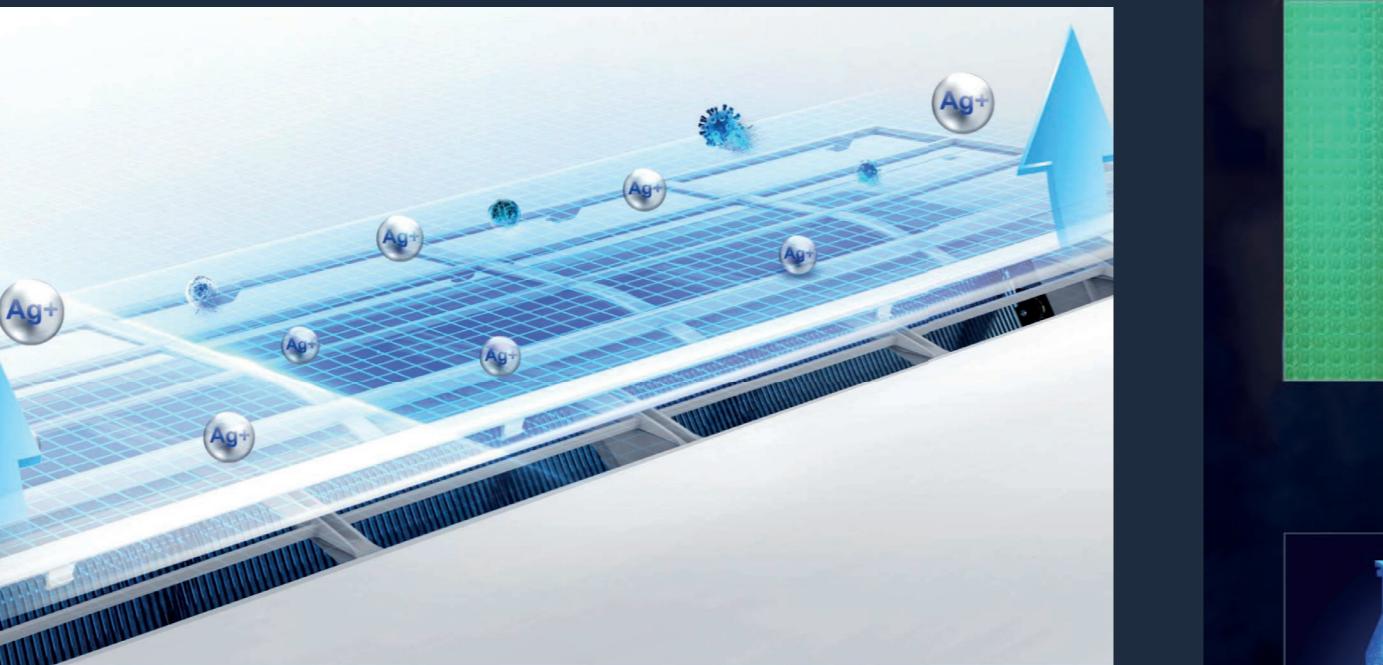


SEVRA J-SMART Sterilization systems



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.



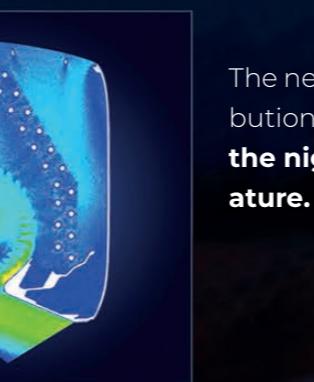
UV Lamp Sterilization

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.



I FEEL Function

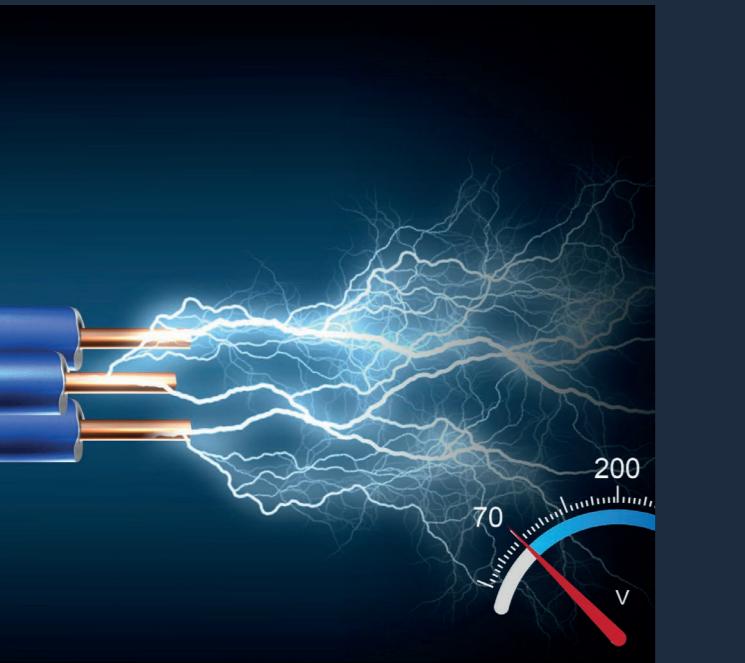
The intelligent "I FEEL" temperature reading function allows for precise adjustment of the airflow temperature to the current room conditions. With a built-in temperature sensor in the remote control, **the air conditioner accurately senses the room's temperature, enabling optimal comfort** and temperature 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					
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++
	Heating	-	A+	A+	A+
Indoor unit					
Airflow rate	[m³/h]	600/540/500/430	600/550/500/400	900/730/650/550	1300/1200/1010/870
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					
Type	SEV-09JO/O	SEV-12JO/O	SEV-18JO/O	SEV-24JO/O	
Refrigerant	Factory charge (up to 5m) [g]	550	560	850 (up to 7m)	1300 (up to 7m)
	Additional charge [g/m]	20	20	25	30
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

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J-SMART



WIENKRA

Owner of the SEVRA Brand

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