

# LEGEND



**inventor**

*Legendary functions for comfort, saving  
and a healthy atmosphere!*



# Healthy Atmosphere



## Ultraviolet Type C & Ionizer Technology

Maximize the best air quality, free from bacteria and germs, with the Ultraviolet Type C & Ionizer Technology. The Ultraviolet Type C technology provides higher air quality by neutralizing microorganisms, thanks to the UVC ultraviolet radiation with 265 to 275nm wavelength. The Ionizer improves the air quality by removing harmful airborne particles such as germs, bacteria, viruses, pollen, smoke, dust and odors, etc., offering a constant sense of freshness.

# Comfort & Saving



## Energy Class

Benefit from the highest energy class A+++ and achieve great energy savings, while improving your energy footprint at home, by choosing an air conditioner of lower energy consumption.



## Motion Sensor

Achieve ideal conditions while saving energy with the advanced technology of the Motion Sensor. Use the built-in sensor to detect your position, and choose if the air will blow towards your position, or away and enjoy excellent conditions of comfort. In addition, the air conditioner will activate the ECO mode in your absence to increase your energy savings.



Silence Mode



Sterilization HEPA Filter



Triple Action Filter



4 Way Air Flow



Follow Me



ECO Mode



Wi-Fi Standard



Hotel Menu

# LEGEND



Model			LDVI-09WFI/ LDVO-09	LDVI-12WFI/ LDVO-12	LDVI-18WFI/ LDVO-18	LDVI-24WFI/ LDVO-24
Cooling Capacity (Btu/h)			9.300 (4.500-13.000)	12.000 (4.500-13.500)	18.000 (12.800-20.900)	24.000 (7.200-28.000)
Cooling Capacity (Btu/h)			2.64 (1.32-3.81)	3.52 (1.32-3.96)	5.28 (3.75-6.13)	7.03 (2.11-11.14)
Heating Capacity (Btu/h)			10.700 (3.000-15.000)	13.500 (3.000-15.500)	19.000 (8.800-23.100)	25.000 (5.300-28.000)
Heating Capacity (kWatt)			3.14 (0.88-4.40)	3.96 (0.88-4.54)	5.57 (2.58-6.77)	7.33 (1.55-8.21)
Seasonal Efficiency (In accordance to EN14825)	Cooling	Pdesign (kW)	2.7	3.5	5.3	7.0
		Energy Class	A+++	A+++	A+++	A+++
		SEER	9.5	8.5	8.5	8.5
		Annual Power Consumption (kWh/year)	99	144	220	288
	Heating (Middle Zone)	Pdesign (kW)	2.5	2.6	4.3	5.0
		Energy Class	A++	A++	A+	A+
		SCOP	4.6	4.6	4.3	4.2
		Annual Power Consumption (kWh/year)	761	791	1.400	1.666
	Heating (Warm Zone)	Pdesign (kW)	2.5	2.9	4.3	5.5
		Energy Class	A+++	A+++	A+++	A+++
		SCOP	5.6	6.0	5.4	5.3
		Annual Power Consumption (kWh/year)	625	677	1.118	1.453
Voltage/Frequency/Phase (V/Hz/Ph)			220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Current Input (A)	Cooling	2.66 (0.6-5.4)	3.90 (0.6-5.6)	5.73 (2.8-7.9)	7.70 (1.8-13.9)	
	Heating	3.05 (0.6-6.2)	4.40 (0.6-6.4)	6.52 (4.3-7.5)	8.60 (1.3-13.5)	
Power Input (kW)	Cooling	0.60 (0.13-1.20)	0.88 (0.13-1.25)	1.32 (0.59-1.79)	1.76 (0.42-3.20)	
	Heating	0.69 (0.12-1.40)	0.99 (0.12-1.45)	1.50 (0.94-1.70)	1.98 (0.30-3.10)	
Air Flow Volume (High/Medium/Low) (m³/h)			530/360/280	560/380/290	685/580/400	1.092/724/379
Noise Level [dB(A)]	Indoor unit (Silent/Low/Medium/High)	20.5/21.5/32/37	21/22/33/40	22/23/35/41	21/33/40/44.5	
	Outdoor unit	57	57.5	56	58.5	
Sound Power Level [dB(A)]	Indoor unit	58	59	59	65	
	Outdoor unit	64	65	65	68	
Dehumidifying Volume	(L/h)	1.0	1.2	1.8	2.7	
	(L/day)	24.0	28.8	43.2	64.8	
Compressor Type			ROTARY	ROTARY	ROTARY	ROTARY
Liquid line   Gas line			1/4"   3/8"	1/4"   3/8"	1/4"   1/2"	3/8"   5/8"
Power Supply Wire Outdoor / Fuses (Noxmm²)/(A)			3x1.5/10	3x1.5/10	3x2.5/16	3x2.5/16
Signal Wires (Noxmm²)			5x1.5	5x1.5	5x1.5	5x2.5
Dimensions (WxDxH) (mm)	Indoor unit	795x225x295	795x225x295	965x239x319	1.140x275x370	
	Outdoor unit	805x330x554	805x330x554	890x342x673	890x342x673	
Net Weight (kg)	Indoor/Outdoor	10.2/26.4	10.2/26.4	12.3/38.8	20.0/45.6	
Refrigerant/Charge (g)			R32/620	R32/620	R32/1.100	R32/1.500
Outdoor Operation Temperature Range (°C)	Cooling	-15~50	-15~50	-15~50	-15~50	
	Heating	-15~24	-15~24	-15~24	-15~24	