



# inventor

PROFESSIONAL

Professional performance and advanced air quality!



Ultraviolet Technology  
Type C & Ionizer



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Wi-Fi  
Standard



Active Carbon Filter  
& PM2.5 Filter



Antibacterial  
Protection



Inventor Control APP is compatible with Google Assistant\* and Amazon Alexa\*\*.

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Auto Swing Louver



Golden Fin



Powerful Self-Cleaning



ECO Mode



Heating performance at -20°C



Turbo Mode



Louver Position Memory



24-Hours Timer

MODEL		PFUVI-09WFI/PFUVO-09	PFUVI-12WFI/PFUVO-12	PFUVI-18WFI/PFUVO-18	PFUVI-24WFI/PFUVO-24	
Cooling Capacity (Btu/h)		9,042 (2,047 - 10,577)	11,942 (2,730 - 13,989)	18,084 (4,436 - 19,448)	24,566 (6,142 - 25,248)	
Cooling Capacity (kWatt)		2.65 (0.6-3.1)	3.5 (0.8-4.1)	5.3 (1.3-5.7)	7.2 (1.8-7.4)	
Heating Capacity (Btu/h)		9,212 (2,730 - 11,601)	12,966 (3,412 - 14,330)	18,084 (4,436 - 18,766)	24,566 (6,142 - 27,296)	
Heating Capacity (kWatt)		2.7 (0.8-3.4)	3.8 (1.0-4.2)	5.3 (1.3-5.5)	7.2 (1.8-7.4)	
Seasonal Efficiency (In accordance to EN14825)	Cooling	Pdesign (kW)	2.7	3.5	5.3	6.7
		Energy Class	A++	A++	A++	A++
		SEER	6.5	6.1	6.5	6.5
		Annual Power Consumption (kWh/year)	145	198	285	359
	Heating (Middle Zone)	Pdesign (kW)	2.3	2.7	3.9	5.7
		Energy Class	A+	A+	A+	A+
		SCOP	4.0	4.0	4.0	4.0
		Annual Power Consumption (kWh/year)	805	938	1,365	1,950
	Heating (Warm Zone)	Pdesign (kW)	2.3	3.4	4.3	7.0
		Energy Class	A+++	A+++	A+++	A+++
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	3.6 (0.9-6.9)	5.6 (0.7-7.8)	7.8 (2.2-9.3)	10.0 (1.0-12.0)	
	Heating	3.2 (1.3-6.9)	4.9 (1.5-8.0)	6.5 (2.0-8.0)	9.5 (1.0-11.0)	
Power Input (W)	Cooling	0.81 (0.1-1.6)	1.18 (0.1-1.6)	1.65 (0.29-2.1)	2.2 (0.23-2.76)	
	Heating	0.72 (0.3-1.5)	1.10 (0.3-1.6)	1.47 (0.25-1.8)	2.2 (0.23-2.53)	
Air Flow Volume (m³/h) (High/Medium/Low)		600	600	900	1,300	
Noise Level (dB(A))	Indoor unit (Silent/Low/Medium/High)	25/31/37/44	26/33/39/44	30/36/41/47	31/37/43/48	
	Outdoor unit	51	52	56	58	
Sound Power Level (dB(A))	Indoor unit	53	53	58	63	
	Outdoor unit	61	62	63	66	
Dehumidifying Volume	L/h	0.9	1	1.6	2.5	
	L/day	21.6	24.0	38.4	60.0	
Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	
Liquid line   Gas line		1/4"   3/8"	1/4"   3/8"	1/4"   1/2"	1/4"   5/8"	
Power Supply Wire Outdoor (No x mm²) / Fuses (A)		3 x 1.5 / 10	3 x 1.5 / 10	3 x 2.5 / 16	3 x 2.5 / 16	
Signal Wires (No x mm²)		5 x 1.0	5 x 1.0	5 x 1.5	5 x 1.5	
Dimensions WxDxH (mm)	Indoor unit	792x201x292	792x201x292	940x224x316	1,132x232x330	
	Outdoor unit	649x278x456	705x309x530	785x353x555	900x388x700	
Net Weight (kg)	Indoor / Outdoor	8.5 / 18	8.5 / 22.5	10 / 28	14 / 39	
Refrigerant (g)		R32/550	R32/560	R32/1,030	R32/1,300	
Outdoor Operation Temperature Range (°C)	Cooling	16-49	16-49	16-49	16-49	
	Heating	-20-30	-20-30	-20-30	-20-30	