

Quick and easy installation

The construction features and the unit layout have been designed to ensure quick installation and facilitate front access for easy maintenance activity.

New EC inverter fan

High performance EC fan ensures a perfect modulation of air flow for partial loads. Made of ultra-light polymeric material, this fan is distinguished by:

- Sound level reduction by 4-5 dB(A);
- Reduction of 25% of power consumption, compared to traditional solutions.

Advanced Control System

Control System is the heart of the unit. Designed for monitoring and to operate the functional and environmental single unit's parameters. The Control System allows:

- Automatic reset after power failures;
- Serial interconnection with most modern BMS systems;
- up to 100 events recording;
- "Non-volatile" data storage for saving files;

Via simple and intuitive graphic display.



Technical specifications

MODEL			006	009	013	022	028	038	044
Cooling (1)	Outdoor unit	n°	1	1	1	1	1	2	2
	Model	PUZ-ZM	60 VHA	100 VKA	125 VKA/125 YKA	250 YKA	250 YKA	200 YKA	250 YKA
	Cooling capacity	kW	6,82	10,1	11,9	22,6	28	39	42,5
	Sensible	kW	6,18	8,91	10,2	19,3	26,2	33,6	35,3
	SHR (2)		0,91	0,88	0,86	0,85	0,94	0,86	0,83
Supply Fan	System EER (nominal) 27°C - 47% RH		4,67	4,3	3,49	3,18	2,68	3,58	2,88
	Supply Fan	n°	1	1	1	2	1	1	1
	Air flow	m³/h	2000	2500	2800	5000	7600	8800	10000
	Nominal external static pressure	Pa	20	20	20	20	20	20	20
	Maximum external static pressure	Pa	208	22	110	21	305	129	20
Indoor unit electrical data	Power input (3)	kW	0,21	0,35	0,47	0,7	0,64	1,43	1,96
	Absorbed current (3)	A	1,5	2,1	2,7	3	2,1	2,1	2,8
	Starting current	A	2	2	2,8	3,3	3,8	3,8	3,8
	Maximum absorbed current	A	2,3	2,3	2,8	3,9	3,8	3,8	3,8
	Electrical panel Power input	kW	0,14	0,14	0,14	0,14	0,14	0,14	0,14
Sound level (ISO 3744) (4)	Pressure level	dB(A)	53	57	61	60	60	63	37
	Power level	dB(A)	69	73	77	76	76	79	83
	Air Filters	n°	1	1	1	2	4	4	4
Air Filters	Extended filtering surface	m²	0,68	0,68	0,68	1,05	1,76	1,76	1,76
	Efficiency (ISO EN 16890)	COARSE	60%	60%	60%	60%	60%	60%	60%
Refrigerant circuits	n°		1	1	1	1	1	2	2
Power supply	V/Ph/Hz		230/1/50	230/1/50	230/1/50	230/1/50	400/3+N/50	400/3+N/50	400/3+N/50
Dimensions	Length	mm	600	600	600	1000	1000	1000	1000
	Depth	mm	500	500	500	500	500	890	890
	Height	mm	1980	1980	1980	1980	1980	1980	1980
Net Weight	Over	kg	103	106	110	165	237	237	237
	Under	kg	110	115	120	175	247	247	247
Connections	Refrigerant pipes: Gas - Liquid	Ø Inch	5/8" - 3/8"	5/8" - 3/8"	5/8" - 3/8"	1" - 1/2"	1" - 1/2"	1" - 3/8"	1" - 1/2"
	Condensate (5)	Ø mm	19	19	19	19	19	19	19
	Power supply wiring cable (6)	n° x mm²	3G1.5	3G1.5	3G1.5	3G1.5	5G1.5	5G1.5	5G1.5

Notes:

THE COOLING CAPACITY DOES NOT CONSIDER THE SUPPLY FAN MOTOR THERMAL LOAD

(1) Gross value. Characteristics referred to entering air at 27°C-47% RH; Ambient temperature 35°C; ESP=20Pa; Connection pipes length 5m;

(2) SHR= Sensible cooling capacity / Total cooling capacity.

(3) Corresponding to the nominal ESP=20Pa.

(4) Sound pressure level on air return at 1m .

(5) Rubber pipe-referred to internal diameter.

(6) Minimum section.

These units contain <HFC R32 [GWP100 675]> fluorinated greenhouse gas.