

NEW

WDC Inverter



# WALL-MOUNTED

## MODERN DESIGN

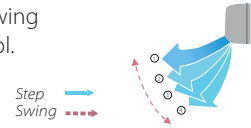
The elegant appearance enhance the aesthetics of any room and are suitable for a wide variety of installation space situations.

## HIGH EFFICIENCY, LOW SOUND LEVEL

Advanced brushless DC fan motor operates highly efficiently without generating excessive noise, saving energy at the same time as providing a low-noise work or living space.

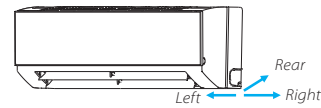
## AUTO SWING LOUVER

Multiple louver positions and the auto swing ensure precise and flexible airflow control.



## FLEXIBILITY

To increase installation flexibility, the expansion valve is fitted internally, increasing compactness, and the refrigerant outlet direction can be left, right or rear as the installation situation requires. A new fixing plate design speeds installation and provides extra stability.



## OPTIMAL COMFORT THROUGH BETTER FLOW CONTROL

A 2000-stage element mechanical expansion valve ensures precise flow control whilst generating little modulation noise. A multi-blade fan coupled with a dual-blade air guide smooth output airflow and three fan speeds provide flexibility to respond to users' particular comfort requirements.

### technical data

## GWMN-2-XMi D22÷D90

Size		GWMN-2-XMi	D22	D28	D36	D45	D56	D71	D80	D90
Cooling <sup>(1)</sup>	Capacity	kW	2,2	2,8	3,6	4,5	5,6	7,1	8,0	9,0
	Power input	W	28	28	30	40	45	55	55	82
Heating <sup>(2)</sup>	Capacity	kW	2,4	3,2	4,0	5,0	6,3	8,0	9,0	10,0
	Power input	W	28	28	30	40	45	55	55	82
Pipe connections	Liquid pipe	mm	Ø 6,35	Ø 6,35	Ø 6,35	Ø 6,35	Ø 9,53	Ø 9,53	Ø 9,53	Ø 9,53
	Gas pipe	mm	Ø 12,7	Ø 12,7	Ø 12,7	Ø 12,7	Ø 15,9	Ø 15,9	Ø 15,9	Ø 15,9
	Drain pipe	mm	OD Ø 16	OD Ø 16	OD Ø 16	OD Ø 16	OD Ø 16	OD Ø 16	OD Ø 16	OD Ø 16
Dimensions (Width x Height x Depth) <sup>(5)</sup>		mm	835x280x203	835x280x203	990x315x223	990x315x223	990x315x223	1194x343x262	1194x343x262	1194x343x262
Weight		kg	8,4	9,5	11,4	12,8	12,8	17,0	17,0	17,0
Air flow rate <sup>(3)</sup>		m <sup>3</sup> /h	422/411/402/393 380/368/356	417/402/386/370 353/338/316	656/628/591/573 544/515/488	594/563/535/507 478/450/424	747/713/685/648 613/578/547	1195/1130/1065 1005/940/875/809	1195/1130/1065 1005/940/875/809	1421/1300/1125 1067/1005/934/867
Sound pressure level <sup>(3)(4)</sup>		dB(A)	31/30/30/30 29/29/29	31/30/30/30 29/29/29	33/32/32/31 31/30/30	35/34/33/33 32/31/31	38/37/36/36 35/34/34	44/43/42 39/38/37/36	44/43/42 39/38/37/36	48/46/45 43/41/40/38
Sound power level <sup>(3)(4)</sup>		dB(A)	46/45/45/45 44/44/44	46/45/45/45 44/44/44	48/47/47/46 46/45/45	50/49/48/48 47/46/46	53/52/51/51 50/49/49	59/58/57 54/53/52/51	59/58/57 54/53/52/51	63/61/60 58/56/55/53
Power supply		V/Ph/Hz	220-240/1/50							

### Notes

- (1) Indoor temperature 27°C DB/19°C WB; Outdoor temperature 35°C DB/24°C WB. Piping length: Interconnecting piping length is 7,5m, level difference is zero.
- (2) Indoor temperature 20°C DB/15°C WB; Outdoor temperature 7°C DB/6°C WB. Piping length: Interconnecting piping length is 7,5m, level difference is zero.
- (3) Data refer to the 7 fan speeds, in descending order.
- (4) Sound values are measured in a semi-anechoic room, at a position 1m in front and 1m below the unit.
- (5) Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments

### accessories

- ▶ **RM12D** Wireless remote controller
- ▶ **WDC-86E/KD** Compact wired controller
- ▶ **WDC-120G/WK** Wired controller

Data contained in this document are not binding and may be changed by the Manufacturer without notice.

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