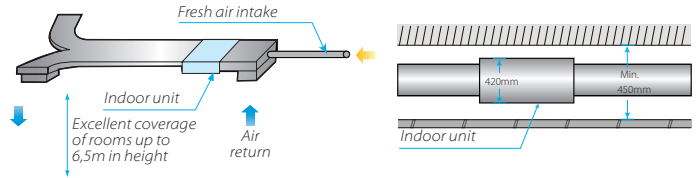


# HIGH STATIC PRESSURE DUCT

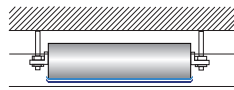
## FLEXIBLE DUCT DESIGN

The High Static Pressure Duct indoor unit offers external static pressures of up to 200Pa allowing air supply duct lengths of up to 14m at a height of 6,5m. With a height of just 420mm (units D71 to D160), only 450mm of ceiling space is required.



## DOUBLE-SKIN DRAINAGE PAN

A double-skin drainage pan provides double protection for ceilings (units D71 to D160).



## EASY INSTALLATION

Flanges for air inlet/outlet ducts are fitted as standard on the High Static Pressure Duct. On units D71 to D160, the expansion valve is fitted inside the unit, requiring no extra connection.

## STATIC PRESSURE WITH 20 STEPS CONTROL

Depending on the installation environment, units can be precisely set up to 20 steps of static pressure/airflow rate combinations via wired remote controller, providing comfortable environment suitable for any application.



## technical data

## CN-2-XMi D71÷D280

HIGH STATIC PRESSURE DUCT											
Size	CN-2-XMi	D71	D80	D90	D112	D140	D160	D200	D250	D280	
Cooling <sup>(1)</sup>	Capacity	kW	7,1	8,0	9,0	11,2	14,0	16,0	20,0	25,0	28,0
	Power input	W	180	180	220	380	420	700	990	1200	1200
Heating <sup>(2)</sup>	Capacity	kW	8,0	9,0	10,0	12,5	16,0	17,0	22,5	26,0	31,5
	Power input	W	180	180	220	380	420	700	990	1200	1200
Pipe connections	Liquid pipe	mm	Ø 9,53	Ø 9,53	Ø 9,53	Ø 9,53	Ø 9,53	Ø 9,53	Ø 12,7	Ø 12,7	Ø 12,7
	Gas pipe	mm	Ø 15,9	Ø 15,9	Ø 15,9	Ø 15,9	Ø 15,9	Ø 15,9	Ø 22,2	Ø 22,2	Ø 22,2
	Drain pipe	mm	OD Ø 25	OD Ø 25	OD Ø 25	OD Ø 25	OD Ø 25	OD Ø 25	OD Ø 32	OD Ø 32	OD Ø 32
Dimensions (Width x Height x Depth) <sup>(5)</sup>	mm	965x423x690	965x423x690	965x423x690	965x423x690	1322x423x691	1322x423x691	1454x515x931	1454x515x931	1454x515x931	
Weight	kg	41	41	51	51	63	63	130	130	130	
Air flow rate <sup>(3)</sup>	m <sup>3</sup> /h	1360/1327/1293 1260/1227/1193/1160	1360/1327/1293 1260/1227/1193/1160	1420/1373/1327 1280/1233/1187/1140	1870/1783/1697 1610/1523/1437/1350	2240/2133/2027 1920/1813/1707/1600	2660/2530/2400 2270/2140/2010/1880	4330/4230/4130 4030/3930/3830/3730	4330/4230/4130 4030/3930/3830/3730	4330/4230/4130 4030/3930/3830/3730	
External static pressure	Pa	100 (30~200)	100 (30~200)	100 (30~200)	100 (30~200)	100 (30~200)	100 (30~200)	170 (20~250)	170 (20~250)	170 (20~250)	
Sound pressure level <sup>(3)(4)</sup>	dB(A)	46/46/45 45/44/43/42	46/46/45 45/44/43/42	50/49/48 48/47/46/45	50/50/49 48/47/46/45	53/52/51 51/50/49/48	54/54/53 52/51/50/50	57/56/55 54/53/52/50	57/56/55 54/53/52/50	57/56/55 54/53/52/50	
Sound power level <sup>(3)(4)</sup>	dB(A)	64/64/63 63/62/61/60	64/64/63 63/62/61/60	68/67/66 66/65/64/63	68/68/67 66/65/64/63	71/70/69 69/68/67/66	72/72/71 70/69/68/68	75/74/73 72/71/70/68	75/74/73 72/71/70/68	75/74/73 72/71/70/68	
Power supply	V/Ph/Hz	220-240/1/50									

- Notes**
- Data measured at standard external static pressure.
- (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 1,4m 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
- ▶ **SBH-04** Drain pump (sizes D71÷D160)
- ▶ **SBH-05** Drain pump (sizes D200÷D280)