

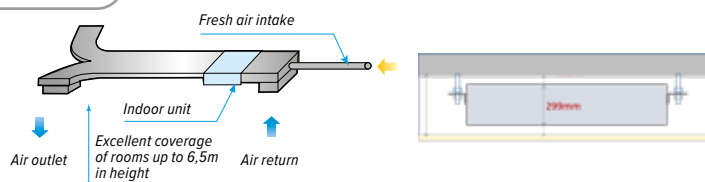
HIGH STATIC PRESSURE DUCT

CN-3-XY D56÷D560



FLEXIBLE DUCT DESIGN

The High Static Pressure Duct indoor unit offers external static pressures of up to 400 Pa, allowing the use of long ducts. With a height of just 299 mm (units D56 to D160), can be used in most installation situations.



CONSTANT AIR FLOW RATE

Thanks to the use of a digitally controlled fan, the air flow rate can be kept constant. In addition, an estimate of the filter clogging percentage is indicated on the controls.

HIGH HEAD DRAINAGE PUMP

The condensate drain pump is included and can overcome a head of up to 1200 mm water column.



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-3-XY D56÷D560



HIGH STATIC PRESSURE DUCT

Size	CN-3-XY	D56	D71	D80	D90	D112	D125	D140	D160	
Cooling ⁽¹⁾	Capacity	kW	5.6	7.1	8	9	11.2	12.5	14	16
	Power input	W	159	159	159	196	248	252	284	339
Heating ⁽²⁾	Capacity	kW	6.3	8	9	10	12.5	14	16	18
	Power input	W	159	159	159	196	248	252	284	339
Pipe connections	Liquid	mm	Φ6.35	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Gas	mm	Φ12.7	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25	OD Φ25	OD Φ25	OD Φ25	OD Φ25	OD Φ25
Dimensions (Width x Height x Depth) ⁽⁵⁾	mm	1130×299×750	1130×299×750	1130×299×750	1130×299×750	1480×299×750	1480×299×750	1480×299×750	1480×299×750	
Weight	kg	35	35	35	35	44.5	46.5	46.5	46.5	
External static pressure	Pa	80 (0-250)	80 (0-250)	80 (0-250)	80 (0-250)	80 (0-250)	100 (0-250)	100 (0-250)	100 (0-250)	
Air flow rate ⁽³⁾	m ³ /h	1360/1281/1201 /1122/1043 /963/884	1360/1281/1201 /1122/1043 /963/884	1360/1281/1201 /1122/1043 /963/884	1500/1413/1325 /1238/1150 /1063/975	2140/2015/1890 /1766/1641 /1516/1391	2150/2025/1899 /1774/1649 /1523/1398	2400/2260/2120 /1980/1840 /1700/1560	2600/2448/2297 /2145/1993 /1842/1690	
Sound pressure level ⁽³⁾⁽⁴⁾	dB(A)	39/38 /36/35 /33/32/30	39/38/ 36/35 /33/32/30	39/38 /36/35 /33/32/30	40/39/37 /36/34 /33/31	41/40/38 /37/35 /34/32	41/40/39 /37/36 /35/33	43/42/40 /39/37 /36/34	44/43/41 /40/38 /37/35	
Sound power level ⁽³⁾⁽⁴⁾	dB(A)	59/56/54 /53/51/49/47	59/56/54 /53/51/49/47	59/56/54 /53/51/49/47	63/60/58 /56/54/52/50	63/61/59 /57/56/54/52	66/64/62 /60/58 /56/54	67/64/62 /60/58 /57/55	68/66/64 /62/60 /59/57	
Power supply	V/Ph/Hz	220-240/1~/50								

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 between outdoor and indoor units is 7.5 m, height difference is zero.

(2) Indoor temperature 20°C DB/15°C WB; Outdoor temperature 7°C DB/6°C WB. Piping length between outdoor and indoor units is 7.5 m, height 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 1.4 m below the unit.

(5) Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments

technical data

CN-3-XY D56÷D560



HIGH STATIC PRESSURE DUCT

Size		CN-3-XY	D200	D224	D252	D280	D335	D400	D450	D560
Cooling ⁽¹⁾	Capacity	kW	20	22.4	25.2	28	33.5	40	45	56
	Power input	W	780	780	780	780	810	1850	1850	2030
Heating ⁽²⁾	Capacity	kW	22.5	25.0	26.0	31.5	38	45	56	63
	Power input	W	780	780	780	780	810	1850	1850	2030
Pipe connections	Liquid	mm	Φ9.52	Φ9.52	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ15.9	Φ15.9
	Gas	mm	Φ19.1	Φ19.1	Φ22.2	Φ22.2	Φ25.4	Φ25.4	Φ28.6	Φ28.6
	Drain pipe	mm	OD Φ32	OD Φ32	OD Φ32	OD Φ32	OD Φ32	OD Φ32	OD Φ32	OD Φ32
Dimensions (Width x Height x Depth) ⁽⁵⁾		mm	1300×580×1050	1300×580×1050	1300×580×1050	1300×580×1050	1300×580×1050	1850×580×1050	1850×580×1050	1850×580×1050
Weight		kg	125	125	125	125	128	166	166	170
External static pressure		Pa	200(0-400)	200(0-400)	200(0-400)	200(0-400)	200(0-400)	300(0-400)	300(0-400)	300(0-400)
Air flow rate ⁽³⁾		m ³ /h	4700/4387/4073	4700/4387/4073	4700/4387/4073	4700/4387/4073	4700/4387/4073	7500/7000/6500	7500/7000/6500	8400/7840/7280
			/3760/3447	/3760/3447	/3760/3447	/3760/3447	/3760/3447	/6000/5500	/6000/5500	/6720/6160
Sound pressure level ⁽³⁾⁽⁴⁾		dB(A)	51/50/48	51/50/48	51/50/48	51/50/48	52/51/49	58/56/54	58/56/54	59/58/56
			/46/44	/46/44	/46/44	/46/44	/48/46	/52/50	/52/50	/54/53
Sound power level ⁽³⁾⁽⁴⁾		dB(A)	74/72/70	74/72/70	74/72/70	74/72/70	74/72/70	79/78/76	79/78/76	81/80/77
			/68/66	/68/66	/68/66	/68/66	/68/66	/74/72	/74/72	/75/73
Power supply		V/Ph/Hz	64/62	64/62	64/62	64/62	63/61	70/67	70/67	71/69

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 between outdoor and indoor units is 7.5 m, height difference is zero.

(2) Indoor temperature 20°C DB/15°C WB; Outdoor temperature 7°C DB/6°C WB. Piping length between outdoor and indoor units is 7.5 m, height difference is zero.

(3) Data refer to the 7 fan speeds, in descending order.

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accessories

RM12F1

Infrared remote control

WDC3-86S

Simplified wired controller

WDC3-86T

Compact wired controller

WDC3-120T

Wired controller

DB01

IR receiver for remote control