

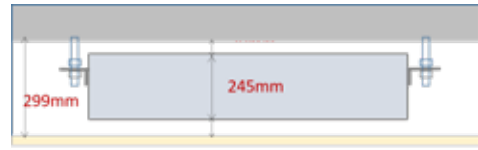
MEDIUM STATIC PRESSURE DUCT

CNT2-3-XY D15÷D160



COMPACT DESIGN

All models are now 245 mm high, making them easy to position in the ceiling.



HIGH-LIFT DRAIN PUMP

A drain pump with a 1200 mm pump head is fitted as standard, simplifying installation of the drain piping.

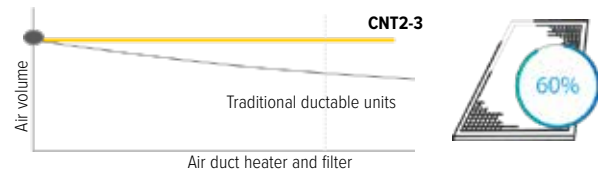


HIGH FLEXIBILITY

To provide the flexibility to adapt to differing installation situations, the air inlet may be positioned either on the underside or the rear of the unit.

CONSTANT AIR FLOW OVER TIME

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.



STATIC PRESSURE 20 STEPS CONTROL

Depending on the installation conditions, the head of the unit can be precisely set between 10 and 160Pa, choosing from 20 different combinations



technical data

CNT2-3-XY D15÷D56



MEDIUM STATIC PRESSURE DUCT

Size	CNT2-3-XY	D15	D22	D28	D36	D45	D56	
Cooling ⁽¹⁾	Capacity	kW	1.5	2.2	2.8	3.6	4.5	5.6
	Power input	W	33	36	40	50	70	70
Heating ⁽²⁾	Capacity	kW	1.8	2.5	3.2	4	5	6.3
	Power input	W	33	36	40	50	70	70
Pipe connections	Liquid	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	Gas	mm	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ12.7
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25	OD Φ25	OD Φ25	OD Φ25
Dimensions (Width x Height x Depth) ⁽⁵⁾	mm	680×245×750	680×245×750	680×245×750	680×245×750	680×245×750	880×245×750	
Weight	kg	18,5	18,5	18,5	18,5	19,5	24	
External static pressure	Pa	30 (10-160)	30 (10-160)	30 (10-160)	30 (10-160)	30 (10-160)	30 (10-160)	
Air flow rate ⁽³⁾	m ³ /h	470/438/407	500/467/433	540/503/467	575/535/495	665/623/580	970/904/838	
		/375/343	/400/367	/430/393	/455/415	/538/495	/773/707	
		/312/280	/333/300	/357/320	/375/335	/453/410	/641/575	
Sound pressure level ⁽³⁾⁽⁴⁾	dB(A)	26.5/26/25	26.5/26/25	26.5/26/25	29/28/27	33/32/29.5	33/32/31	
		/24/23	/24/23	/24/23	/26/25	/28/26.5	/30/27.5	
		/22.5/22	/22.5/22	/22.5/22	/23/22	/25/24	/26/25	
Sound power level ⁽³⁾⁽⁴⁾	dB(A)	46/44.5/43	47/45.5/44	47/45.5/44	50/48.5/47	53/51/49	55/53/51	
		/41.5/40	/42.5/41	/42.5/41	/45/43	/47/45	/49/47	
		/38.5/37	/39.5/38	/39.5/38	/41/39	/43/41	/45/43	
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: Interconnecting piping length is 7.5 m, 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 7.5 m, 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 1.5 m below the unit.

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



MEDIUM STATIC PRESSURE DUCT

Size	CNT2-3-XY	D71	D80	D90	D112	D125	D140	D160	
Cooling ⁽¹⁾	Capacity	kW	7.1	8	9	11.2	12.5	14	16
	Power input	W	96	102	110	138	172	172	210
Heating ⁽²⁾	Capacity	kW	8	9	10	12.5	14	16	18
	Power input	W	96	102	110	138	172	172	210
Pipe connections	Liquid	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Gas	mm	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
Dimensions (Width x Height x Depth) ⁽⁵⁾	mm	880×245×750	1130×245×750	1130×245×750	1480×245×750	1480×245×750	1480×245×750	1480×245×750	
Weight	kg	25	30	31	37	39	39	39	
External static pressure	Pa	30 (10-160)	40 (10-160)	40 (10-160)	40 (10-160)	50 (10-160)	50 (10-160)	50 (10-160)	
Air flow rate ⁽³⁾	m ³ /h	1150/1068/986 /904/822 /740/660	1355/1263/1172 /1080/988 /897/805	1420/1323/1225 /1128/1030 /933/835	1950/1817/1683 /1550/1417 /1283/1150	2105/1971/183 /1703/1568 /1434/1300	2105/1971/1837 /1703/1568 /1434/1300	2350/2160/2015 /1871/1776 /1533/1400	
Sound pressure level ⁽³⁾⁽⁴⁾	dB(A)	35/33.5/32 /30.5/29 /27.5/26	37/35.5/34 /32.5/31 /29.5/28	37/35.5/34 /32.5/31 /29.5/28	39/37/35 /33/31 /29/28	40/38/36 /34/32 /30/29	40/38/36 /34/32 /30/29	42/40/38 /36/34 /33/31	
Sound power level ⁽³⁾⁽⁴⁾	dB(A)	58/56/54 /51.5/48 /47/45	59/57/55 /53/51 /49/47	59/57/55 /53/50.5 /48/46	60/58/56.5 /55/53.5 /52/50	64/62/61.5 /59.5/57.5 /55/53	64/62/61.5 /59.5/57.5 /55/53	65/63/61 /58.5/56.5 /54/52	
Power supply	V/Ph/Hz	220-240/1~/50							

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

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