

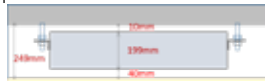
LOW STATIC PRESSURE DUCT

CNT3-3-XY D15÷D112



COMPACT DESIGN

All models in the series are 199 mm high and 450 mm deep, requiring minimal installation space.



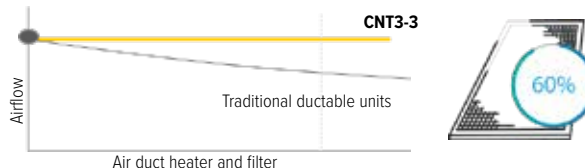
HIGH HEAD DRAINAGE PUMP

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



CONSTANT AIR FLOW

Thanks to the use of a digitally controlled fan, the air flow rate can be kept constant. Furthermore, it is possible to have an estimate of the percentage of clogging of the filters on the wired controls.



ADJUSTABLE STATIC PRESSURE

To adapt to installation conditions, the head of the unit can be precisely set between 10 and 50 or 80Pa depending on the size.

HIGH-EFFICIENCY EXCHANGER

Thanks to the exchanger's C-shaped design, a large heat exchange area can be achieved with a small footprint.



technical data

CNT3-3-XY D15÷D112



LOW STATIC PRESSURE DUCT

Size	CNT3-3-XY	D15	D22	D28	D36	D45	D56	D71	D80	D90	D112
Cooling ⁽¹⁾	Capacity	kW	1.5	2.2	2.8	3.6	4.5	5.6	7.1	8	11.2
	Air flow rate	W	21	22	28	31	43	58	65	108	128
Heating ⁽²⁾	Capacity	kW	1.8	2.5	3.2	4	5	6.3	8	9	12.5
	Air flow rate	W	21	22	28	31	43	58	65	108	128
Pipe connections	Liquid	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.52	Φ9.52	Φ9.52
	Gas	mm	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ15.9	Φ15.9	Φ15.9
Dimensions (Width x Height x Depth) ⁽⁵⁾	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25	OD Φ25	OD Φ25	OD Φ25	OD Φ25	OD Φ25	OD Φ25
	mm	630×199	630×199	630×199	780×199	980×199	980×199	1180×199	1680×199	1680×199	1680×199
Weight	kg	×450	×450	×450	×450	×450	×450	×450	×450	×450	×450
External static pressure	Pa	11.5	11.5	11.5	13	16.5	16.5	20	28	28	28
External static pressure	Pa	10 (10-50)	10 (10-50)	10 (10-50)	10 (10-50)	10 (10-50)	10 (10-50)	10 (10-50)	20(10-80)	20(10-80)	20(10-80)
Air flow rate ⁽³⁾	m ³ /h	340/335/329 /320/307 /298/290	370/347/339 /322/314 /306/295	460/431/413 /380/351 /323/300	605/557/508 /453/414 /365/320	800/770/701 /629/557 /506/435	900/800/761 /682/603 /549/470	1145/1033/957 /860/763 /671/580	1400/1327/1249 /1175/1095 /1026/960	1400/1327/1249 /1175/1095 /1026/960	1620/1522/1433 /1343/1254 /1170/1080
Sound pressure level ⁽³⁾⁽⁴⁾	dB(A)	27/26/25.5 /24.5/23.5 /22.5/22	28/27.5/26.5 /25.5/24.5 /23.5/22	30/29.5/28.5 /27.5/26 /24.5/22	30/29.5/28.5 /27.5/26.5 /25.5/25	33/32.5/32 /30.5/29 /27.5/26	36/34.5/33.5 /32.5/31 /29/27	37/35/34 /32.5/31 /30/29	36.5/35.5/34 /33/32 /31.5/30.5	36.5/35.5/34 /33/32 /31.5/30.5	39.5/38/36.5 /35/34 /32.5/31.5
Sound power level ⁽³⁾⁽⁴⁾	dB(A)	43.5/43/42.5 /42/41.5 /41/40	46/45/44/43 /42/41/40	50.5/49/47 /45.5/43.5 /42/40	50.5/49.5/48 /47/45.5 /44.5/43	52/50.5/49 /47.5/46 /44.5/43	56/54/52 /50/48 /46/44	57/55.5/54 /52/50.5 /49/47	57/56/54.5 /53.5/52 /51/49.5	57/56/54.5 /53.5/52 /51/49.5	60.5/59/57.5 /55.5/54 /52.5/50.5
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 1.5 m below the unit.

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

accessories

- RM12D Infrared remote control
- WDC3-86S Simplified wired controller
- WDC3-86T Compact wired controller

- WDC3-120T Wired controller
- DB01 IR receiver for remote control

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

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