

Air treatment unit

CIC/CIH

19 → 135 kW

Main applications

- Retail premises in urban area
- Shopping malls
- Industry

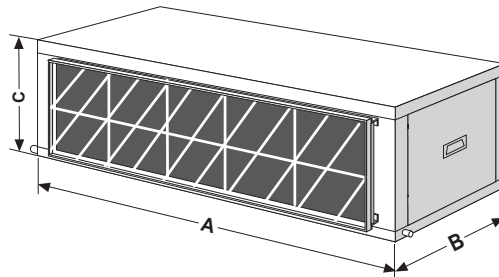


CIC/CIH		20S	25S	30S	35S	40S	45D	55D	70D	85D	100D	120D	140D
Cooling mode - CIC													
Gross cooling capacity ⁽¹⁾	kW	19,9	24,2	27,9	36,5	41,9	48,7	57,3	72,4	86,0	103,9	116,2	140,6
Net cooling capacity ⁽¹⁾		19,5	23,5	27,0	35,5	40,5	46,5	55,5	69,5	82,0	100,0	111,0	135,0
Heating mode - CIH													
Net heating capacity ⁽²⁾	kW	19,5	25	28,5	36	40	49,5	56,5	72,5	80	108	118	137
Electrical heater capacity (option) Standard/Medium/High		10	10	10	15	15	15	20	20	20	27	27	27
		15	15	15	20	20	20	27	27	27	40	40	40
		20	20	20	27	27	27	40	40	40	50	50	50
Hot water coil capacity ⁽²⁾		31	38	40	56	61	66	91	105	113	171	183	192
Ventilation													
Minimum airflow rate	m ³ /h	3150	4250	4650	6200	6950	7950	9950	12450	14000	17350	19300	21000
Maximum airflow rate		4100	5500	6000	8050	9050	9750	12850	15090	16725	22450	24950	24750
Maximum available static pressure	Pa	685	672	650	729	833	812	747	711	680	812	784	828
Acoustic data ⁽³⁾													
Blower outlet sound power level (Lw)		75	82	82	82	85	86	80	85	87	85	87	89

(1) Evaporating temperature = 7 °C / Ambient air temperature = 35 °C

(2) Condensing temperature = 50 °C / Ambient air temperature = 7 °C BS/6 °C BH

Dimensions



CIC/CIH		20 S	25 S	30 S	35 S	40 S	45 D	55 D	70 D	85 D	100 D	120 D	140 D
A	mm	1195			1445			2250			2900		
B		840			960			960			1140		
C		645			735			735			1140		
Operating weight ⁽¹⁾	kg	108	111	115	150	160	170	242	259	276	470	480	490

(1) Standard unit - Heat pump version