

Large Duct Split R410a

Duct Indoor Unit

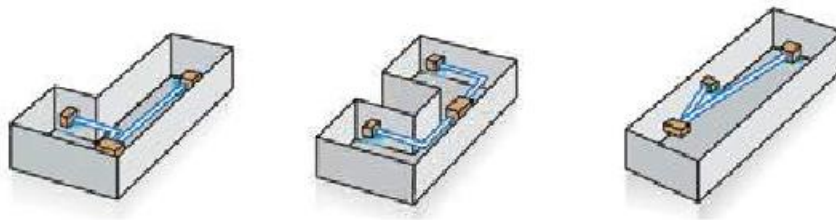


Convenient installation >>

- ❖ Compact design. Concealed installation without floor space requirement.
- ❖ Hidden in the ceiling, unit installation is not hindered by the location of lighting fixtures or room structure.
- ❖ Air inlet & outlet flange are standard for easy duct connection.
- ❖ Easy maintenance through the inspection port.

Free air duct design >>

- ❖ Multi diffusers from one indoor unit, air-conditioned multi rooms at the same time.
- ❖ Three speeds of air supply can be chosen via controller.
- ❖ The indoor unit is suitable for various applications where there are many rooms or halls, such as restaurant, concert halls and hotels.
- ❖ Flexible duct design for different room styles.



Auto Restart
Function



Auto
Defrosting



Independent
Dehumidification



Timer



PTC Heater



Anti-Cold
Air Function



Wired
Controller

Specifications - T1 Application

Heat pump, high static pressure duct



76/96 kBTU/h



150/192 kBTU/h

Indoor unit model			CSM-IDH76.HB0	CSM-IDH96.HB0	CSM-IDH150.HB0	CSM-IDH192.HB0
Outdoor unit model / Quantity			CSM-OSD76.HB3 / 1	CSM-OSD96.HB3 / 1	CSM-OSD150.HB3 / 1	CSM-OSD192.HB3 / 1
Indoor unit power supply			220~240V, 1Ph~, 50Hz			
Cooling	Capacity	Btu/h	76,000	96,000	150,100	192,000
		kW	22.3	28.1	44.0	56.3
	Input	kW	7.5	9.6	16.3	22.0
	EER	W/W	2.97	2.93	2.70	2.56
Heating	Capacity	Btu/h	85,300	106,000	160,300	200,000
		kW	25.0	31.0	47.0	58.6
	Input	kW	8.3	10.3	15.7	19.3
	COP	W/W	3.01	3.02	2.99	3.04
Max. power input		W	1,300	1,400	2,730	4,690
Max. current		A	5.2	5.8	12.1	20.9
Air flow (Hi)		m ³ /h	4,250 (2,500CFM)	5,100 (3,000CFM)	8,500 (5,000CFM)	10,800 (6,350CFM)
Standard external static pressure		Pa	196	196	196	196
Noise level (Hi)		dB(A)	56	56	63	65
Fan type / Drive type			Centrifugal / Direct			
Coil			Copper tube and aluminum fin			
Controller			Wired controller (JR-29B1/BK-θ)			
Dimension	Net (W×H×D)	mm	1,452×462×797	1,452×462×797	1,988×669×906	1,988×669×906
	Packing (W×H×D)	mm	1,555×500×875	1,555×500×875	2,095×800×964	2,095×800×964
Net / Gross weight		kg	94 / 106	96 / 108	208 / 220	215 / 230

Notes:

- Cooling capacity test condition: Outdoor ambient temperature: 35°C, indoor temperature 27°C DB / 19°C WB; refrigerant pipe length between indoor unit and outdoor unit is 7.5m.
- Heating capacity test condition: Outdoor ambient temperature: 7°C DB / 6°C WB, indoor temperature 20°C DB / 15°C WB; refrigerant pipe length between indoor unit and outdoor unit is 7.5m.
- Specifications are subject to change without prior notice for product improvement.


76/96 kBtu/h

150 kBtu/h

192 kBtu/h

Outdoor unit model			CSM-OSD76.HB3	CSM-OSD96.HB3	CSM-OSD150.HB3	CSM-OSD192.HB3
Outdoor unit power supply			380~415V, 3Ph~, 50Hz			
Max. power input	kW		11.7	14.4	26.9	32.2
Max. current	A		19.3	23.7	47.9	53.8
Noise level	dB(A)		68	68	70	73
Compressor (Type / Quantity)			Scroll / 1	Scroll / 1	Scroll / 3	Scroll / 3
Refrigerant (Type / Charged)			R410A / 5.4kg	R410A / 5.5kg	R410A / 10.0kg	R410A / 11.8kg
Fan type / Drive type			Axial / Direct	Axial / Direct	Axial / Direct	Axial / Direct
Coil			Copper tube and aluminum fin			
Refrigerant piping size	mm		Ø9.52 (Liquid), Ø22 (Gas)	Ø9.52 (Liquid), Ø25 (Gas)	Ø16 (Liquid), Ø32 (Gas)	Ø16 (Liquid), Ø32 (Gas)
Ambient temperature	°C		17~46	17~46	17~46	17~46
Dimension	Body (W×H×D)	mm	1,260×908×700	1,260×908×700	1,250×1,615×765	1,390×1,615×765
	Packing (W×H×D)	mm	1,320×1,060×730	1,320×1,060×730	1,305×1,790×820	1,455×1,790×830
Net / Gross weight	kg		174 / 193	187 / 204	288 / 308	320 / 336

Notes:

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3. Specifications are subject to change without prior notice for product improvement.