

Over 100 Years of Quality
Your partner in energy saving!



Cassette Inverter Units

R410a



DUNHAM-BUSH
AIR CONDITIONERS

World renowned since 1906

Say ¥€\$ to COP

Eliminating stop-start cycles, increases efficiency, extends the life of components and helps eliminate sharp fluctuations in the load the air-conditioner places on the power supply, resulting in lower energy bills.

The energy consumption could be reduced by 30% (compared to normal units).

- Easily programmable
- Easy installation & maintenance
- Anti-rust cataphoric treatment
- Slim and compact, easily fits most ceiling voids



Model	Outdoor Indoor	HP12CNI CS50-MNI	HP18CNI CS60-MNI	HP24CNI CS70-MNI	HP36CNI CS105-MNI	HP48CNI CS120-MNI	HP60CNI CS160-MNI
Capacity							
Cooling/Heating	Btu/h kW	13680 / 15340 4.0 / 4.5	19260 / 20800 5.6 / 6.1	26000 / 29000 7.85 / 8.5	42000 / 45000 12.4 / 13.2	51000 / 54000 15.0 / 16.0	59000 / 61000 17.2 / 18.0
Electrical							
Voltage/Frequency/Phase	V/Hz/Ph	220-240/50/1	←	220-240/50/1	380/50/3	←	380/50/3
Power Input Cooling/Heating	W	980	1600	2180	3260	4350	5200
Operating Current Cooling/Heating	A	5	7	9.48	4.7	6.3	7.43
Performance							
EER	Btu/h.W	3.26	3.3	3.32	3.23	3.21	3.01
COP	W/W	3.63	3.62	3.69	3.61	3.61	3.56
Airflow Volume - Indoor	m ³ /h	680	800	1220	1530	1530	1800
Noise Level - Indoor/Outdoor (High)	dB(A)	38 / 43	38 / 43	42 / 53	44 / 55	44 / 59	46 / 59
Net Dimensions & Weight							
Indoor unit WxHxD	mm	580x254x580	←	840x230x840	840x300x840	←	←
Panel WxHxD	mm	650x30x650	←	950x55x950	←	←	950x55x950
Outdoor unit WxHxD	mm	761x593x279	842x695x324	895x862x355	990x966x396	940x1245x400	940x1245x400
Net Weight Indoor/Panel	kg	18 / 3	21 / 3	29 / 6	36 / 6	36 / 6	42 / 6
Outdoor	kg	39.5	59	73	87	99	124
Packaging Dimensions & Gross Weight							
Indoor unit WxHxD	mm	750x340x745	750x340x745	955x247x955	955x317x955	←	←
Panel WxHxD	mm	715x115x715	←	1035x90x1035	←	←	←
Outdoor unit WxHxD	mm	887x655x355	965x752x399	1043x915x395	1120x1100x440	1058x1380x435	1058x1380x435
Gross weight Indoor Unit/Panel	kg	27.5 / 5	28 / 5	36 / 9	41 / 9	41 / 9	50 / 9
Outdoor	kg	42.5	63	76	95	107	130
Piping Connections							
Liquid side (HP)	mm (inch)	6.35 (1/4")	6.35 (1/4")	9.53 (3/8")	9.53 (3/8")	9.53 (3/8")	9.53 (3/8")
Gas side (LP)	mm (inch)	12.7 (1/2")	12.7 (1/2")	16.0 (5/8")	16.0 (5/8")	16.0 (5/8")	16.0 (5/8")
Max Length	m	25	25	25	30	50	50
Max Height	m	15	15	15	20	20	20

Remarks Cooling capacities are based on indoor air temp. 27°C DB, 19°C WB and outdoor air temp. 35°C DB, 24°C WB
The above specifications are subject to change without prior notice for product improvement.



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