

Over 100 Years of Quality



# Cassette Split Type



**DUNHAM-BUSH**  
AIR CONDITIONERS

**World renowned since 1906**

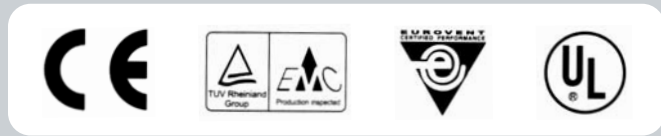
# Cassette Split Type - Technical Specifications

- Stylish design & fully programmable
  - Height of the indoor unit is only 235 - 300mm, great for low-ceiling space
    - 360° RimFlow outlets, wide range of air distribution
- Super low noise operations with 3-dimensional screw fan
- Water-full alarm and auto-stop, double protection against drainage of condensate
- Anti-rust cataphoric treatment
- Easy installation & maintenance



Model	Outdoor Indoor	HP12C CS50-M	AS18C CS60-MC	HP18C CS60-M	AS24C CS70-MC	HP24C CS70-M	AS36C CS105-MC	HP36C CS105-M	AS48C CS120-MC	HP48C CS120-MH	AS60C CS160-MCCS160-MH	HP60C CS160-MH
<b>Capacity</b>												
Cooling/Heating	Btu/h kW	12000 / 13000 3.5 / 3.8	18000 5.2	18000 / 20000 5.2 / 5.8	24000 7.0	24000 / 26000 7.03 / 7.62	36000 10.55	36000 / 40000 10.55 / 11.72	48000 14.1	48000 / 52000 14.1 / 15.5	60000 17.5	60000 / 65000 17.5 / 19.05
<b>Electrical</b>												
Voltage/Frequency/Phase	V/Hz/Ph	220-240/5 /1	←	220-240/50/1	←	←	380-415/50/3	←	380-415/50/3	←	←	←
Power Input Cooling/Heating	W	1390 / 1290	2050	2000 / 2000	3050	3040 / 2950	4400	4400 / 4500	5400	5400 / 5500		6130
Operating Current Cooling/Heating	A	5.0 / 5.5	8.5	8.5 / 8.4	11.5	11.2 / 13.0	8.5	7.8 / 8.0	9.2	9.2 / 9.4	11	11.0 / 12.0
<b>Performance</b>												
EER	Btu/h.W	9.2	8.8	←	8.7	8.2	←	←	8.9	←	8.8	←
COP	W/W	3.1	←	3.0	←	2.8	←	2.6	←	2.8	←	2.61
Airflow Volume - Indoor	m³/h	596	860	←	1220	1220	1650	1648	1650	←	1830	←
Noise Level - Indoor/Outdoor (High)	dB(A)	40 / 43	43 / 44	←	42 / 47	42 / 47	50 / 63	44 / 49	50 / 63	44 / 50	50 / 58	50 / 58
<b>Net Dimensions &amp; Weight</b>												
Indoor unit WxHxD	mm	580x254x580	←	←	840x230x840	←	840x300x840	←	840x300x840	←	840x300x840	←
Panel WxHxD	mm	650x30x650	←	←	950x55x950	←	950x55x950	←	950x55x950	←	950x55x950	←
Outdoor unit WxHxD	mm	780x574x250	842x695x324	←	895x862x313	←	990x966x354	←	990x966x354	←	900x1167x340	←
Net Weight Indoor/Panel	kg	19 / 3	21 / 3	21 / 3	24 / 6	←	30 / 6	28.5 / 6	30 / 6	28.5 / 6	32 / 6	32 / 6
Outdoor	kg	32	52	48	62	64	89	101	94	90	102	103
<b>Packaging Dimensions &amp; Gross Weight</b>												
Indoor unit WxHxD	mm	750x340x750	750x340x750	←	1020x330x930	←	1020x400x930	←	1020x400x930	←	1020x400x930	←
Panel WxHxD	mm	715x115x715	715x115x715	←	1030x145x1030	←	1030x145x1030	←	1030x145x1030	←	1030x145x1030	←
Outdoor unit WxHxD	mm	910x575x335	965x847x395	←	1000x985x410	←	1300x1020x430	←	1300x1020x430	←	1300x1020x430	←
Gross weight Indoor Unit/Panel	kg	27 / 7	30 / 5	←	46 / 11	←	50 / 11	←	50 / 11	←	50 / 11	53 / 11
Outdoor	kg	39	57	60	84	90	125	127	125	127	125	130
<b>Piping Connections</b>												
Liquid side (HP)	mm (inch)	6.35 (1/4")	6.35 (1/4")	←	9.53 (3/8")	←	12.7 (1/2")	←	12.7 (1/2")	←	12.7 (1/2")	←
Gas side (LP)	mm (inch)	12.7(1/2")	12.7 (1/2")	←	16.0 (5/8")	←	19.0 (3/4")	←	19.0 (3/4")	←	19.0 (3/4")	←
Max Length	m	15	30	←	30	←	30	50	50	←	50	←
Max Height	m	8	10	←	10	←	10	20	25	←	25	←
Max Drain Height (from ceiling)	mm	750	←	←	←	←	←	←	750	←	←	←

**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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Dealer: