

Over 100 Years of Quality
Your partner in energy saving!



Ducted Split R410a



DUNHAM-BUSH
AIR CONDITIONERS

World
renowned

Ducted Split Type Technical Specifications



- Stylish design & easily programmable
- Slim and compact, easily fits most ceiling voids
- Anti-rust cataphoric treatment
- Easy installation & maintenance
- 36kBTU unit available in single phase
- Standard wired remote controller with optional IR remote
- High performance compressor
- Solid, durable construction

Model	Indoor Outdoor	CR042MN HP122DN	CR062MN HP18DN	HHS241HPN HP241HN	HHS361HPN HP361HN	HHS481HPN HP481HN	HHS601HPN HP601HN	HHS75HPN HP75HN	HHS102HPN HP102HN	HHS120HPN HP120HN	HHS150HPN HP150HN	HHS200HPN HP200HN	
Capacity													
Cooling / Heating	Btu/h	12000 / 13200	18000 / 19000	24000 / 26000	36000 / 40000	49000 / 52000	60000 / 62000	76000 / 78300	96000 / 106000	120000 / 129700	150100 / 160300	192000 / 200000	
	kW	3.5 / 3.8	5.3 / 5.5	7.0 / 7.6	10.5 / 11.7	14.3 / 15.2	17.6 / 19.0	22.3 / 22.9	28.1 / 31.0	35.1 / 38.0	44.0 / 47.0	56.2 / 58.6	
Electrical													
Voltage/Frequency/Phase	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50	
Power Input	Cooling / Heating	W	1256 / 1155	2125 / 1760	2495 / 2235	3880 / 3247	5128 / 4220	6500 / 5300	7500 / 8300	9600 / 10300	11900 / 12700	16300 / 15700	22000 / 19300
Rated Current	Cooling / Heating	A	5.6 / 5.3	9.7 / 8.1	11.4 / 10.2	6.8 / 5.7	9.0 / 7.4	11.2 / 9.2	15.5 / 15.5	19.8 / 19.8	24.7 / 24.7	37.1 / 37.1	45.4 / 45.4
Performance													
EER	W/W	2.8	2.48	2.82	2.8	2.8	2.53	2.97	2.93	2.96	2.69	2.56	
COP	W/W	3.35	3.16	3.41	3.61	3.61	3.43	3.01	3.02	2.99	2.99	3.04	
Indoor Airflow	(Hi/Med/Low)	m³/h	624/485/400	816/546/--	1615/1155/989	2148/1810/1648	2809/2554/2272	3150/2809/2554	4500/3810/3200	5100/4400/3620	5100/4400/3620	8500/6950/5800	10800/8890/7850
Noise Level	(Hi/Med/Low)	dB(A)	43/37/31	44/37/33	48/44/39	53/50/47	51/49/46	52/50/48	56/54/52	56/54/52	56/54/52	63/60/58	65/62/63
Net Dimensions & Weight													
Indoor Unit	W x H x D	mm	700x210x635	920x210x635	900x270x525	1100x270x525	1200x380x625	1200x380x625	1366x450x716	1366x450x716	1366x450x716	1828x668x858	1828x668x858
Outdoor Unit	W x H x D	mm	780x540x250	760x590x285	845x700x320	990x965x345	900x1170x350	900x1170x350	1255x908x700	1255x908x700	1255x908x700	1250x1615x765	1390x1615x765
Net Weight	Indoor / Outdoor	kg	18 / 29	24 / 37	25 / 49	31 / 85	46 / 93	46 / 97	94 / 174	96 / 187	96 / 201	188 / 288	235 / 320
Packaging Dimensions & Gross Weight													
Indoor Unit	W x H x D	mm	915x290x655	1135x290x655	1130x340x555	1335x340x555	1485x450x675	1485x450x675	1555x500x875	1555x500x875	1555x500x875	2095x800x964	2095x800x964
Outdoor Unit	W x H x D	mm	910x585x335	887x645x355	965x755x395	1120x1100x435	1032x1307x443	1032x1307x443	1320x1060x730	1320x1060x730	1320x1060x730	1305x1790x820	1455x1790x830
Gross Weight	Indoor / Outdoor	kg	22 / 32	28 / 39	29 / 52	36 / 95	52 / 105	52 / 108	106 / 193	108 / 204	108 / 217	200 / 308	250 / 336
Piping Connections													
Liquid Side	(HP)	mm (inch)	6.35 (1/4")	6.35 (1/4")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")	15.9 (5/8")	15.9 (5/8")
Gas Side	(LP)	mm (inch)	12.7 (1/2")	12.7 (1/2")	15.9 (5/8")	19 (3/4")	19 (3/4")	19 (3/4")	22 (7/8")	25 (1 1/8")	28 (1 1/8")	32 (1 1/4")	32 (1 1/4")
Max Pipe Length		m	15	25	25	30	50	50	50	50	50	50	50
Max Pipe Height		m	8	15	15	20	25	25	25	25	25	25	25

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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