

Over 100 Years of Quality
Your partner in energy saving!



INVERTER
Ducted Split
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	Indoor Outdoor	CR042HPNI HP122DNI	CR062HPNI HP18DNI	HHS241HPNI HP241HNI	HHS363HPNI HP363HNI	HHS483HPNI HP483HNI	HHS603HPNI HP603HNI	HHS68HPNI HV68HNI	HH102HPNI HV102HNI	HHS140HPNI HV140HNI	HHS150HPNI HV150HNI	HHS200HPNI HV200HNI
Capacity												
Cooling / Heating	Btu/h kW	12000 / 13000 3.5 / 3.8	18000 / 19000 5.3 / 5.6	24000 / 24500 7.0 / 7.2	36000 / 38000 10.5 / 11.1	48000 / 52000 14.0 / 15.2	60000 / 60000 17.5 / 17.5	68260 / 76800 20.0 / 22.5	85000 / 97200 24.9 / 28.5	136520 / 153585 40 / 45	153585 / 170650 45 / 50	200000 / 214956 58.5 / 63
Electrical												
Voltage/Frequency/Phase	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	380-414/3/50	380-414/3/50	380-414/3/50	380-414/3/50	380-414/3/50	380-414/3/50	380-414/3/50	380-414/3/50
Power Input Cooling / Heating	W	1031 / 1055	1620 / 1510	2170 / 2040	3920 / 3710	5430 / 4400	7300 / 4670	6100 / 6100	7600 / 6800	11900 / 11100	13600 / 12700	17000 / 16000
Rated Current Cooling / Heating	A	4.5 / 4.6	7.4 / 6.9	9.9 / 9.3	7.9 / 6.9	9.3 / 7.6	7.50 / 8.06	14.5 / 14.5	15.4 / 15.4	24 / 24	30 / 30	35.2 / 35.2
Performance												
EER	W/W	3.41	3.26	3.24	2.69	3.59	2.19	3.28	3.28	3.36	3.31	3.45
COP	W/W	3.61	3.69	3.52	3.0	3.46	3.64	3.61	4.19	4.05	3.93	3.94
Indoor Airflow (Hi/Med/Low)	m³/h	800/610/520	1170/770/650	1400/1100/1000	2148/1810/1648	3150/2809/2554	3088/2735/2414	4268/3780/3200	4400/3708/3200	7468/6047/4989	7468/6047/4789	9506/7897/6550
Noise Level (Hi/Med/Low)	dB(A)	41/35/30	42/36/30	45/43/41	52/50/47	53/51/48	56/53/50	59/55/52	59/55/52	61/59/56	61/59/56	63/60/57
Net Dimensions & Weight												
Indoor Unit W x H x D	mm	700x210x635	920x210x635	920x270x635	1100x270x525	1200x380x625	1200x380x625	1356x470x763	1356x470x763	1970x668x858.5	1970x668x858.5	1970x668x858.5
Outdoor Unit W x H x D	mm	760x590x285	760x590x285	845x700x320	990x965x345	938x1369x392	1968x1369x392	1120x1558x400	1120x1558x400	1360x1650x540	1460x1650x540	1960x1615x765
Net Weight Indoor / Outdoor	kg	20 / 37	23 / 42	28 / 52	31.2 / 81	47.3 / 102	53.6 / 107	115 / 137	115 / 147	232 / 240	232 / 275	232 / 460
Packaging Dimensions & Gross Weight												
Indoor Unit W x H x D	mm	915x290x655	1135x290x655	1135x350x655	1335x320x555	1485x450x675	1485x450x675	1509x570x964	1509x570x964	2095x800x964	2095x800x964	2095x800x964
Outdoor Unit W x H x D	mm	887x645x355	887x645x355	965x755x395	1120x1100x435	1095x1505x495	1095x1505x494	1270x1575x480	1270x1575x480	1450x1785x560	1550x1785x560	2025x1815x830
Gross Weight Indoor / Outdoor	kg	25 / 40	29 / 44	31.5 / 55	35.8 / 91	53.9 / 118	60 / 120	129 / 153	129 / 163	245 / 260	245 / 290	245 / 485
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")	12.7 (1/2")	15.9 (5/8")
Gas Side (LP)	mm (inch)	12.7 (1/2")	12.7 (1/2")	15.9 (5/8")	15.9 (5/8")	15.9 (5/8")	15.9 (5/8")	19.1 (3/4")	22.2 (7/8")	22.2 (7/8")	29 (1 1/8")	35 (1 3/8")
Max Pipe Length	m	25	30	50	65	65	65	120	120	150	150	150
Max Pipe Height	m	10	20	25	30	30	30	30	30	70	70	70

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.



Dealer:

Dunham-Bush International (Africa) (Pty) Ltd
 57 Sovereign Drive
 Route 21 Corporate Park
 Irene SOUTH AFRICA
 Tel: +27 12 345 4202
 Fax: +27 12 345 4203
 PO Box 1431 Wingate Park
 0153 SOUTH AFRICA
 e-mail: info@dunham-bush.co.za