

Over 100 Years of Quality  
Your partner in energy saving!



# Ducted Split: 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	HP36HNI HHS36HPNI	HP48HNI HHS48HPNI	HP60HNI HHS60HPNI	HP100HNI HHS100HPNI
<b>Capacity</b>						
Cooling	(Min-Max)	Btu/h kW	36000 10.55	48000 14.07	55000 16.12	96000 28
Heating	(Min-Max)	Btu/h kW	38000 11.14	51000 14.95	58000 17.0	10500 31.5
<b>Electrical</b>						
Voltage/Frequency/Phase		V/Hz/Ph	380~415-3-50	←	←	←
Nominal Power Input		W	3256	4396	5006	7198
Nominal Operating Current (@ 100% capacity)		A	5.62	7.42	8.45	22.1
<b>Performance</b>						
EER		Btu/h.W	11.1	10.92	10.99	13.3
COP		W/W	3.66	3.63	3.72	4.14
Airflow Volume - Indoor @ Pa		m <sup>3</sup> /h @ Pa	3177 @ 150Pa	3935 @ 160Pa	4242 @ 160Pa	4400 @ 160Pa
Noise Level - Indoor / Outdoor (High)		dB(A)	52 / 63	55 / 62	55 / 63	55 / 58
<b>Net Dimensions &amp; Weight</b>						
Indoor unit	WxHxD	mm	1200x400x808	1200x400x808	1200x400x808	1425x500x928
Outdoor unit	WxHxD	mm	990x966x354	940x1245x360	940x1245x360	960x1615x765
Net Weight	Indoor/Outdoor	kg	83 / 79	78 / 99	78 / 104	115 / 205
<b>Packaging Dimensions &amp; Gross Weight</b>						
Indoor unit	WxHxD	mm	1368x430x877	1368x430x877	1368x430x877	1509x522x964
Outdoor unit	WxHxD	mm	1120x1100x435	1058x1380x438	1058x1380x438	1025x1790x830
Gross weight	Indoor/Outdoor	kg	91 / 91	85 / 110	85 / 115	129 / 220
<b>Piping Connections</b>						
Liquid side (HP)		mm (inch)	9.53 (3/8")	9.53 (3/8")	9.53 (3/8")	Please contact Dunham-Bush for Pipe Schematic
Gas side (LP)		mm (inch)	16.0 (5/8")	16.0 (5/8")	19.0 (3/4")	
Max Length		m	30	50	50	50
Max Height		m	20	25	20	30

**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.



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



Dealer: