Technical Specifications

Wall Split

	Model				
	BENHC 24 R/RC	BENHC 34 R/RC	BENHC 50 R/RC	BENHC 65 R/HC	BENHC 85 R/RC
Cooling Capacity	2.31 kW	3.4 kW	5.1 kW	6.3 kW	8.2kW
Heating Capacity	2.6 kW	3.4kW	5.6kw	6.6 kW	8.4kW
Energy Efficiency					
Must be greater than or equal to	3.05	3.05	2.75	2.75	2.75
Cooling EER	3.12	3.17	2.91	2.9	2.96
Heating COP	3.71	3.57	3.07	3.3	2.91
Star Ratings					
Cooling	★★★★½	★★★★½	★★★★	★★★★	★★★★
Heating	★★★★★½	★★★★½	★★★½	★★★★½	★★★
Power Consumption (Watts)					
Cooling	725	1035	1725	2086	2669
Heating	695	975	1800	1990	2855
Normal Running Amps 35C	3.2	4.54	7.6	9.4	11.68
Operation temperatures	Minus 3°C to 52°C				
Minimum room size	16 m²	21 m²	32 m²	40 m²	55 m²
Dimensions (W x H x D) (mm)					
Indoor	790 x 275 x 200	790 x 275 x 200	1000 x 320 x 200	1035 x 320 x 215	1250 x 340 x 240
Outdoor	830 x 545 x 255	830 x 545 x 255	850 x 610 x 290	850 x 610 x 290	1000 x 750 x 310
Noise Levels (dBa)	51	52	54	54	56
Pipe Sizes	1/4 & 3/8	1/4 & 3/8	1/4 & 1/2	3/8 & 5/	3/8 & 5/8

Note

- Capacities are to Australian Standards AS 3823.2(2007)
- 2.6m Ceilings smallest room sizes to comply to AS 1677 part 1 and 2 1998
- Units can be used in smaller rooms - ask your Dealer for more information

Auto Fan	The fan will operate on low fan speed when room is within one degree of the set temperature, at medium speed when the variance is one to two degrees and at high speed when the variation is greater than two degrees.
Fan Speeds	An inverter drive system varies the motor speed to provide optimum performance in all conditions.
Self Fault Diagnostic	The Benson system contains a fault diagnostic and will turn the unit off automatically if a fault is detected.
Pre-heat setting	During the off cycle, the indoor fan runs at a super-low speed to give accurate temperature control; when the system sensors indicate that it needs to warm, the fan will stay on the super-low setting
Sleep/Night Economy Cycle	Night set back function during sleeping hours will adjust the set point temperature by one degree per hour to a maximum of two degrees to compensate for the human body metabolic rate reduction during sleep. This will reduce costs during the night-time cycle.
Over Heat Protection	The unit will automatically cycle the condenser fan to reduce the head pressure and allow the system to heat in high ambient conditions 7°CDB and above. Please remember these units have been designed to heat from 15°CDB to -5°CDB ambient conditions.
Compressor Anti Cycle	A random delay has been incorporated in all of our systems of between three and five minutes for compressor protection. This also allows all the compressors to start at random times if all are switched on at once.
Power Failure	Following a power failure, units have an automatic restart function. This can be switched to manual if required.
Low Noise	The outdoor units have been designed with the lowest noise level outdoor fan blades currently available.

For further product information or to locate a dealer contact us on (03) 9735 9457