



**AIR CONDITIONING SERVICES  
(NZ) Ltd**

**EXPERIENCE COMFORT AND PEACE OF  
MIND WITH AN ACS UNDERFLOOR  
HOTWATER HEAT PUMP**



- \* Efficient
- \* Affordable
- \* Ergonomically Friendly
- \* Safe
- \* Quiet Operation
- \* Modern Technology

The ACS supplied underfloor hotwater heat pump carries two year on site warranty parts and labour. Our range of underfloor heating units provides one of the most energy efficient ways to heat any type of domestic or commercial building.



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# UNDERFLOOR HOTWATER HEATPUMP



## Features

- Reverse cycle valve
- Soft start controller for single phase models
- Water flow switch equipped for water flow protection
- Built in Water Pump ( Wilco brand )
- Stainless Steel Buffer tank built in
- Intelligent controller, adjustment by quick minded microprocessor
- Automatic defrost function : anti-frosting protection
- Thermostatic expansion valve

MODEL		030B	050B	060B-U	060SB
Heating Output	Kw	9.6	15	19	17.5
Heating Power Input	Kw	3	5.1	6	5.2
Max Power Input	Kw	3.6	6.4	8.2	6.18
Power Supply	V/Ph/HZ	230/1ph/50hz	230/1ph/50hz	230/1ph/50hz	380/3ph/50hz
Starting current	Amps	43	79	56	60
Running Current	Amps	13	23	26	10.5
Max Current	Amps	18.5	28	33.6	11
Soft Start		Yes	Yes	Yes	No
Compressor Make		Hitachi	Sanyo	Hitachi	Sanyo
Compressor model		CTHU33WC6-U	C-SBN351H5A	CTHU33WC6-U	C-SBN373H8A
Compressor Type		Rotary	Scroll	Rotary	Scroll
Compressor Quantity		1	1	2	1
Fan Quantity		1	2	2	2
Fan Power Input	Kw	0.12	0.12*2	0.20*2	0.12*2
Fan Speed	Rpm	850	850	830	850
Noise Level	Db(A)	56	59	61	59
Air Discharge		Horizontal	Horizontal	Vertical	Horizontal
Water Pump Make		Wilco	Wilco	Wilco	Wilco
Water Pump Model		TOP RL25/7.5	PUN250E	PUN600E	PUN200
Water Pump Input	Kw	0.2	0.2	0.6	0.2
Water Pump Volume	L/s	0.36	0.64	0.9	0.9
Water Pump Pressure	M	8	10	20	20
Water Pressure Drop	kPa	17	32.5	35	37
Water Connection	Inch	1"	1"	1.5"	1"
Water Storage Capacity L		23	32	60	32
Refrigerant		R407C	R407C	R407C	R407C
Valve Make		ALCO	ALCO	ALCO	ALCO
Valve Model		BAE3HCA	AAE4NCA	AAE3NCA	BAE6HCA
Valve Quantity		1	1	2	1
Heat Exchange Type		Plate	Plate	Plate	Plate
Dimensions L/W/H	mm	1115x470x850	1115x470x1245	1450x730x1080	1115x470x1245
Net Weight	Kg	120	150	280	175

Condition: heating---outdoor air temp.: 7°C/6°C, outlet water temp.: 35°C, inlet water temp.: 30°C;



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www.airconcentre.co.nz  
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