



## VANCOUVER HT Heat Pump

### Multifunction - High temperature

#### Principais Características

- High Energeti Efficiency (A+++)
- Cooling gas R290 eco-friendly
- Inverter system - Compressor, ventilator and circulator pump
- Hydraulic group included (Circulator, Expansion Vessel, Purging system)
- Flexible installation
- WIFI Remote Control Smart Touch
- Extremely Silent
- Outlet water temperature (°C): **75**
- Room temperature: -15~45°C
- Hydraulic connections DN 25, (screw thread **1" M**)
- Only **415mm of thicknes**

### Descrição do Produto

New range of multifunction heat pumps with hydraulic units integrated allowing heating and cooling, as well as the production of domestic hot water. DC inverter technology with capacities from 6 to 16kW. Can be associated to a fan coil, radiant heating floor and solar energy.

These units have been designed for domestic use or for little commercial spaces. Compact and silent, easy to install and maintain. High energetic efficiency (A+++). High reliability and low costs.

#### APPLICATION:

- Heating by radiators
- Air-conditioning (Heating or Cooling) by fan coil
- Hot water production up to **75°C** (Using of an external water heater - optional)
- Radiant heating floor and solar systems

### Modelos e Preços

Código	Modelo
2301-0281	Multifunction Heat Pump VANCOUVER HT 6 (single-phase)
2301-0282	Multifunction Heat pump VANCOUVER HT 9 (single-phase)
2301-0283	Multifunction Heat pump VANCOUVER HT 12 (single-phase)
2301-0284	Multifunction Heat Pump VANCOUVER HT 16 (Single-phase)
2301-0285	Multifunction Heat Pump VANCOUVER HT 16 (Three-phase)



TECHNICAL DATA	VANCOUVER HT 6 (SINGLE-PHASE)	VANCOUVER HT 9 (SINGLE-PHASE)	VANCOUVER HT 12 (SINGLE- PHASE)	VANCOUVER HT 16 (SINGLE- PHASE)	VANCOUVER HT 16 (THREE- PHASE)
Power supply (V/Hz)	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	380-415/3/50
Heating power (kW)	2,0 ~ 7,0	3,0 ~ 10,0	4,0 ~ 13,0	5,0 ~ 17,0	5,0 ~ 17,0
Heating - Power [Air 7°C - Water 30/35°C] (kW)	6,40	9,15	12,20	16,00	16,00
Heating - Consumption [Air 7°C - Water 30/35°C] (kW)	1,33	2,03	2,72	3,41	3,41
Heating - Consumption [Air 7°C - Water 30/35°C] (A)	5,78	8,83	11,83	14,83	5,18
Heating - COP [Air 7°C - Water 30/35°C]	4,81	4,50	4,48	4,69	4,69
Heating- Power [Air 7°C - Water 47/55°C] (kW)	5,50	8,12	10,65	13,60	13,60
Heating- Consumption [Air 7°C - Water 47/55°C] (kW)	1,70	2,66	3,51	4,41	4,41
Heating - COP [Air 7°C - Water 47/55°C]	3,23	3,05	3,03	3,08	3,08
Heating - Power [Air -25°C - Water 30/35°C] (kW)	3,30	4,72	6,28	8,16	8,16
Heating - Consumption [Air -25°C - water 30/35°C] (kW)	1,70	2,65	3,56	4,34	4,34
Heating - COP [Air -25°C - Water 30/35°C]	1,94	1,78	1,76	1,88	1,88
Cooling - Power [Air 35°C - Water 23/18°C] (kW)	6,25	8,85	10,80	14,85	14,85
Cooling - Consumption [Air 35°C - Water 23/18°C] (kW)	1,42	2,28	2,88	3,97	3,97
Arrefecimento - Consumo [Ar 35°C Cooling - Consumption [Air 35°C - Water 23/18°C] (A)	6,17	9,91	12,52	21,39	6,03
Cooling - EER [Air 35°C - Water 23/18°C]	4,40	3,88	3,75	3,74	3,74
Arrefecimento - Potência [Ar 35°C - Cooling- Power [Air 35°C - Water 12/7°C] (kW)	5,20	6,80	9,40	13,20	13,20
Cooling - Consumption [Air 35°C - Water 12/7°C] (kW)	1,38	2,28	3,16	4,22	4,22
Cooling - EER [Air 35°C - Water 12/7°C]	3,76	2,98	2,97	3,13	3,13
Class ( Water outlet 35°C)	A+++	A+++	A+++	A+++	A+++
Class (Water outlet 55°C)	A++	A++	A++	A++	A++
Water flow (m3/h)	1,10	1,57	2,10	2,75	2,75
Maximum inlet power(kW)	2,76	3,15	3,75	6,21	6,21
Maximum Inlet current (A)	12,0	13,7	17,0	27,0	9,4
Pressure portection Max/Min (MPa)	3,0 / 0,1	3,0 / 0,1	3,0 / 0,1	3,0 / 0,1	3,0 / 0,1
Coolant	R290	R290	R290	R290	R290
Portection degree	IPX4	IPX4	IPX4	IPX4	IPX4
Noise level from 1 meter (dB(A))	51	54	54	56	56
Maximum Outlet temperature (°C)	75	75	75	75	75
Hydraulic connections	DN25 (1")	DN25 (1")	DN25 (1")	DN25 (1")	DN25 (1")
Drainage (mm)	15	15	15	15	15

Possíveis alterações sem aviso prévio.

 Preços recomendados de venda ao público. Os preços indicados não incluem i.V.A.  
 Esta ficha técnica não dispensa a consulta do manual de instruções.

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Water pressure Mín/Max (bar)	0,5/3,0	0,5/3,0	0,5/3,0	0,5/3,0	0,5/3,0
Temp. Mín. Funcionamento - Modo Minimum temperature of use - heating mode (°C)	-25	-25	-25	-25	-25
Min temperature of use - Cooling mode (°C)	10	10	10	10	10
Maximum Temperature of use - heating/cooling mode (°C)	45	45	45	45	45
Dimensions (mm)	1115x415x898	1115x415x898	1115x415x982	1115x415x1332	1115x415x1332
Weight (kg)	90	95	110	140	140

