



**THUIS**  
STROOM

Thuis Stroom B.V.

Pr. Margrietplantsoen 33, 2595 AM The Netherlands, Den Haag

<https://thuis-stroom.nl>

[sales@thuis-stroom.nl](mailto:sales@thuis-stroom.nl)

## R290 Air Source All Electric Heat Pump

### Features:

- R290 refrigerant gas
- Energy Class: A+++
- Heating+Cooling +Hot Water
- Full DC inverter compressor and fan motor
- Max outlet temperature: 75°C
- Wifi smart control
- Inverter water pump inside.
- Modbus RS485



Model:	Product Code	TS-HP12-290M-PH01 12 kW R290 Mono Phase	TS-HP12-290T-PH01 12 kW R290 Three Phase	TS-HP18-290T-PH01 18 kW R290 Three Phase
Heating Capacity	kW	5.40 ~ 14.95	5.40 ~ 14.95	8.00 ~ 22.00
Heating Power Input	kW	1.05 ~ 3.85	1.05 ~ 3.85	1.60 ~ 6.90
Cooling Capacity	kW	3.60 ~ 10.50	3.60 ~ 10.50	4.20 ~ 15
Cooling Power Input	kW	1.12 ~ 4.47	1.12 ~ 4.47	1.80 ~ 7.30
Hot Water Capacity	kW	6.50 ~ 18.50	6.50 ~ 18.50	10.00 ~ 27.00
Hot Water Power Input	kW	1.27 ~ 4.65	1.27 ~ 4.65	1.90 ~ 7.10
Max Power Input	kW	5.3	5.3	8.3
Max. Current Input	A	24.5	10.5	15
Power SUPPLY	/	220-240V~/50Hz	380-415V/3N~50Hz	380-415V/3N~50Hz
Compressor Quantity	/	1	1	1
Compressor Model	/	Rotary		
Fan quantity	/	1	1	2
Fan Power Input	W	170	170	75
Fan Rotate Speed	RPM	600	600	600
Water Pump Input	W	60	60	160
Noise	dB(A)	39-52	39-52	42-54
Water flow volume	m³/h	1,7	1,7	2,9
Water Connection	inch	1	1	1
Internal Water Pressure Drop	kPa	30	30	45
Water Head	m	5.5	5.5	6.9
Net Dimensions ( L/W/H )	mm	See drawings of the heat pump		
Unit Shipping Dimensions ( L/W/H )	mm	75/1290/810	75/1290/810	520/1410/950
Net Weight	kg	160	160	202
Shipping Weight	kg	168	168	234
SCOP(35)	/	4.9	4.92	4.91
BPIV(35)	/	8.368	8.215	11.105
SCOP(55)	/	3.76	3.78	3.7
BPIV(55)	/	7.983	8.169	10.919
SCOP(65)	/	3.11	3.07	3.09
BPIV(65)	/	6.571	6.556	9.818



Rijkdienst voor Ondernemend  
Nederland

KA26316

KA26317

KA26315

Certifications

