

TDF 300/3.5

300-L ducted water heater

- Refrigerant: R134a.
- Water output temperature: 38 to 65°C.
- Automatic regulation (heat pump and electrical resistance): thermal confort and performances.
- Forced mode (electrical resistance).
- Ready to install.
- Absent mode.
- Ideal for family of 5 people.



PRODUCT ADVANTAGES

- > Automatic, weekly, anti-legionella function.
- > Multiple safeguards: pressure valve, double safeguard against rises in temperature (manual/automatic).
- > No contamination risk: the condenser coil is outside the tank.
- > Easy for the heating engineer to install: closed refrigeration circuit - no intervention required.
- > Anode and enamel or stainless provide anti-scale and anti-corrosion protection.
- > Large LCD screen for ease of use.
- > Air outlet delivering 25 Pa pressure: option for up to 10 m of duct.
- > 4-way valve: automatic defrosting.

* NF certification is available only for enamel version.

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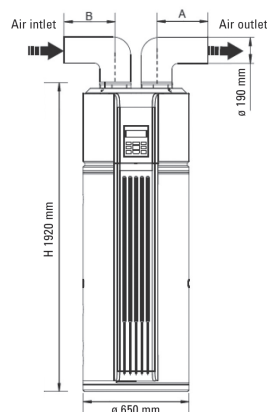
[TECHNICAL DATA]

Model		AWHM-TDF300/3.5-H31
Part number Stainless steel		7HP030005
Part number Enamel		7HP030007
COP		2.74
Water heating capacity	W	3000
Rated capacity	W/A	4300/18.7
Power supply		220-240V~ 50Hz
Operation control		Auto/Manual startup, error alarm, timer,etc
Protection system		TCO1, TCO2, T&P valve, automatic defrost, surge protector etc.
Electric heater capacity	W	3000
WATER PIPES		
Water inlet temperature	°C	Standard: 55°C, 38°C~65°C
Water side exchanger		Safety condenser,copper tube wrapped around outside of storage tank
Diameter of inlet		DN 20
Diameter of outlet		DN 20
Max. operating pressure	MPa	1.0
EVAPORATOR		
Type of fin		Hydrophilic aluminium, Grooved copper tube
Motor capacity	W	80
Air outlet type		Outlet/inlet vertically, duct connection available
OTHERS FEATURES		
Protection type		T 20 A 250 V c.a
Refrigerant type		R134a (1200 g)
Dimensions		ø 650 mm - 1920 H
Water tank capacity	litres	300
Weight	kg	145.5

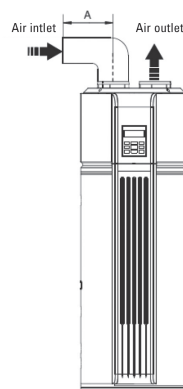
Test conditions: outdoor temperature of 15/12°C (dry bulb / wet bulb), input water temperature 15°C, output water temperature 45°C.



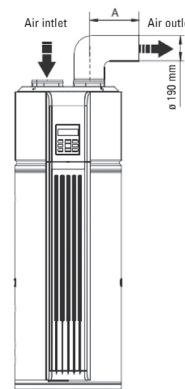
1 Inlet and outlet ducted



2 Inlet ducted



3 Outlet ducted



Max. duct length	A+B < 10 m	A < 10 m	A < 10 m
Location	Heated low volume room (< 20 m²)	Low volume room (< 20 m²) which can be refreshed	Heated high volume room (> 20 m²) (kitchen, bathroom...)
Air inlet and air outlet	<ul style="list-style-type: none"> Air inlet: outdoor air or extracted air (exhaust ventilation) Air outlet: to adjacent room or outdoors 	<ul style="list-style-type: none"> Air inlet: outdoor air or extracted air (exhaust ventilation) Air outlet: in the room (ambient air) 	<ul style="list-style-type: none"> Air inlet: Ambient air Air outlet: To adjacent room or outdoors