2.3. Technical Data

	Unit	200i	270i	300i	200ix	270ix	300ix
Type of Equipment	-	Air/Water Heat Pump for DHW					
DHW Capacity	L	200	270	300	195	265	295
Empty Weight	Kg	60	67	75	62	75	78
Dimensions (ø/height)	-	580/1695	580/1970	650/1860	580/1695	580/1970	650/1860
Storage Water Heater Material	-	Stainless Steel					
Insulation	-	High-density polyurethane 50mm					
Max Running Temperature	ºC	80					
Max Working Pressure	bar	7					
Test Pressure	bar	10					
Heat Loss	kWh/24h	0,99	1,01	1,17	0,99	1,01	1,17
Coil Heat Exchanger (ø / length)	m	NA			0,025 / 10		
Coil Power1	kW	NA			a) 20 | b) 12		
Protection Index	-	IPX1					
Power Supply	-	220-240 Vac / monophasic / 50 Hz					
Absorbed Power (med / max)	W	400/700					
Absorbed Power Electrical Support	W	1500					
Thermal Power Supplied BC	W	1800					
Fan Power	W	65					
Max Running Current	A	3,2 + 6,8 (with backup electrical heater)					
Max DHW Temperature (BC)	ºC	60					
Max DHW Temperature (Backup)	ºC	70					
Refrigerant	-/kg	R 134a / 1,2					
Load Profile	-	L	XL	XL	L	XL	XL
COP[2)]	-	3,72	3,91	3,84	3,72	3,91	3,84
Heating Time[2)]	(HH:mm)	04:36	05:57	05:42	04:36	05:57	05:42
Amount of Useful Water 40°C[2)]	L	251	323	362	245	317	355
Energy Efficiency Class[2)]	-	A++	A++	A++	A++	A++	A++
Energy Efficiency[2)]	%	154	161	160	154	161	160
Annual Electricity Consumption[2)]	kWh/ano	664	1041	1049	664	1041	1049
Ambient Temperature Limits	ºC	-5/40					
Sound Power Level Indoor[3)]	dB(A)	51					
Sound Pressure at 2m	dB(A)	36					
Air Flow	m^3/h	450					
Static Pressure Fan	Pa	80					
Max Ducts Length	m	40					

1) a) Primary circuit (Tin =90 °C; Tout =80 °C); Production DHW (Tin=10 ºC; Tout=60 ºC)
b) Primary circuit (Tin =70 °C; Tout =60 °C); Production DHW (Tin=10 ºC; Tout=60 ºC)
2) A14/W10-54, according EN16147 and Delegated Regulation No. 812/2013
3) According with EN12102