

TECHNICAL SPECIFICATION

Designation	Unit	Alfea Extensa	Alfea Extensa	Alfea Extensa	Alfea Extensa
		Duo A.I 5	Duo A.I 6	Duo A.I 8	Duo A.I 10
PRODUCT CODE		AH526226	AH526227	AH526228	AH526229
Refrigerant		R410A	R410A	R410A	R410A
Heating capacity +7°C/+35°C - floor heating	kW	4.5	6	7.5	10
COP +7°C/+35°C - floor heating		4.52	4.26	4.08	4.02
Heating capacity -7°C/+35°C - floor heating	kW	4.1	4.6	5.7	7.4
COP -7°C/+35°C - floor heating		2.79	2.64	2.56	2.49
Heating capacity +7°C/+45°C - low T° radiators	kW	4.5	5.1	6.2	8.27
COP +7°C/+45°C - low T° radiators		3.44	3.4	3.32	3.27
Heating capacity -7°C/+45°C - low T° radiators	kW	4.1	4.45	5.05	7.4
COP -7°C/+45°C - low T° radiators		2.2	2.18	2.04	2
Heating capacity +7°C/+55°C - radiators	kW	4.5	4.5	5	7
COP +7°C/+55°C - radiators		2.51	2.51	2.58	2.45
Heating capacity -7°C/+55°C - radiators	kW	3.7	3.85	5.2	7
COP -7°C/+55°C - radiators		1.68	1.65	1.56	1.69
Electric back-up heater (standard)	kW	3	3	3	3
Energy Efficiency & Acoustic Characteristics with Outdoor Sensor					
Energy class - heating (35°C/55°C)		A++/A+	A++/A+	A++/A+	A++/A+
Thermal power (35°C/55°C)	kW	04-Apr	05-May	07-Jun	08-Aug
Seasonal energy efficiency - heating (35°C/55°C)	%	171/117	171/117	158/120	157/115
Annual energy consumption - heating (35°C/55°C)	kWh	2160/3027	2510/3183	3379/3891	4430/5422
Sound power level (indoor/outdoor)	dB(A)	46/63	46/63	46/69	46/69
Declared load profile - DHW		L	L	L	L
Energy class - DHW		A+	A+	A+	A+
Annual energy consumption - DHW	kWh	880	880	880	880
Seasonal energy efficiency (%) - DHW	%	120	120	120	120