

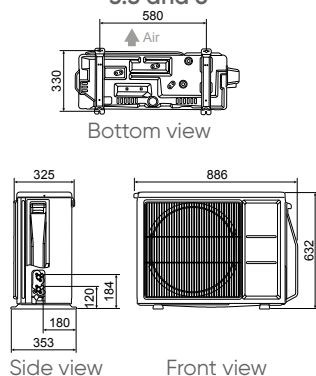
TECHNICAL CHARACTERISTICS AND PERFORMANCES

	UNIT	ALFEA EXTENSA DUO A.I. 3 R32	ALFEA EXTENSA DUO A.I. 5 R32	ALFEA EXTENSA DUO A.I. 6 R32	ALFEA EXTENSA DUO A.I. 8 R32	ALFEA EXTENSA DUO A.I. 10 R32
REFRIGERANT		R32	R32	R32	R32	R32
ENERGY EFFICIENCY & ACOUSTIC CHARACTERISTICS						
Energy class - Heating (35°C/55°C)	-	A+++ / A+	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++
Rated heat power (35°C/55°C)	kW		5 / 5	6 / 5	6/6	9/8
Annual energy consumption - Heating (35°C/55°C)	kWh		2322 / 3035	2594 / 3411	2982 / 3903	3 875 / 5 083
Seasonal energy efficiency - Heating (35°C/55°C)	%	to be confirmed	175 / 125	175 / 125	177 / 128	178 / 130
Seasonal energy efficiency - Heating (35°C/55°C) with outdoor sensor	%		177/127	177/127	179/130	180 / 132
Sound power level (indoor/outdoor) ⁽¹⁾	dB(A)		40 / 57	40 / 57	40 / 60	40 / 62
Declared load profile - DHW	-	L	L	L	L	L
Energy class - DHW	-	A+	A+	A+	A+	A+
Annual energy consumption - DHW	kWh	793	793	793	793	793
Seasonal energy efficiency (%) - DHW	%	130	130	130	130	130
MAIN CHARACTERISTICS						
SCOP 35 °C / 55 °C	-		4.45 / 3.20	4.46 / 3.21	4.5 / 3.28	4.53 / 3.33
Heating capacity +7°C/+35°C – Underfloor Heating	kW	to be confirmed	4.50	5.50	7.50	9.50
COP +7°C/+35°C – Underfloor Heating			4.74	4.65	4.43	4.50
Heating capacity -7°C/+35°C – Underfloor Heating	kW		4.40	5.00	5.70	8.90
COP -7°C/+35°C – Underfloor Heating			2.76	2.63	2.68	2,65
Heating capacity +7°C/+45°C – Low T°radiators	kW		4.50	5.50	7.25	9.25
COP +7°C/+45°C – Low T°radiators			3.39	3.39	3.35	3.40
Heating capacity -7°C/+45°C – Low T°radiators	kW		4.28	4.82	5.58	8.61
COP -7°C/+45°C – Low T°radiator			2.26	2.21	2.17	2.27
Heating capacity +7°C/+55°C – Radiators	kW		4.50	5.50	7.00	9.00
COP +7°C/+55°C – Radiators			2.64	2.67	2.66	2.70
Heating capacity -7°C/+55°C – Radiators	kW		3.90	4.25	5.30	8.00
COP -7°C/+55°C – Radiators			1.85	1.89	1.90	1.95
Additional electric back-up heater	kW		3 / 6	3 / 6	3 / 6	3 / 6
INDOOR HYDRAULIC MODULE						
Noise level ⁽²⁾	dB(A)	to be confirmed	32	32	32	34
Net weight/filled weight ⁽³⁾	kg	143 / 373	143 / 373	143 / 373	143 / 373	145 / 363
Power supply	V/Hz	230 / 50	230 / 50	230 / 50	230 / 50	230 / 50
OUTDOOR UNIT						
Noise level ⁽⁴⁾	dB(A)	to be confirmed	35	35	38	38
Operating weight	kg	39	43	43	46	62
REFRIGERANT CHARACTERISTICS						
Min./max. length	m	3 / 30	3 / 30	3 / 30	3 / 30	3 / 30
Max. difference in height	m	20	20	20	20	20
R32 factory load	g	970	970	970	1 020	1 630
Quantity of refrigerant in tons of CO ₂ equivalent	t	0,65	0,65	0,65	0.69	1.10

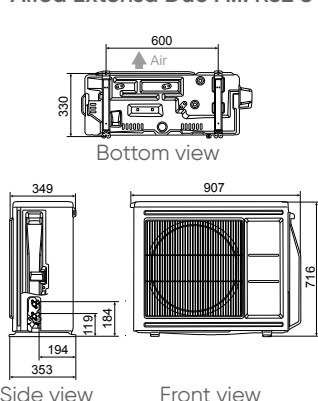
(1) Sound power level is a laboratory measurement of the sound power emitted by the product, but it does not correspond to the sound perceived. Used by acoustics specialists, it allows to measure the sound pressure level of the product in its working environment. - (2) Acoustic pressure at 1m from HP, 1,5 m height, open field, directivity 2. - (3) Models with electric back-up. - (4) Acoustic pressure at 5m from HP, 1,5 m height, open field, directivity 2.

INSTALLATION DIMENSIONS (mm)

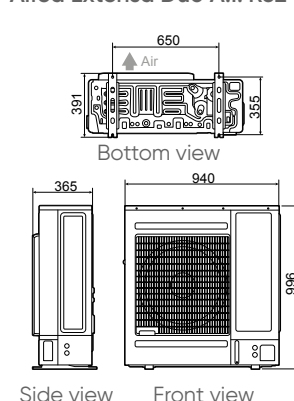
Outdoor Inverter unit
Alfea Extensa Duo A.I. R32
3.5 and 6



Outdoor Inverter unit
Alfea Extensa Duo A.I. R32 8



Outdoor Inverter unit
Alfea Extensa Duo A.I. R32 10



Indoor hydraulic
module

