

Daikin Altherma 3 High Capacity Monobloc

Outdoor Unit			Single Phase			
Description			EDLA09D3V3	EDLA11D3V3	EDLA14D3V3	EDLA16D3V3
Function			Class 9	Class 11	Class 14	Class 16
Heating Only			Heating Only	Heating Only	Heating Only	Heating Only
Dimensions ⁽¹⁾	Height x Width x Depth	mm	870 x 1380 x 460	870 x 1380 x 460	870 x 1380 x 460	870 x 1380 x 460
Weight		kg	149	149	149	149
Nominal capacity	Heating (a/b)	kW	9.37/9.00	10.6/9.82	12.0/12.5	16.0/16.0
	Cooling	kW	-	-	-	-
Nominal input	Heating (a/b)	kW	1.91/2.43	2.18/2.68	2.46/3.42	3.53/4.56
COP	Heating (a/b)		4.91/3.71	4.83/3.66	4.87/3.64	4.53/3.51
Seasonal space heating efficiency	Space heating (Average climate) 35°C	Class	A+++	A+++	A+++	A+++
		Efficiency	186	182	182	182
		SCOP	4.72	4.64	4.62	4.62
	Space heating (Average climate) 55°C	Class	A++	A++	A++	A++
		Efficiency	133	130	132	130
		SCOP	3.39	3.32	3.37	3.33
EER	Cooling		-	-	-	-
Operation range	Heating	°C	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35
	Cooling	°C	-	-	-	-
	Hot water	°C	-25 ~ 35	-25 ~ 35	-25 ~ 35	-25 ~ 35
Sound power level	Heating	dBA	62	62	62	62
Refrigerant charge (factory)	R32	kg	3.8	3.8	3.8	3.8
Power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz
Recommended fuses	Outdoor unit	A	32	32	32	32
Pump	No. of speeds		Inverter controller	Inverter controller	Inverter controller	Inverter controller
Expansion vessel volume		litres	8	8	8	8
Water connections (diameter)		inch	1" (male)	1" (male)	1" (male)	1" (male)
Minimum water volume		litres	20	20	20	20
Minimum flow rate	Cooling/Heating above 5°C	l/min	20	20	20	20
	Heating below -5°C	l/min	22	22	22	22
	Hot water	l/min	28	28	28	28
Maximum piping distance to tank		m	10	10	10	10
Maximum level difference		m	5	5	5	5

Nominal capacity and nominal input tested according to EN 14511 at the following conditions:

Heating a: Ambient air temperature 7°C and leaving water temperature 35°C (A7 W35)

Heating b: Ambient air temperature 7°C and leaving water temperature 45°C (A7 W45)

Cooling: Ambient air temperature 35°C and leaving water temperature 7°C (A35 W7)

Sound pressure level measured at 1m from the unit

⁽¹⁾ Excludes aesthetic grill