

R-32 BLUEVOLUTION

Single Phase ERLA-DV3

Three Phase ERLA-DW1

Low Temperature R-Split Heat Pump (11-16 Class)



Outdoor Units			Single Phase			Three Phase		
			ERLA11DV3	ERLA14DV3	ERLA16DV37	ERLA11DW1	ERLA14DW1	ERLA16DW17
Description			Class 11	Class 14	Class 16	Class 11	Class 14	Class 16
Trade Unit Price			£3,427.00	£3,948.00	£4,316.00	£3,760.00	£4,336.00	£4,738.00
Dimensions	Height x Width x Depth	mm	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460
Weight		kg	101	101	101	101	101	101
Nominal capacity	Heating (a/b)	kW	10.60 / 9.82	12.00 / 12.50	16.00 / 16.00	10.60 / 9.82	12.00 / 12.50	16.00 / 16.00
	Cooling (a/b)	kW	11.20 / 12.00	13.10 / 13.30	13.80 / 15.90	11.20 / 12.00	13.10 / 13.30	13.80 / 15.90
Nominal input	Heating (a/b)	kW	2.18/2.68	2.46/3.42	3.53/4.56	2.18/2.68	2.46/3.42	3.53/4.56
	Cooling (a/b)	kW	3.43/2.52	4.32/2.86	4.68/3.82	3.43/2.52	4.32/2.86	4.68/3.82
COP	Heating (a/b)		4.83/3.66	4.87/3.64	4.53/3.51	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+++	A+++	A+++
		Efficiency	182	181	181	182	181	181
		SCOP	4.63	4.60	4.61	4.63	4.60	4.61
	Space heating (Average climate) 55°C	Class	A++	A++	A++	A++	A++	A++
		Efficiency	126	126	130	126	126	130
		SCOP	3.23	3.22	3.32	3.23	3.22	3.32
EER	Cooling		4.75	4.66	4.16	4.75	4.66	4.16
Operation range	Heating	°C	-25~35	-25~35	-25~35	-25~35	-25~35	-25~35
	Cooling	°C	10~43	10~43	10~43	10~43	10~43	10~43
	Hot water	°C	-25~35	-25~35	-25~35	-25~35	-25~35	-25~35
Sound pressure / power level	Heating	dBa	48 / 62	48 / 62	48 / 62	48 / 62	48 / 62	48 / 62
	Cooling	dBa	48 / 62	48 / 62	48 / 62	48 / 62	48 / 62	48 / 62
Refrigerant charge	R-32	kg	3.8	3.8	3.8	3.8	3.8	3.8
Piping connections	Liquid	inches (mm)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)
	Gas	inches (mm)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)	5/8 (15.9)
Max piping length OU to IU		m	50	50	50	50	50	50
Min pipe length OU to IU		m	3	3	3	3	3	3
Power supply			1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	1-phase / 230V / 50Hz	3-phase / 400V / 50Hz	3-phase / 400V / 50Hz	3-phase / 400V / 50Hz
Recommended fuses			A 32	32	32	16	16	16
SAP ID (Heating only combination)			58°C / 55°C / 45°C / 35°C	106010 / 106007 / 106008 / 106009	106154 / 106151 / 106152 / 106153	TBC	TBC	TBC
SAP ID (Integrated combination)			58°C / 55°C / 45°C / 35°C	106170 / 106167 / 106168 / 106169	106178 / 106175 / 106176 / 106177	TBC	TBC	TBC
SAP ID (Reversible combination)			58°C / 55°C / 45°C / 35°C	106194 / 106191 / 106192 / 106193	106202 / 106199 / 106200 / 106201	TBC	TBC	TBC

* When combined with matching indoor unit

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

Features:

- ✓ This split system consists of an outdoor unit and an indoor hydrobox wall mounted as integrated floor standing that can be connected to all standard low temperature radiators and underfloor heating systems
- ✓ All models have extra features to withstand severe winter conditions

Notes:

- i) Some units are available on special request with Blygold treatment to offer additional protection in coastal environments. Please contact your local sales office for further information