

EcoSeries

Outdoor Air-Source Heat Pumps

Model - LA AS

Model	LA 20 AS	LA 24 AS	LA 28 AS	LA 40 AS
Connection Voltage	400	400	400	400
Maximum Flow Temperature (°C)	55	55	55	55
Heat output A7/W35 (kW)				
1 Compressor	9.8	13.1	14.2	20.2
2 Compressors	16.6	24.8	25.8	36.3
CoP A7/W35				
1 Compressor	3.2	3.4	3.1	4.7
2 Compressors	3.1	3.6	3.4	4.5
Heating Water Supply/Return °C	Max 55 / Min 18			
Air °C	-20 to +35			
Heating capacity A7/W35 (kW)¹				
1 Compressor	9.8	13.1	14.2	20.2
2 Compressors	16.6	24.8	25.8	36.3
Coefficient of Performance A7/W35¹				
1 Compressor	3.2	3.4	3.1	4.7
2 Compressors	3.1	3.6	3.4	4.5
Minimum Heating Flow @ Internal Pressure Differential m ³ /h / Pa	1.8 / 3700	2.3 / 5900	2.3 / 3100	4.0 / 1700
Sound Pressures Level at 10m dB (A)	37	41	41	43
Refrigerant: Type/Total Charge Weight (kg)	R404A / 3.7	R404A / 4.2	R404A / 4.2	R404A / 11.8
Height	1570mm	1710mm	1710mm	2100mm
Width	1550mm	1680mm	1680mm	1735mm
Depth	850mm	1000mm	1000mm	890mm
Weight (Including Packaging) (kg)	284	351	355	585
Nominal Voltage / Fuse Rating (V/A)	400 / 20	400 / 25	400 / 25	400 / 25
Starting Current With Soft Starter (A)	23	24	25	30

* The specified values have the following meaning, e.g. A+2/W35: heat source temperature +2 °C, heat outlet temperature 35 °C.

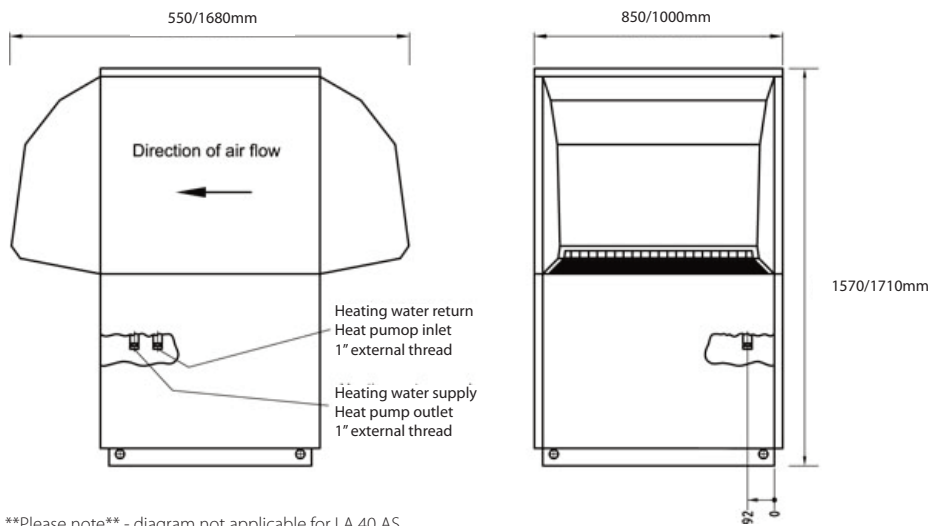
** Please note that additional space is required for pipe connections, operation and maintenance.

¹Performance standards measured to EN255

Page 1 of 2

EcoSeries

Outdoor Air-Source Heat Pumps Model - LA AS



Please note - diagram not applicable for LA 40 AS

NOBO Heating UK Limited

Head Office:

Unit 15, Gravelly Industrial Park
Tyburn Road, Erdington
Birmingham B24 8HZ
Telephone: 0121 328 5671
Facsimile: 0121 327 8580

Regional Offices:

London & South East
South West
North West
Midlands
Scotland & North East

E-mail: info@noboheatinguk.com
Website: www.noboheatinguk.com

Regional contact details are available online
or by calling Head Office on: 0121 328 5671