

EcoSeries

Ground-Source Heat Pumps

Model - SI ME

Model number		SI 5ME	SI 7ME	SI 9ME	SI 11ME	SI 14ME
Temperature operating limits for heating water		Up to 55°C	Up to 55°C	Up to 55°C	Up to 55°C	Up to 55°C
Temperature operating limits for brine		-5 °C to 25 °C	-5 °C to 25 °C	-5 °C to 25 °C	-5 °C to 25 °C	-5 °C to 25 °C
Heat output / COP at B0/W50*	kW/-	4,80 / 2,70	6,20 / 2,70	8,80 / 2,70	10,50 / 2,60	14,20 / 2,80
Heat output / COP at B0/W35*	kW/-	4,90 / 3,90	6,40 / 3,80	9,20 / 4,00	11,00 / 4,00	14,50 / 4,00
Electrical nominal power consumption at B0/W35	kW	1,25	1,68	2,32	2,75	3,62
Refrigerant R407C	kg	0,90	0,90	1,25	1,25	1,50
Flow rate (heat source) at ext. pressure differential	m ³ /h / Pa	1.2 / 16000	1.7 / 29500	2.3 / 25000	3.0 / 24000	3.0 / 20000
Heating water flow rate with an int. pressure differential of	m ³ /h / Pa	0.45 / 1900	0.60 / 3300	0.75 / 2300	1.00 / 4100	1.00 / 4800
Dimensions (W x D x H)**	mm	650 x 462 x 805	650 x 462 x 805	650 x 462 x 805	650 x 462 x 805	650 x 462 x 805
Weight (incl. packing)	kg	109	111	118	122	130
Control voltage	V	230	230	230	230	230
Supply voltage		1/N/PE~230V, 50Hz	1/N/PE~230V, 50Hz	1/N/PE~230V, 50Hz	1/N/PE~230V, 50Hz	1/N/PE~230V, 50Hz
Starting current with soft starter	A	24 SA	24 SA	38 SA	38 SA	50 SA
Fuse	A	16	16	20	25	32
Device connections for heating		1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Device connections for heat source		1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"

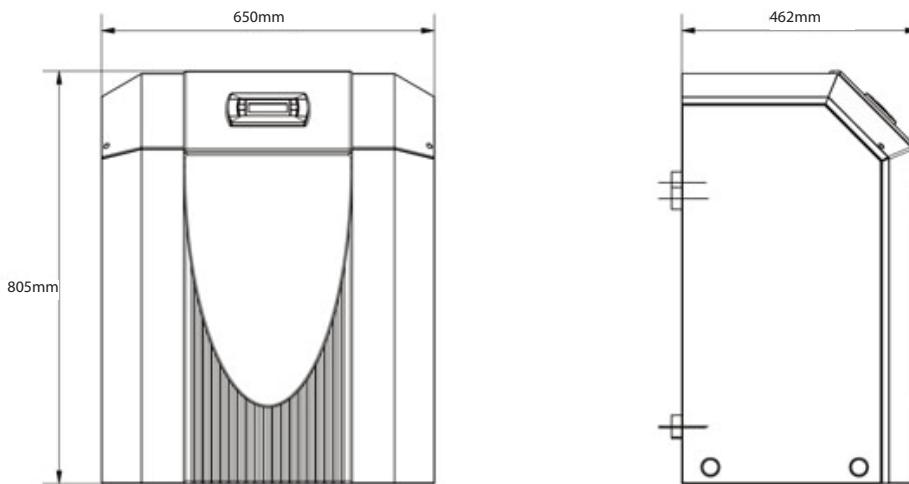
* The specified values have the following meaning, e.g. B0/W35: heat source temperature 0°C, heat outlet temperature 35°C.

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

EcoSeries

Ground-Source Heat Pumps

Model - SI ME



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