

## Amicus air to water heat pumps

### Key features Include:

- Integral EVI compressor
- COP up to 4.4
- Low noise levels

		<b>Model</b>
		<b>LAHP-502HT</b>
Refrigerant		R410A
<b>EFFICIENCY DATA -Part L2</b>		
Heating Capacity (EN14511) <sup>1</sup>	kW	52.8
Total Power input (EN14511) <sup>1</sup>	kW	12.69
COP (EN14511) <sup>1</sup>	W/W	4.16
<b>EFFICIENCY DATA -ErP and Energy Label</b>		
EcoDesign Energy Label Rating	LT/HT	A+/A+
Seasonal Efficiency Low temperature	%	141
Seasonal Efficiency High temperature	%	121
SCOP Low Temperature		3.60
SCOP High Temperature		3.11
<b>GENERAL</b>		
Power supply	V/Ph/Hz	415/3+N/50
Maximum input current standard unit	A	39.3
Peak current standard unit	A	148.7
Fans	n°	1
Compressors/Circuits	n°	2/1
Sound power level	dB(A)	74
Sound pressure level	dB(A)	44
<b>DIMENSIONS</b>		
Height	mm	1822
Length	mm	2210
Depth	mm	1300
Weight	Kg	490

1-Ambient air +7 heating 30/35

**Amicus air to water heat pumps** must be installed and maintained in line with the Installation Commissioning and Maintenance Instructions which are available on the Literature & Downloads section of [www.lochinvar.ltd.uk](http://www.lochinvar.ltd.uk)

Particular attention should be made to:-

- Dimensions and clearances page 25 and 73
- Unit start up page 46
- Water quality page 28

### ErP and Warranty

ErP Data including Product Fiche and Energy Labels where applicable and Warranty information are also available at [www.lochinvar.ltd.uk](http://www.lochinvar.ltd.uk)