

Amicus air to water heat pumps

Key features Include:

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

		Model
		LAHP-452HT
Refrigerant		R410A
EFFICIENCY DATA -Part L2		
Heating Capacity (EN14511) ¹	kW	41.8
Total Power input (EN14511) ¹	kW	10
COP (EN14511) ¹	W/W	4.18
EFFICIENCY DATA -ErP and Energy Label		
EcoDesign Energy Label Rating	LT/HT	A+/A+
Seasonal Efficiency Low temperature	%	140
Seasonal Efficiency High temperature	%	117
SCOP Low Temperature		3.56
SCOP High Temperature		3.01
GENERAL		
Power supply	V/Ph/Hz	415/3+N/50
Maximum input current standard unit	A	34.1
Peak current standard unit	A	119.1
Fans	n ^o	1
Compressors/Circuits	n ^o	2/1
Sound power level	dB(A)	72
Sound pressure level	dB(A)	44
DIMENSIONS		
Height	mm	1822
Length	mm	2210
Depth	mm	1300
Weight	Kg	450

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

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