

# TECHNICAL PRODUCT SUBMITTAL



## Amicus Air to Water Heat Pumps

Key features include:

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

**Model**  
**LAHP-1202HT**

Refrigerant		R410A
Heating Capacity (EN14511)1	kW	110.5
Total Power input (EN14511)1	kW	26.3
<b>EFFICIENCY DATA-Building regulations</b>		
COP (EN14511)1	W/W	4.2
<b>EFFICIENCY DATA-ErP</b>		
EcoDesign Energy Label Rating	LT/HT	A++/A+
Seasonal Efficiency Low temperature	%	151.1
Seasonal Efficiency High temperature	%	124.6
SCOP Low Temperature		3.852
SCOP High Temperature		3.19
<b>ELECTRICAL DATA</b>		
Power supply	V/Ph/Hz	415/3+N/50
Running current standard unit	A	79
Peak current standard unit (at start-up)	A	225
Peak current with soft start option	A	138
<b>GENERAL DATA</b>		
Fans	no	2
Compressors/Circuits	no	2/1
Sound power level	dB(A)	79
Sound pressure level	dB(A)	51
<b>DIMENSIONS</b>		
Height	mm	1839
Width	mm	1145
Depth	mm	2905
Weight	Kg	900

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)