

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-2004HT

Refrigerant		R410A
Heating Capacity (EN14511)1	kW	183
Total Power input (EN14511)1	kW	42.7
EFFICIENCY DATA-Building regulations		
COP (EN14511)1	W/W	4.28
EFFICIENCY DATA-ErP		
EcoDesign Energy Label Rating	LT/HT	A+/A+
Seasonal Efficiency Low temperature	%	126.6
Seasonal Efficiency High temperature	%	106
SCOP Low Temperature		3.241
SCOP High Temperature		2.726
ELECTRICAL DATA		
Power supply	V/Ph/Hz	415/3+N/50
Running current standard unit	A	148
Peak current standard unit (at start-up)	A	287
Peak current with soft start option	A	175
GENERAL DATA		
Fans	no	6
Compressors/Circuits	no	4/2
Sound power level	dB(A)	80
Sound pressure level	dB(A)	52
DIMENSIONS		
Height	mm	1960
Width	mm	2290
Depth	mm	3905
Weight	Kg	2200

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