

RANGE

AMICUS AIR TO WATER HEAT PUMPS

Model LAHP-20HT

EFFICIENCY DATA -Part L2

Heating Capacity (EN14511) ¹	kW	19
Total Power input (EN14511) ¹	kW	4.50
COP (EN14511) ¹	W/W	4.2

EFFICIENCY DATA -ErP and Energy Label

Energy Label Rating Low temperature		A++
SCOP Low Temperature		4.02
Seasonal Efficiency Low temperature	%	157.8
Energy Label Rating High temperature		A++
SCOP High Temperature		3.42
Seasonal Efficiency High temperature	%	133.8

GENERAL

Refrigerant		R410A
Power supply	V/Ph/Hz	415/3+N/50
Maximum input current standard unit	A	15
Peak input current standard unit	A	15
Fans	no	2
Compressors/refrigerant circuits	no	1 E.V.I. DC inverter
Sound power level 2	dB(A)	67
Sound pressure level 3	dB(A)	35.5
Flow/Return connections	inch	1"
Nominal flow rate	L/sec	0.87
Minimum water content in the user circuit	litre	200

DIMENSIONS

Height	mm	1450
Length	mm	1402
Depth	mm	650
Weight	Kg	270

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 72
- 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