

AMICUS LAHP-1802LT PRODUCT FICHE

According regulations 811/2013 and 812/2013

Model		LAHP-1802LT	
Energy class	N/A		
Air-to-water heat pump	Yes		
Low-temperature heat pump	Yes		
Supplementary heater	No		
Heat pump combination heater	No		
Item	Symbol	Value	Units of measurement
Rated heat output	Prated	110.1	[kW]
Tj = -7 [°C]	Pdh	97.37	[kW]
Tj = 2 [°C]	Pdh	71.48	[kW]
Tj = 7 [°C]	Pdh	85.93	[kW]
Tj = 12 [°C]	Pdh	97.86	[kW]
Tj = -7 [°C]	Pdh	97.37	[kW]
Tj = -9 [°C]	Pdh	90.36	[kW]
Tbivalent	Tbiv	-7	[°C]
Cycling interval capacity for heating	Pcych	-	[kW]
Degradation coefficient	Cdh	0.9475	[-]
Power consumption in off mode	Poff	0.02	[kW]
Power consumption in thermostat-off mode	Pto	0.5386	[kW]
Power consumption in standby mode	Psb	0.02	[kW]
Power consumption in crankcase heater mode	Pck	0.2	[kW]
Capacity control		Step	
Sound power level, indoor/outdoor measured	Lwa	0/87	[dB(A)]
Emissions of nitrogen oxides	NOx	0	[mg/kWh]
Seasonal space heating energy efficiency	ηs	150.900	[%]
Tj = -7 [°C]	COPd	2.385	[-]
Tj = 2 [°C]	COPd	3.797	[-]
Tj = 7 [°C]	COPd	5.543	[-]
Tj = 12 [°C]	COPd	6.924	[-]
Tj = -7 [°C]	COPd	2.385	[-]
Tj = -9 [°C]	COPd	2.180	[-]
Operation limit temperature	TOL	-16	[°C]
Cycling interval efficiency	COPcyc	-	[-]
Heating water operating limit temperature	WTOL	60	[°C]
Air flow rate		57267	[m ³ /h]
Heating energy demand		154373	[kWh]
Total electrical consumption		40123	[kWh]
SCOP		3.848	[-]
Climatic condition		Average	

ErP product fiche_LAHP-1802LT_September 2019

