

AMICUS LAHP-602LT PRODUCT FICHE

According regulations 811/2013 and 812/2013

Model		LAHP-602LT	
Energy class	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	39.44	[kW]
Tj = -7 [°C]	Pdh	34.89	[kW]
Tj = 2 [°C]	Pdh	28.99	[kW]
Tj = 7 [°C]	Pdh	34.64	[kW]
Tj = 12 [°C]	Pdh	38.74	[kW]
Tj = -7 [°C]	Pdh	34.89	[kW]
Tj = -9 [°C]	Pdh	32.7	[kW]
Tbivalent	Tbiv	-7	[°C]
Cycling interval capacity for heating	Pcych	-	[kW]
Degradation coefficient	Cdh	0.9237	[-]
Power consumption in off mode	Poff	0.02	[kW]
Power consumption in thermostat-off mode	Pto	0.2054	[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	0/76	[dB(A)]
Emissions of nitrogen oxides	NOx	0	[mg/kWh]
Seasonal space heating energy efficiency	ηs	162.000	[%]
Tj = -7 [°C]	COPd	2.545	[-]
Tj = 2 [°C]	COPd	4.332	[-]
Tj = 7 [°C]	COPd	5.955	[-]
Tj = 12 [°C]	COPd	7.132	[-]
Tj = -7 [°C]	COPd	2.545	[-]
Tj = -9 [°C]	COPd	2.341	[-]
Operation limit temperature	TOL	-16	[°C]
Cycling interval efficiency	COPcyc	-	[-]
Heating water operating limit temperature	WTOL	60	[°C]
Air flow rate		17189	[m ³ /h]
Heating energy demand		55333	[kWh]
Total electrical consumption		13414	[kWh]
SCOP		4.125	[-]
Climatic condition		Average	

ErP product fiche_LAHP-602LT_September 2019

