

AMICUS LAHP-602WW PRODUCT FICHE

According regulations 811/2013 and 812/2013

Model		LAHP-602WW	
Energy class	A++		
Water-to-water heat pump	Yes		
Low-temperature heat pump	No		
Supplementary heater	No		
Heat pump combination heater	No		
			Low Temperature
Item	Symbol	Value	Units of measurement
Rated heat output	Prated	72.68	[kW]
Tj = -7 [°C]	Pdh	64.29	[kW]
Tj = 2 [°C]	Pdh	39.13	[kW]
Tj = 7 [°C]	Pdh	34.2	[kW]
Tj = 12 [°C]	Pdh	34.48	[kW]
Tj = -7 [°C]	Pdh	64.29	[kW]
Tbivalent	Tbiv	-7	[°C]
Cycling interval capacity for heating	Pcyc	-	[kW]
Degradation coefficient	Cdh	0.8965	[-]
Power consumption in off mode	Poff	0.02	[kW]
Power consumption in thermostat-off mode	Pto	0.385	[kW]
Power consumption in standby mode	Psb	0.02	[kW]
Power consumption in crankcase heater mode	Pck	0.132	[kW]
Capacity control		Step	
Sound power level, indoor/outdoor measured	Lwa	0/0	[dB(A)]
Emissions of nitrogen oxides	NOx	0	[mg/kWh]
Seasonal space heating energy efficiency	ηs	228.200	[%]
Tj = -7 [°C]	COPd	5.910	[-]
Tj = 2 [°C]	COPd	6.300	[-]
Tj = 7 [°C]	COPd	6.604	[-]
Tj = 12 [°C]	COPd	6.860	[-]
Tj = -7 [°C]	COPd	5.910	[-]
Cycling interval efficiency	COPcyc	-	[-]
Heating water operating limit temperature	WTOL	80	[°C]
Rated water flow rate		15.25	[m³/h]
Heating energy demand		101748	[kWh]
Total electrical consumption		17228	[kWh]
SCOP		5.906	[-]
Climatic condition		Average	

ErP product fiche_LAHP-602WW_September 2019



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Model		LAHP-602WW	
Energy class	A++		
Water-to-water heat pump	Yes		
Low-temperature heat pump	No		
Supplementary heater	No		
Heat pump combination heater	No		
			High Temperature
Item	Symbol	Value	Units of measurement
Rated heat output	Prated	66.37	[kW]
Tj = -7 [°C]	Pdh	58.72	[kW]
Tj = 2 [°C]	Pdh	35.74	[kW]
Tj = 7 [°C]	Pdh	32.78	[kW]
Tj = 12 [°C]	Pdh	33.45	[kW]
Tj = -7 [°C]	Pdh	58.72	[kW]
Tbivalent	Tbiv	-7	[°C]
Cycling interval capacity for heating	Pcych	-	[kW]
Degradation coefficient	Cdh	0.9342	[-]
Power consumption in off mode	Poff	0.02	[kW]
Power consumption in thermostat-off mode	Pto	0.2175	[kW]
Power consumption in standby mode	Psb	0.02	[kW]
Power consumption in crankcase heater mode	Pck	0.132	[kW]
Capacity control		Step	
Sound power level, indoor/outdoor measured	Lwa	0/0	[dB(A)]
Emissions of nitrogen oxides	NOx	0	[mg/kWh]
Seasonal space heating energy efficiency	ηs	183.200	[%]
Tj = -7 [°C]	COPd	3.938	[-]
Tj = 2 [°C]	COPd	5.021	[-]
Tj = 7 [°C]	COPd	5.667	[-]
Tj = 12 [°C]	COPd	6.268	[-]
Tj = -7 [°C]	COPd	3.938	[-]
Cycling interval efficiency	COPcyc	-	[-]
Heating water operating limit temperature	WTOL	80	[°C]
Rated water flow rate		12.13	[m³/h]
Heating energy demand		92923	[kWh]
Total electrical consumption		19436	[kWh]
SCOP		4.781	[-]
Climatic condition		Average	