

AMICUS LAHP-902WW PRODUCT FICHE

According regulations 811/2013 and 812/2013

Model		LAHP-902WW	
Energy class	N/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	111.1	[kW]
Tj = -7 [°C]	Pdh	98.26	[kW]
Tj = 2 [°C]	Pdh	59.81	[kW]
Tj = 7 [°C]	Pdh	52.28	[kW]
Tj = 12 [°C]	Pdh	52.77	[kW]
Tj = -7 [°C]	Pdh	98.26	[kW]
Tbivalent	Tbiv	-7	[°C]
Cycling interval capacity for heating	Pcych	-	[kW]
Degradation coefficient	Cdh	0.9115	[-]
Power consumption in off mode	Poff	0.02	[kW]
Power consumption in thermostat-off mode	Pto	0.519	[kW]
Power consumption in standby mode	Psb	0.02	[kW]
Power consumption in crankcase heater mode	Pck	0.164	[kW]
Capacity control		Step	
Sound power level, indoor/outdoor measured	Lwa	0/78	[dB(A)]
Emissions of nitrogen oxides	NOx	0	[mg/kWh]
Seasonal space heating energy efficiency	ηs	226.000	[%]
Tj = -7 [°C]	COPd	5.697	[-]
Tj = 2 [°C]	COPd	6.136	[-]
Tj = 7 [°C]	COPd	6.558	[-]
Tj = 12 [°C]	COPd	6.787	[-]
Tj = -7 [°C]	COPd	5.697	[-]
Cycling interval efficiency	COPcyc	-	[-]
Heating water operating limit temperature	WTOL	80	[°C]
Rated water flow rate		23.04	[m ³ /h]
Heating energy demand		155504	[kWh]
Total electrical consumption		26581	[kWh]
SCOP		5.85	[-]
Climatic condition		Average	

ErP product fiche_LAHP-902WW_September 2019



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Model		LAHP-902WW	
Energy class	N/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	103.1	[kW]
Tj = -7 [°C]	Pdh	91.19	[kW]
Tj = 2 [°C]	Pdh	55.51	[kW]
Tj = 7 [°C]	Pdh	50.09	[kW]
Tj = 12 [°C]	Pdh	51.09	[kW]
Tj = -7 [°C]	Pdh	91.19	[kW]
Tbivalent	Tbiv	-7	[°C]
Cycling interval capacity for heating	Pcych	-	[kW]
Degradation coefficient	Cdh	0.9451	[-]
Power consumption in off mode	Poff	0.02	[kW]
Power consumption in thermostat-off mode	Pto	0.2941	[kW]
Power consumption in standby mode	Psb	0.02	[kW]
Power consumption in crankcase heater mode	Pck	0.164	[kW]
Capacity control		Step	
Sound power level, indoor/outdoor measured	Lwa	0/78	[dB(A)]
Emissions of nitrogen oxides	NOx	0	[mg/kWh]
Seasonal space heating energy efficiency	η_s	178.700	[%]
Tj = -7 [°C]	COPd	3.836	[-]
Tj = 2 [°C]	COPd	4.822	[-]
Tj = 7 [°C]	COPd	5.466	[-]
Tj = 12 [°C]	COPd	6.089	[-]
Tj = -7 [°C]	COPd	3.836	[-]
Cycling interval efficiency	COPcyc	-	[-]
Heating water operating limit temperature	WTOL	80	[°C]
Rated water flow rate		18.71	[m ³ /h]
Heating energy demand		144320	[kWh]
Total electrical consumption		30926	[kWh]
SCOP		4.667	[-]
Climatic condition		Average	