

VITOCAL 100-A

AWO-AC-AF 101.A14, AWO-AC-AF 101.A16, AWO-AC-AF 101.A18, AWO-M-AC-AF 101.A06, AWO-M-AC-AF 101.A08, AWO-M-AC-AF 101.A10, AWO-M-AC-AF 101.A12, AWO-M-AC-AF 101.A14, AWO-M-AC-AF 101.A16

The product data specified meets the requirements of EU Regulations 811/2013 and 813/2013.

Product Data	Symbol	Unit	AWO-AC-AF 101.A14	AWO-AC-AF 101.A16	AWO-AC-AF 101.A18	AWO-M-A C-AF 101.A06	AWO-M-A C-AF 101.A08	AWO-M-A C-AF 101.A10	AWO-M-A C-AF 101.A12	AWO-M-A C-AF 101.A14	AWO-M-A C-AF 101.A16
Seasonal space heating energy efficiency, medium-temperature application			A++	A++	A++	A++	A++	A++	A++	A++	A++
Rated heat output, medium-temperature application, Average climate conditions	P_{rated}	kW	12	13	14	7	7	9	10	12	13
Supplementary heater Rated heat output, Average climate conditions	P_{sup}	kW	-	-	-	-	-	-	-	-	-
Seasonal space heating energy efficiency, medium-temperature application, Average climate conditions	η_s	%	130	126	131	126	128	135	131	130	126
Annual energy consumption	Q_{HE}	kWh	7260	8359	8659	4191	4496	5464	5942	7260	8359
sound power level indoors	L_{WA}	dB	-	-	-	-	-	-	-	-	-

For all special precautions to be taken during assembly, installation or maintenance of the space heater, see the service and installation instructions.

Product Data	Symbol	Unit	AWO-AC -AF 101.A14	AWO-AC -AF 101.A16	AWO-AC -AF 101.A18	AWO-M- AC-AF 101.A06	AWO-M- AC-AF 101.A08	AWO-M- AC-AF 101.A10	AWO-M- AC-AF 101.A12	AWO-M- AC-AF 101.A14	AWO-M- AC-AF 101.A16
Rated heat output, medium-temperature application, Colder climate conditions	P_{rated}	kW	15	16	17	8	9	11	12	15	16
Rated heat output, medium-temperature application, Warmer climate conditions	P_{rated}	kW	12	14	15	6	7	9	10	12	14
Supplementary heater Rated heat output, Colder climate conditions	P_{sup}	kW	-	-	-	-	-	-	-	-	-
Supplementary heater Rated heat output, Warmer climate conditions	P_{sup}	kW	-	-	-	-	-	-	-	-	-
Seasonal space heating energy efficiency, medium-temperature application, Warmer climate conditions	η_s	%	173	172	163	153	155	150	156	173	172
Seasonal space heating energy efficiency, medium-temperature application, Colder climate conditions	η_s	%	107	110	108	92	108	103	108	107	110
Annual energy consumption, medium-temperature application, Warmer climate conditions	Q_{HE}	kWh	3774	4193	4683	2155	2247	3204	3434	3774	4193
Annual energy consumption, medium-temperature application, Colder climate conditions	Q_{HE}	kWh	13132	13817	14996	8785	7861	10704	10688	13132	13817
Sound power level, indoors	L_{WA}	dB	68	68	68	64	64	64	65	68	68



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The product data specified meets the requirements of EU Regulations 811/2013 and 813/2013.

Product Data	AWO-AC-AF 101.A14	AWO-AC-AF 101.A16	AWO-AC-AF 101.A18	AWO-M-A C-AF 101.A06	AWO-M-A C-AF 101.A08	AWO-M-A C-AF 101.A10	AWO-M-A C-AF 101.A12	AWO-M-A C-AF 101.A14	AWO-M-A C-AF 101.A16
Operating mode	Air/Water	Air/Water	-	Air/Water	Air/Water	Air/Water	Air/Water	Air/Water	Air/Water
Mark Master/Slave Heat pump	Master	Master	Master	Master	Master	Master	Master	Master	Master
Equipped with a supplementary heater	No	No	No	No	No	No	No	No	No
Heat pump combination heater	No	No	No	No	No	No	No	No	No
Seasonal space heating energy efficiency, medium-temperature application	A++	A++	A++	A++	A++	A++	A++	A++	A++
Seasonal space heating energy efficiency, Low-temperature application	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++
Water heating energy efficiency classes	-	-	-	-	-	-	-	-	-

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Rated heat output, medium-temperature application, Average climate conditions	P_{rated}	kW	12	13	14	7	7	9	10	12	13
Rated heat output, medium-temperature application, Colder climate conditions	P_{rated}	kW	15	16	17	8	9	11	12	15	16
Rated heat output, medium-temperature application, Warmer climate conditions	P_{rated}	kW	12	14	15	6	7	9	10	12	14
Rated heat output, Low-temperature application, Average climate conditions	P_{rated}	kW	12	14	15	7	7	9	10	12	14
Rated heat output, Low-temperature application, Colder climate conditions	P_{rated}	kW	15	16	18	9	7	10	12	15	16
Rated heat output, Low-temperature application, Warmer climate conditions	P_{rated}	kW	13	14	15	6	9	10	10	13	14
Seasonal space heating energy efficiency, medium-temperature application, Average climate conditions	η_s	%	130	126	131	126	128	135	131	130	126
seasonal coefficient of performance, medium-temperature application, Average climate conditions	SCOP		3,31	3,22	3,36	3,21	3,27	3,45	3,36	3,31	3,22
Seasonal space heating energy efficiency, medium-temperature application, Colder climate conditions	η_s	%	107	110	108	92	108	103	108	107	110
Seasonal space heating energy efficiency, medium-temperature application, Warmer climate conditions	η_s	%	173	172	163	153	155	150	156	173	172
Seasonal space heating energy efficiency, Low-temperature application, Average climate conditions	η_s	%	176	177	175	175	176	178	176	176	177
seasonal coefficient of performance, Low-temperature application, Average climate conditions	SCOP		4,48	4,49	4,46	4,46	4,46	4,53	4,47	4,48	4,49
Seasonal space heating energy efficiency, Low-temperature application, Colder climate conditions	η_s	%	135	133	130	130	130	132	130	135	133
Seasonal space heating energy efficiency, Low-temperature application, Warmer climate conditions	η_s	%	233	233	220	210	207	210	210	233	233

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The product data specified meets the requirements of EU Regulations 811/2013 and 813/2013.

Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj	Symbol	Unit	AWO-AC-AF 101.A14	AWO-AC-AF 101.A16	AWO-AC-AF 101.A18	AWO-M-A C-AF 101.A06	AWO-M-A C-AF 101.A08	AWO-M-A C-AF 101.A10	AWO-M-A C-AF 101.A12	AWO-M-A C-AF 101.A14	AWO-M-A C-AF 101.A16
Tj= -7°C, medium-temperature application, Average climate conditions	Pdh	kW	10,3	11,5	12,5	5,8	6,3	8,1	8,5	10,3	11,5
Tj= -7°C, medium-temperature application, Colder climate conditions	Pdh	kW	-	-	-	-	-	-	-	-	-
Tj= -7°C, medium-temperature application, Warmer climate conditions	Pdh	kW	-	-	-	-	-	-	-	-	-
Tj= -7°C, Low-temperature application, Average climate conditions	Pdh	kW	10,7	12	12,8	6,1	6,5	8,3	8,9	10,7	12
Tj= -7°C, Low-temperature application, Colder climate conditions	Pdh	kW	-	-	-	-	-	-	-	-	-
Tj= -7°C, Low-temperature application, Warmer climate conditions	Pdh	kW	-	-	-	-	-	-	-	-	-
Tj= +2°C, medium-temperature application, Average climate conditions	Pdh	kW	6,2	6,9	7,6	3,6	3,8	5,2	5,2	6,2	6,9
Tj= +2°C, medium-temperature application, Colder climate conditions	Pdh	kW	-	-	-	-	-	-	-	-	-
Tj= +2°C, medium-temperature application, Warmer climate conditions	Pdh	kW	-	-	-	-	-	-	-	-	-
Tj= +2°C, Low-temperature application, Average climate conditions	Pdh	kW	6,5	7,3	7,8	3,7	4	5,3	5,4	6,5	7,3
Tj= +2°C, Low-temperature application, Colder climate conditions	Pdh	kW	-	-	-	-	-	-	-	-	-
Tj= +2°C, Low-temperature application, Warmer climate conditions	Pdh	kW	-	-	-	-	-	-	-	-	-
Tj= +7°C, medium-temperature application, Average climate conditions	Pdh	kW	5,7	5,5	5,7	3	3,1	4,1	4,2	5,7	5,5
Tj= +7°C, medium-temperature application, Colder climate conditions	Pdh	kW	-	-	-	-	-	-	-	-	-
Tj= +7°C, medium-temperature application, Warmer climate conditions	Pdh	kW	-	-	-	-	-	-	-	-	-
Tj= +7°C, Low-temperature application, Average climate conditions	Pdh	kW	5,8	5,7	5,8	3,2	3,1	4,2	4,3	5,8	5,7
Tj= +7°C, Low-temperature application, Colder climate conditions	Pdh	kW	-	-	-	-	-	-	-	-	-
Tj= +7°C, Low-temperature application, Warmer climate conditions	Pdh	kW	-	-	-	-	-	-	-	-	-
Tj= +12°C, medium-temperature application, Average climate conditions	Pdh	kW	6,6	6,6	6,6	3,6	3,6	4,8	4,8	6,6	6,6
Tj= +12°C, medium-temperature application, Colder climate conditions	Pdh	kW	-	-	-	-	-	-	-	-	-
Tj= +12°C, medium-temperature application, Warmer climate conditions	Pdh	kW	-	-	-	-	-	-	-	-	-
Tj= +12°C, Low-temperature application, Average climate conditions	Pdh	kW	6,7	6,7	6,7	3,7	3,7	4,9	4,9	6,7	6,7
Tj= +12°C, Low-temperature application, Colder climate conditions	Pdh	kW	-	-	-	-	-	-	-	-	-
Tj= +12°C, Low-temperature application, Warmer climate conditions	Pdh	kW	-	-	-	-	-	-	-	-	-
Tj= bivalent temperature, medium-temperature application, Average climate conditions	Pdh	kW	10,3	11,5	12,5	5,8	6,3	8,1	8,5	10,3	11,5
Tj= bivalent temperature, medium-temperature application, Colder climateconditions	Pdh	kW	-	-	-	-	-	-	-	-	-
Tj= bivalent temperature, medium-temperature application, Warmer climateconditions	Pdh	kW	-	-	-	-	-	-	-	-	-
Tj= bivalent temperature, Low-temperature application, Average climate conditions	Pdh	kW	10,7	12	12,8	6,1	6,5	8,3	8,9	10,7	12

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The product data specified meets the requirements of EU Regulations 811/2013 and 813/2013.

Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj	Symbol	Unit	AWO-AC-AF 101.A14	AWO-AC-AF 101.A16	AWO-AC-AF 101.A18	AWO-M-A C-AF 101.A06	AWO-M-A C-AF 101.A08	AWO-M-A C-AF 101.A10	AWO-M-A C-AF 101.A12	AWO-M-A C-AF 101.A14	AWO-M-A C-AF 101.A16
Tj= bivalent temperature, Low-temperature application, Colder climateconditions	Pdh	kW	-	-	-	-	-	-	-	-	-
Tj= bivalent temperature, Low-temperature application, Warmer climateconditions	Pdh	kW	-	-	-	-	-	-	-	-	-
Tj= operation limit temperature, medium-temperature application, Averageclimate conditions	Pdh	kW	10,2	11,5	12,6	6	6,4	8,1	8,7	10,2	11,5
Tj= operation limit temperature, Low-temperature application, Colderclimate conditions	Pdh	kW	-	-	-	-	-	-	-	-	-
Tj= operation limit temperature, medium-temperature application, Warmerclimate conditions	Pdh	kW	-	-	-	-	-	-	-	-	-
Tj= operation limit temperature, Low-temperature application, Average climate conditions	Pdh	kW	10,5	11,7	12,8	6,1	6,5	2,7	8,8	10,5	11,7
Tj= operation limit temperature, medium-temperature application, Colderclimate conditions	Pdh	kW	-	-	-	-	-	-	-	-	-
Tj= operation limit temperature, Low-temperature application, Warmerclimate conditions	Pdh	kW	-	-	-	-	-	-	-	-	-
For air-to-water heat pumps: Tj= -15°C (if TOL < -20°C)	Pdh	kW	-	-	-	-	-	-	-	-	-
bivalent temperature, medium-temperature application, Average climate conditions	T _{biv}	°C	-7	-7	-7	-7	-7	-7	-7	-7	-7
bivalent temperature, medium-temperature application, Colder climate conditions	T _{biv}	°C	-	-	-	-	-	-	-	-	-
bivalent temperature, medium-temperature application, Warmer climate conditions	T _{biv}	°C	-	-	-	-	-	-	-	-	-
bivalent temperature, Low-temperature application, Average climate conditions	T _{biv}	°C	-7	-7	-7	-7	-7	-7	-7	-7	-7
bivalent temperature, Low-temperature application, Colder climate conditions	T _{biv}	°C	-	-	-	-	-	-	-	-	-
bivalent temperature, Low-temperature application, Warmer climate conditions	T _{biv}	°C	-	-	-	-	-	-	-	-	-
Cycling interval capacity for heating, Average climate conditions	P _{cyct}	kW	-	-	-	-	-	-	-	-	-
Cycling interval capacity for heating, Colder climate conditions	P _{cyct}	kW	-	-	-	-	-	-	-	-	-
Cycling interval capacity for heating, Warmer climate conditions	P _{cyct}	kW	-	-	-	-	-	-	-	-	-
Degradation co-efficient medium-temperature application	Cdh		0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Degradation co-efficient Low-temperature application	Cdh		0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9

Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj	Symbol	Unit	AWO-AC-AF 101.A14	AWO-AC-AF 101.A16	AWO-AC-AF 101.A18	AWO-M-AC-AF 101.A06	AWO-M-AC-AF 101.A08	AWO-M-AC-AF 101.A10	AWO-M-AC-AF 101.A12	AWO-M-AC-AF 101.A14	AWO-M-AC-AF 101.A16
Tj= -7°C, medium-temperature application, Average climate conditions	COPd		2,1	2,1	2	2,1	1,9	2,1	2,1	2,1	2,1
Tj= -7°C, medium-temperature application, Colder climate conditions	COPd		-	-	-	-	-	-	-	-	-
Tj= -7°C, medium-temperature application, Warmer climate conditions	COPd		-	-	-	-	-	-	-	-	-
Tj= -7°C, Low-temperature application, Average climate conditions	COPd		3	2,9	2,8	3	3	2,9	2,9	3	2,9

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Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj	Symbol	Unit	AWO-AC-AF 101.A14	AWO-AC-AF 101.A16	AWO-AC-AF 101.A18	AWO-M-AC-AF 101.A06	AWO-M-AC-AF 101.A08	AWO-M-AC-AF 101.A10	AWO-M-AC-AF 101.A12	AWO-M-AC-AF 101.A14	AWO-M-AC-AF 101.A16
Tj= -7°C, Low-temperature application, Colder climate conditions	COPd		-	-	-	-	-	-	-	-	-
Tj= -7°C, Low-temperature application, Warmer climate conditions	COPd		-	-	-	-	-	-	-	-	-
Tj= +2°C, medium-temperature application, Average climate conditions	COPd		3,2	3,1	3,3	3,3	3,3	3,4	3,4	3,2	3,1
Tj= +2°C, medium-temperature application, Colder climate conditions	COPd		-	-	-	-	-	-	-	-	-
Tj= +2°C, medium-temperature application, Warmer climate conditions	COPd		-	-	-	-	-	-	-	-	-
Tj= +2°C, Low-temperature application, Average climate conditions	COPd		4,2	4,3	4,3	4,4	4,4	4,3	4,3	4,2	4,3
Tj= +2°C, Low-temperature application, Colder climate conditions	COPd		-	-	-	-	-	-	-	-	-
Tj= +2°C, Low-temperature application, Warmer climate conditions	COPd		-	-	-	-	-	-	-	-	-
Tj= +7°C, medium-temperature application, Average climate conditions	COPd		4,2	4,1	4,1	3,5	3,9	4,3	4,2	4,2	4,1
Tj= +7°C, medium-temperature application, Colder climate conditions	COPd		-	-	-	-	-	-	-	-	-
Tj= +7°C, medium-temperature application, Warmer climate conditions	COPd		-	-	-	-	-	-	-	-	-
Tj= +7°C, Low-temperature application, Average climate conditions	COPd		6	5,8	5,7	5,6	5,6	6	5,8	6	5,8
Tj= +7°C, Low-temperature application, Colder climate conditions	COPd		-	-	-	-	-	-	-	-	-
Tj= +7°C, Low-temperature application, Warmer climate conditions	COPd		-	-	-	-	-	-	-	-	-
Tj= +12°C, medium-temperature application, Average climate conditions	COPd		6,2	6,3	6,2	6,5	6,3	6,4	5,3	6,2	6,3
Tj= +12°C, medium-temperature application, Colder climate conditions	COPd		-	-	-	-	-	-	-	-	-
Tj= +12°C, medium-temperature application, Warmer climate conditions	COPd		-	-	-	-	-	-	-	-	-
Tj= +12°C, Low-temperature application, Average climate conditions	COPd		8,2	8,1	7,9	7,9	7,9	8,1	7,8	8,2	8,1
Tj= +12°C, Low-temperature application, Colder climate conditions	COPd		-	-	-	-	-	-	-	-	-
Tj= +12°C, Low-temperature application, Warmer climate conditions	COPd		-	-	-	-	-	-	-	-	-
Tj= bivalent temperature, medium-temperature application, Average climate conditions	COPd		2,1	2,1	2	2,1	1,9	2,1	2,1	2,1	2,1
Tj= bivalent temperature, medium-temperature application, Colder climateconditions	COPd		-	-	-	-	-	-	-	-	-
Tj= bivalent temperature, medium-temperature application, Warmer climateconditions	COPd		-	-	-	-	-	-	-	-	-
Tj= bivalent temperature, Low-temperature application, Average climate conditions	COPd		3	2,9	2,8	3	3	2,9	2,9	3	2,9
Tj= bivalent temperature, Low-temperature application, Colder climateconditions	COPd		-	-	-	-	-	-	-	-	-
Tj= bivalent temperature, Low-temperature application, Warmer climateconditions	COPd		-	-	-	-	-	-	-	-	-
Tj= operation limit temperature, medium-temperature application, Averageclimate conditions	COPd		2	1,9	1,9	2	2	2	2	2	1,9
Tj= operation limit temperature, medium-temperature application, Colderclimate conditions	COPd		-	-	-	-	-	-	-	-	-

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The product data specified meets the requirements of EU Regulations 811/2013 and 813/2013.

Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T _J	Symbol	Unit	AWO-AC-AF 101.A14	AWO-AC-AF 101.A16	AWO-AC-AF 101.A18	AWO-M-AC-AF 101.A06	AWO-M-AC-AF 101.A08	AWO-M-AC-AF 101.A10	AWO-M-AC-AF 101.A12	AWO-M-AC-AF 101.A14	AWO-M-AC-AF 101.A16
T _J = operation limit temperature, medium-temperature application, Warmerclimate conditions	COP _d		-	-	-	-	-	-	-	-	-
T _J = operation limit temperature, Low-temperature application, Average climate conditions	COP _d		2,7	2,6	2,6	2,7	2,7	2,7	2,6	2,7	2,6
T _J = operation limit temperature, Low-temperature application, Colderclimate conditions	COP _d		-	-	-	-	-	-	-	-	-
T _J = operation limit temperature, Low-temperature application, Warmerclimate conditions	COP _d		-	-	-	-	-	-	-	-	-
For air-to-water heat pumps: T _J = -15°C (if TOL < -20°C)	COP _d		-	-	-	-	-	-	-	-	-
For air-to-water heat pumps: operation limit temperature, medium-temperature application, Average climate conditions	TOL	°C	-15	-15	-15	-15	-15	-15	-15	-15	-15
For air-to-water heat pumps: operation limit temperature, Low-temperature application, Average climate conditions	TOL	°C	-20	-20	-20	-20	-20	-20	-20	-20	-20
Cycling interval efficiency, Average climate conditions	COP _{cyc}		-	-	-	-	-	-	-	-	-
Cycling interval efficiency, Colder climate conditions	COP _{cyc}		-	-	-	-	-	-	-	-	-
Cycling interval efficiency, Warmer climate conditions	COP _{cyc}		-	-	-	-	-	-	-	-	-
Heating water operating limit temperature	WTOL	°C	60	60	60	60	60	60	60	60	60

Power consumption in operating modes other than the operating state	Symbol	Unit	AWO-AC-AF 101.A14	AWO-AC-AF 101.A16	AWO-AC-AF 101.A18	AWO-M-A C-AF 101.A06	AWO-M-A C-AF 101.A08	AWO-M-A C-AF 101.A10	AWO-M-A C-AF 101.A12	AWO-M-A C-AF 101.A14	AWO-M-A C-AF 101.A16
Power consumption in modes other than active mode Off mode	P _{OFF}	kW	0,019	0,019	0,019	0,019	0,019	0,019	0,019	0,019	0,019
Power consumption in modes other than active mode Thermostat-off mode	P _{TO}	kW	0,019	0,019	0,019	0,019	0,019	0,019	0,019	0,019	0,019
Power consumption in modes other than active mode Standby mode	P _{SB}	kW	0,019	0,019	0,019	0,019	0,019	0,019	0,019	0,019	0,019
Power consumption in modes other than active mode Crankcase heater mode	P _{CK}	kW	0,03	0,03	0,03	0,03	0,03	0,03	0,03	0,03	0,03

Auxiliary heating appliances	Symbol	Unit	AWO-AC-AF 101.A14	AWO-AC-AF 101.A16	AWO-AC-AF 101.A18	AWO-M-AC-AF 101.A06	AWO-M-AC-AF 101.A08	AWO-M-AC-AF 101.A10	AWO-M-AC-AF 101.A12	AWO-M-AC-AF 101.A14	AWO-M-AC-AF 101.A16
Supplementary heater Rated heat output, Average climate conditions	P _{sup}	kW	-	-	-	-	-	-	-	-	-
Type of energy input			Electrical	Electrical	Electrical	Electrical	Electrical	Electrical	Electrical	Electrical	Electrical

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AWO-AC-AF 101.A14, AWO-AC-AF 101.A16, AWO-AC-AF 101.A18, AWO-M-AC-AF 101.A06, AWO-M-AC-AF 101.A08, AWO-M-AC-AF 101.A10, AWO-M-AC-AF 101.A12, AWO-M-AC-AF 101.A14, AWO-M-AC-AF 101.A16

The product data specified meets the requirements of EU Regulations 811/2013 and 813/2013.

Other details	Symbol	Unit	AWO-AC-AF 101.A14	AWO-AC-AF 101.A16	AWO-AC-AF 101.A18	AWO-M-A C-AF 101.A06	AWO-M-A C-AF 101.A08	AWO-M-A C-AF 101.A10	AWO-M-A C-AF 101.A12	AWO-M-A C-AF 101.A14	AWO-M-A C-AF 101.A16
Capacity control			variable	variable	variable	variable	variable	variable	variable	variable	variable
sound power level indoors	L_{WA}	dB	-	-	-	-	-	-	-	-	-
Sound power level, indoors	L_{WA}	dB	68	68	68	64	64	64	65	68	68
Annual energy consumption	Q_{HE}	kWh	7260	8359	8659	4191	4496	5464	5942	7260	8359
Annual energy consumption, medium-temperature application, Colder climate conditions	Q_{HE}	kWh	13132	13817	14996	8785	7861	10704	10688	13132	13817
Annual energy consumption, medium-temperature application, Warmer climate conditions	Q_{HE}	kWh	3774	4193	4683	2155	2247	3204	3434	3774	4193
Annual energy consumption, Low-temperature application, Average climate conditions	Q_{HE}	kWh	5584	6210	6720	3179	3413	4294	4631	5584	6210
Annual energy consumption, medium-temperature application, Colder climate conditions	Q_{HE}	kWh	10931	11885	12999	6497	6797	8580	9145	10931	11885
Annual energy consumption, medium-temperature application, Warmer climate conditions	Q_{HE}	kWh	2944	3188	3618	1523	1684	2387	2588	2944	3188
For air-to-water heat pumps: Rated air flow rate, outdoors		m ³ /h	9800	10000	10300	4200	4500	5000	5300	9800	10000
For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger, medium-temperature application		m ³ /h	-	-	-	-	-	-	-	-	-
For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger, Low-temperature application		m ³ /h	-	-	-	-	-	-	-	-	-

For combination heaters with heat pump	Symbol	Unit	AWO-AC-AF 101.A14	AWO-AC-AF 101.A16	AWO-AC-AF 101.A18	AWO-M-A C-AF 101.A06	AWO-M-A C-AF 101.A08	AWO-M-A C-AF 101.A10	AWO-M-A C-AF 101.A12	AWO-M-A C-AF 101.A14	AWO-M-A C-AF 101.A16
Declared load profile			-	-	-	-	-	-	-	-	-
Daily electricity consumption, Average climate conditions	Q_{elec}	kWh	-	-	-	-	-	-	-	-	-
Daily electricity consumption, Colder climate conditions	Q_{elec}	kWh	-	-	-	-	-	-	-	-	-
Daily electricity consumption, Warmer climate conditions	Q_{elec}	kWh	-	-	-	-	-	-	-	-	-
Annual electricity consumption	AEC	kWh	-	-	-	-	-	-	-	-	-
Annual electricity consumption, Colder climate conditions	AEC	kWh	-	-	-	-	-	-	-	-	-
Annual electricity consumption, Warmer climate conditions	AEC	kWh	-	-	-	-	-	-	-	-	-
Water heating energy efficiency, Average climate conditions	η_{wh}	%	-	-	-	-	-	-	-	-	-
Water heating energy efficiency, Colder climate conditions	η_{wh}	%	-	-	-	-	-	-	-	-	-
Water heating energy efficiency, Warmer climate conditions	η_{wh}	%	-	-	-	-	-	-	-	-	-

The product data specified meets the requirements of EU Regulations 811/2013.

Criterion	Energy efficiency category, temperature controller	Contribution, central heating energy efficiency
<ul style="list-style-type: none"> • Room thermostat which switches the heat source on/off 	1	1 %
<ul style="list-style-type: none"> • Weather-compensated control • Modulating heat source 	2	2 %
<ul style="list-style-type: none"> • Weather-compensated control • Non-modulating heat source 	3	1,5 %
<ul style="list-style-type: none"> • Room thermostat with TPI (Time Proportional Integral) properties • Non-modulating heat source 	4	2 %
<ul style="list-style-type: none"> • Modulating room thermostat • Modulating heat source 	5	3 %
<ul style="list-style-type: none"> • Weather compensation, control unit • Modulating heat source • Room temperature sensor in conjunction with room hook-up 	6	4 %
<ul style="list-style-type: none"> • Weather compensation, control unit • Non-modulating heat source • Room temperature sensor in conjunction with room hook-up 	7	3,5 %
<ul style="list-style-type: none"> • Individual room control with min. 3 room temperature sensors • Modulating heat source 	8	5 %