VITOCAL 151-A

AWOT-M-E-AC 151.A04, AWOT-M-E-AC 151.A06, AWOT-M-E-AC 151.A08, AWOT-M-E-AC-AF 151.A04, AWOT-M-E-AC-AF 151.A06, AWOT-M-E-AC-AF 151.A08

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

Product Data	Symbol	Unit	AWOT-M-E-AC 151.A04	AWOT-M-E-AC 151.A06	AWOT-M-E-AC 151.A08	AWOT-M-E-AC-AF 151.A04	AWOT-M-E-AC-AF 151.A06	AWOT-M-E-AC-AF 151.A08
Declared load profile			XL	XL	XL	XL	XL	XL
Seasonal space heating energy efficiency, medium-temperature application			A++	A++	A++	A++	A++	A++
Water heating energy efficiency classes			A	A	A	A	A	A
Rated heat output, medium-temperature application, Average climate conditions	P_{rated}	kW	4	5	6	4	5	6
Supplementary heater Rated heat output, Average climate conditions	P_{sup}	kW	0,5	1	1,6	0,5	1	1,6
Annual energy consumption	Q_{HE}	kWh	2185	2947	3648	2185	2947	3648
Annual electricity consumption	AEC	kWh	1754	1754	1754	1754	1754	1754
Seasonal space heating energy efficiency, medium-temperature application, Average climate conditions	η_s	%	140	141	137	140	141	137
Water heating energy efficiency, Average climate conditions	η_{wh}	%	102	102	102	102	102	102
sound power level indoors	L_{WA}	dB	40	40	40	40	40	40

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	AWOT-M-E-AC 151.A04	AWOT-M-E-AC 151.A06	AWOT-M-E-AC 151.A08	AWOT-M-E-AC-AF 151.A04	AWOT-M-E-AC-AF 151.A06	AWOT-M-E-AC-AF 151.A08
Rated heat output, medium-temperature application, Colder climate conditions	P_{rated}	kW	5	7	7	5	7	7
Rated heat output, medium-temperature application, Warmer climate conditions	P_{rated}	kW	2	2	4	2	2	4
Supplementary heater Rated heat output, Colder climate conditions	P_{sup}	kW	3	3,2	4,1	3	3,2	4,1
Supplementary heater Rated heat output, Warmer climate conditions	P_{sup}	kW	0	0	0	0	0	0
Annual energy consumption, medium-temperature application, Colder climate conditions	Q_{HE}	kWh	4217	5435	5903	4217	5435	5903
Annual energy consumption, medium-temperature application, Warmer climate conditions	Q_{HE}	kWh	680	817	1159	680	817	1159
Annual electricity consumption, Colder climate conditions	AEC	kWh	-	-	-	-	-	-
Annual electricity consumption, Warmer climate conditions	AEC	kWh	-	-	-	-	-	-
Seasonal space heating energy efficiency, medium-temperature application, Colder climate conditions	η_s	%	122	119	121	122	119	121
Seasonal space heating energy efficiency, medium-temperature application, Warmer climate conditions	η_s	%	146	153	166	146	153	166
Sound power level, indoors	L_{WA}	dB	51	51	51	51	51	51

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AWOT-M-E-AC 151.A04, AWOT-M-E-AC 151.A06, AWOT-M-E-AC 151.A08, AWOT-M-E-AC-AF 151.A04, AWOT-M-E-AC-AF 151.A06, AWOT-M-E-AC-AF 151.A08

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

Product Data	AWOT-M-E-AC 151.A04	AWOT-M-E-AC 151.A06	AWOT-M-E-AC 151.A08	AWOT-M-E-AC-AF 151.A04	AWOT-M-E-AC-AF 151.A06	AWOT-M-E-AC-AF 151.A08
Operating mode	-	-	-	-	-	-
Mark Master/Slave Heat pump	-	-	-	-	-	-
Equipped with a supplementary heater	yes	yes	yes	yes	yes	yes
Heat pump combination heater	yes	yes	yes	yes	yes	yes
Seasonal space heating energy efficiency, medium-temperature application	A++	A++	A++	A++	A++	A++
Seasonal space heating energy efficiency, Low-temperature application	A+++	A+++	A+++	A+++	A+++	A+++
Water heating energy efficiency classes	A	A	A	A	A	A

Product Data	Symbol	Unit	AWOT-M-E-AC 151.A04	AWOT-M-E-AC 151.A06	AWOT-M-E-AC 151.A08	AWOT-M-E-AC-AF 151.A04	AWOT-M-E-AC-AF 151.A06	AWOT-M-E-AC-AF 151.A08
Rated heat output, medium-temperature application, Average climate conditions	P_{rated}	kW	4	5	6	4	5	6
Rated heat output, medium-temperature application, Colder climate conditions	P_{rated}	kW	5	7	7	5	7	7
Rated heat output, medium-temperature application, Warmer climate conditions	P_{rated}	kW	2	2	4	2	2	4
Rated heat output, Low-temperature application, Average climate conditions	P_{rated}	kW	4	5	6	4	5	6
Rated heat output, Low-temperature application, Colder climate conditions	P_{rated}	kW	6	7	8	6	7	8
Rated heat output, Low-temperature application, Warmer climate conditions	P_{rated}	kW	2	3	4	2	3	4
Seasonal space heating energy efficiency, medium-temperature application, Average climate conditions	η_s	%	140	141	137	140	141	137
seasonal coefficient of performance, medium-temperature application, Average climate conditions	SCOP		3,56	3,61	3,51	3,56	3,61	3,51
Seasonal space heating energy efficiency, medium-temperature application, Colder climate conditions	η_s	%	122	119	121	122	119	121
Seasonal space heating energy efficiency, medium-temperature application, Warmer climate conditions	η_s	%	146	153	166	146	153	166
Seasonal space heating energy efficiency, Low-temperature application, Average climate conditions	η_s	%	185	180	175	185	180	175
seasonal coefficient of performance,Low-temperature application, Average climate conditions	SCOP		4,69	4,58	4,44	4,69	4,58	4,44
Seasonal space heating energy efficiency, Low-temperature application, Colder climate conditions	η_s	%	148	149	143	148	149	143
Seasonal space heating energy efficiency, Low-temperature application, Warmer climate conditions	η_s	%	216	220	238	216	220	238

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AWOT-M-E-AC 151.A04, AWOT-M-E-AC 151.A06, AWOT-M-E-AC 151.A08, AWOT-M-E-AC-AF 151.A04, AWOT-M-E-AC-AF 151.A06, AWOT-M-E-AC-AF 151.A08

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	AWOT-M-E-AC 151.A04	AWOT-M-E-AC 151.A06	AWOT-M-E-AC 151.A08	AWOT-M-E-AC-AF 151.A04	AWOT-M-E-AC-AF 151.A06	AWOT-M-E-AC-AF 151.A08
Tj= -7°C, medium-temperature application, Average climate conditions	Pdh	kW	3,4	4,6	5,1	3,4	4,6	5,1
Tj= -7°C, medium-temperature application, Colder climate conditions	Pdh	kW	3,3	4	4,5	3,3	4	4,5
Tj= -7°C, medium-temperature application, Warmer climate conditions	Pdh	kW	-	-	-	-	-	-
Tj= -7°C, Low-temperature application, Average climate conditions	Pdh	kW	3,6	4,8	5,3	3,6	4,8	5,3
Tj= -7°C, Low-temperature application, Colder climate conditions	Pdh	kW	3,4	4,1	4,7	3,4	4,1	4,7
Tj= -7°C, Low-temperature application, Warmer climate conditions	Pdh	kW	-	-	-	-	-	-
Tj= +2°C, medium-temperature application, Average climate conditions	Pdh	kW	2,1	2,8	3,5	2,1	2,8	3,5
Tj= +2°C, medium-temperature application, Colder climate conditions	Pdh	kW	2	2,4	2,9	2	2,4	2,9
Tj= +2°C, medium-temperature application, Warmer climate conditions	Pdh	kW	1,9	2,4	3,7	1,9	2,4	3,7
Tj= +2°C, Low-temperature application, Average climate conditions	Pdh	kW	2,3	2,9	3,5	2,3	2,9	3,5
Tj= +2°C, Low-temperature application, Colder climate conditions	Pdh	kW	2,1	2,5	2,9	2,1	2,5	2,9
Tj= +2°C, Low-temperature application, Warmer climate conditions	Pdh	kW	2,3	2,8	3,8	2,3	2,8	3,8
Tj= +7°C, medium-temperature application, Average climate conditions	Pdh	kW	2,5	2,5	2,5	2,5	2,5	2,5
Tj= +7°C, medium-temperature application, Colder climate conditions	Pdh	kW	2,6	2,6	2,6	2,6	2,6	2,6
Tj= +7°C, medium-temperature application, Warmer climate conditions	Pdh	kW	2,3	2,3	2,3	2,3	2,3	2,3
Tj= +7°C, Low-temperature application, Average climate conditions	Pdh	kW	2,6	2,6	2,6	2,6	2,6	2,6
Tj= +7°C, Low-temperature application, Colder climate conditions	Pdh	kW	2,6	2,6	3,1	2,6	2,6	3,1
Tj= +7°C, Low-temperature application, Warmer climate conditions	Pdh	kW	2,6	2,6	2,6	2,6	2,6	2,6
Tj= +12°C, medium-temperature application, Average climate conditions	Pdh	kW	2,5	2,5	2,5	2,5	2,5	2,5
Tj= +12°C, medium-temperature application, Colder climate conditions	Pdh	kW	2,5	2,5	2,5	2,5	2,5	2,5
Tj= +12°C, medium-temperature application, Warmer climate conditions	Pdh	kW	2,4	2,4	2,4	2,4	2,4	2,4
Tj= +12°C, Low-temperature application, Average climate conditions	Pdh	kW	2,3	2,3	2,2	2,3	2,3	2,2
Tj= +12°C, Low-temperature application, Colder climate conditions	Pdh	kW	2,3	2,3	2,9	2,3	2,3	2,9
Tj= +12°C, Low-temperature application, Warmer climate conditions	Pdh	kW	2,5	2,4	2,4	2,5	2,4	2,4
Tj= bivalent temperature, medium-temperature application, Average climate conditions	Pdh	kW	3,5	4,6	5,2	3,5	4,6	5,2
Tj= bivalent temperature, medium-temperature application, Colder climateconditions	Pdh	kW	3,5	4,4	4,9	3,5	4,4	4,9
Tj= bivalent temperature, medium-temperature application, Warmer climateconditions	Pdh	kW	1,9	2,4	3,7	1,9	2,4	3,7
Tj= bivalent temperature, Low-temperature application, Average climate conditions	Pdh	kW	3,8	4,8	5,5	3,8	4,8	5,5

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AWOT-M-E-AC 151.A04, AWOT-M-E-AC 151.A06, AWOT-M-E-AC 151.A08, AWOT-M-E-AC-AF 151.A04, AWOT-M-E-AC-AF 151.A06, AWOT-M-E-AC-AF 151.A08

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	AWOT-M-E-AC 151.A04	AWOT-M-E-AC 151.A06	AWOT-M-E-AC 151.A08	AWOT-M-E-AC-AF 151.A04	AWOT-M-E-AC-AF 151.A06	AWOT-M-E-AC-AF 151.A08
Tj= bivalent temperature, Low-temperature application, Colder climateconditions	Pdh	kW	3,7	4,5	5,1	3,7	4,5	5,1
Tj= bivalent temperature, Low-temperature application, Warmer climateconditions	Pdh	kW	2,3	2,8	3,8	2,3	2,8	3,8
Tj= operation limit temperature, medium-temperature application, Averageclimate conditions	Pdh	kW	3,2	4,1	4,5	3,2	4,1	4,5
Tj= operation limit temperature, Low-temperature application, Colderclimate conditions	Pdh	kW	2,6	3,3	3,6	2,6	3,3	3,6
Tj= operation limit temperature, medium-temperature application, Warmerclimate conditions	Pdh	kW	1,9	2,4	3,7	1,9	2,4	3,7
Tj= operation limit temperature, Low-temperature application, Average climate conditions	Pdh	kW	3,5	4,4	4,9	3,5	4,4	4,9
Tj= operation limit temperature, medium-temperature application, Colderclimate conditions	Pdh	kW	2,3	2,9	3,3	2,3	2,9	3,3
Tj= operation limit temperature, Low-temperature application, Warmerclimate conditions	Pdh	kW	2,3	2,8	3,8	2,3	2,8	3,8
For air-to-water heat pumps: Tj= -15°C (if TOL < -20°C)	Pdh	kW	3,1	3,8	4,2	3,1	3,8	4,2
bivalent temperature, medium-temperature application, Average climate conditions	T_{biv}	°C	-8	-7	-6	-8	-7	-6
bivalent temperature, medium-temperature application, Colder climate conditions	T_{biv}	°C	-9	-9	-9	-9	-9	-9
bivalent temperature, medium-temperature application, Warmer climate conditions	T_{biv}	°C	2	2	2	2	2	2
bivalent temperature, Low-temperature application, Average climate conditions	T_{biv}	°C	-8	-7	-6	-8	-7	-6
bivalent temperature, Low-temperature application, Colder climate conditions	T_{biv}	°C	-9	-10	-9	-9	-10	-9
bivalent temperature, Low-temperature application, Warmer climate conditions	T_{biv}	°C	2	2	2	2	2	2
Cycling interval capacity for heating, Average climate conditions	P_{cych}	kW	-	-	-	-	-	-
Cycling interval capacity for heating, Colder climate conditions	P_{cych}	kW	-	-	-	-	-	-
Cycling interval capacity for heating, Warmer climate conditions	P_{cych}	kW	-	-	-	-	-	-
Degradation co-efficient medium-temperature application	Cdh		1	1	1	1	1	1
Degradation co-efficient Low-temperature application	Cdh		1	1	0,9	1	1	0,9

Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj	Symbol	Unit	AWOT-M-E-AC 151.A04	AWOT-M-E-AC 151.A06	AWOT-M-E-AC 151.A08	AWOT-M-E-AC-AF 151.A04	AWOT-M-E-AC-AF 151.A06	AWOT-M-E-AC-AF 151.A08
Tj= -7°C, medium-temperature application, Average climate conditions	COPd		2,4	2,3	2,3	2,4	2,3	2,3
Tj= -7°C, medium-temperature application, Colder climate conditions	COPd		2,8	2,7	2,6	2,8	2,7	2,6
Tj= -7°C, medium-temperature application, Warmer climate conditions	COPd		-	-	-	-	-	-

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AWOT-M-E-AC 151.A04, AWOT-M-E-AC 151.A06, AWOT-M-E-AC 151.A08, AWOT-M-E-AC-AF 151.A04, AWOT-M-E-AC-AF 151.A06, AWOT-M-E-AC-AF 151.A08

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 Tj	Symbol	Unit	AWOT-M-E-AC 151.A04	AWOT-M-E-AC 151.A06	AWOT-M-E-AC 151.A08	AWOT-M-E-AC-AF 151.A04	AWOT-M-E-AC-AF 151.A06	AWOT-M-E-AC-AF 151.A08
Tj= -7°C, Low-temperature application, Average climate conditions	COPd		3,2	3	3	3,2	3	3
Tj= -7°C, Low-temperature application, Colder climate conditions	COPd		3,4	3,3	3,2	3,4	3,3	3,2
Tj= -7°C, Low-temperature application, Warmer climate conditions	COPd		-	-	-	-	-	-
Tj= +2°C, medium-temperature application, Average climate conditions	COPd		3,5	3,6	3,4	3,5	3,6	3,4
Tj= +2°C, medium-temperature application, Colder climate conditions	COPd		4	4	4	4	4	4
Tj= +2°C, medium-temperature application, Warmer climate conditions	COPd		2,5	2,6	2,7	2,5	2,6	2,7
Tj= +2°C, Low-temperature application, Average climate conditions	COPd		4,7	4,6	4,2	4,7	4,6	4,2
Tj= +2°C, Low-temperature application, Colder climate conditions	COPd		5	5	4,7	5	5	4,7
Tj= +2°C, Low-temperature application, Warmer climate conditions	COPd		4,2	4,1	3,8	4,2	4,1	3,8
Tj= +7°C, medium-temperature application, Average climate conditions	COPd		4,6	4,7	4,8	4,6	4,7	4,8
Tj= +7°C, medium-temperature application, Colder climate conditions	COPd		5,1	5,2	5,2	5,1	5,2	5,2
Tj= +7°C, medium-temperature application, Warmer climate conditions	COPd		3,5	3,5	3,6	3,5	3,5	3,6
Tj= +7°C, Low-temperature application, Average climate conditions	COPd		6	6	6,2	6	6	6,2
Tj= +7°C, Low-temperature application, Colder climate conditions	COPd		6,3	6,3	6,4	6,3	6,3	6,4
Tj= +7°C, Low-temperature application, Warmer climate conditions	COPd		5,4	5,3	5,6	5,4	5,3	5,6
Tj= +12°C, medium-temperature application, Average climate conditions	COPd		6,3	6,5	6,6	6,3	6,5	6,6
Tj= +12°C, medium-temperature application, Colder climate conditions	COPd		6,8	6,9	7,1	6,8	6,9	7,1
Tj= +12°C, medium-temperature application, Warmer climate conditions	COPd		5,5	5,6	5,8	5,5	5,6	5,8
Tj= +12°C, Low-temperature application, Average climate conditions	COPd		7,6	7,6	7,6	7,6	7,6	7,6
Tj= +12°C, Low-temperature application, Colder climate conditions	COPd		7,6	7,6	7,8	7,6	7,6	7,8
Tj= +12°C, Low-temperature application, Warmer climate conditions	COPd		7,7	7,7	7,9	7,7	7,7	7,9
Tj= bivalent temperature, medium-temperature application, Average climate conditions	COPd		2,3	2,3	2,4	2,3	2,3	2,4
Tj= bivalent temperature, medium-temperature application, Colder climateconditions	COPd		2,6	2,5	2,4	2,6	2,5	2,4
Tj= bivalent temperature, medium-temperature application, Warmer climateconditions	COPd		2,5	2,6	2,7	2,5	2,6	2,7
Tj= bivalent temperature, Low-temperature application, Average climate conditions	COPd		3,1	3	3,1	3,1	3	3,1
Tj= bivalent temperature, Low-temperature application, Colder climateconditions	COPd		3,2	2,9	3	3,2	2,9	3
Tj= bivalent temperature, Low-temperature application, Warmer climateconditions	COPd		4,2	4,1	3,8	4,2	4,1	3,8
Tj= operation limit temperature, medium-temperature application, Averageclimate conditions	COPd		2,1	2,1	2	2,1	2,1	2

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AWOT-M-E-AC 151.A04, AWOT-M-E-AC 151.A06, AWOT-M-E-AC 151.A08, AWOT-M-E-AC-AF 151.A04, AWOT-M-E-AC-AF 151.A06, AWOT-M-E-AC-AF 151.A08

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 Tj	Symbol	Unit	AWOT-M-E-AC 151.A04	AWOT-M-E-AC 151.A06	AWOT-M-E-AC 151.A08	AWOT-M-E-AC-AF 151.A04	AWOT-M-E-AC-AF 151.A06	AWOT-M-E-AC-AF 151.A08
Tj= operation limit temperature, medium-temperature application, Colderclimate conditions	COPd		1,7	1,7	1,7	1,7	1,7	1,7
Tj= operation limit temperature, medium-temperature application, Warmerclimate conditions	COPd		2,5	2,6	2,7	2,5	2,6	2,7
Tj= operation limit temperature, Low-temperature application, Average climate conditions	COPd		2,9	2,7	2,7	2,9	2,7	2,7
Tj= operation limit temperature, Low-temperature application, Colderclimate conditions	COPd		2,3	2,2	2,2	2,3	2,2	2,2
Tj= operation limit temperature, Low-temperature application, Warmerclimate conditions	COPd		4,2	4,1	3,8	4,2	4,1	3,8
For air-to-water heat pumps: Tj= -15°C (if TOL < -20°C)	COPd		2,6	2,5	2,5	2,6	2,5	2,5
For air-to-water heat pumps: operation limit temperature, medium-temperature application, Average climate conditions	TOL	°C	-10	-10	-10	-10	-10	-10
For air-to-water heat pumps: operation limit temperature, Low-temperature application, Average climate conditions	TOL	°C	-10	-10	-10	-10	-10	-10
Cycling interval efficiency, Average climate conditions	COPcyc		-	-	-	-	-	-
Cycling interval efficiency, Colder climate conditions	COPcyc		-	-	-	-	-	-
Cycling interval efficiency, Warmer climate conditions	COPcyc		-	-	-	-	-	-
Heating water operating limit temperature	WTOL	°C	70	70	70	70	70	70

Power consumption in operating modes other than the operating state	Symbol	Unit	AWOT-M-E-AC 151.A04	AWOT-M-E-AC 151.A06	AWOT-M-E-AC 151.A08	AWOT-M-E-AC-AF 151.A04	AWOT-M-E-AC-AF 151.A06	AWOT-M-E-AC-AF 151.A08
Power consumption in modes other than active mode Off mode	P_{OFF}	kW	0	0	0	0	0	0
Power consumption in modes other than active mode Thermostat-off mode	P_{TO}	kW	0,014	0,014	0,014	0,014	0,014	0,014
Power consumption in modes other than active mode Standby mode	P_{SB}	kW	0,016	0,016	0,016	0,016	0,016	0,016
Power consumption in modes other than active mode Crankcase heater mode	P_{CK}	kW	0	0	0	0	0	0

Auxiliary heating appliances	Symbol	Unit	AWOT-M-E-AC 151.A04	AWOT-M-E-AC 151.A06	AWOT-M-E-AC 151.A08	AWOT-M-E-AC-AF 151.A04	AWOT-M-E-AC-AF 151.A06	AWOT-M-E-AC-AF 151.A08
Supplementary heater Rated heat output, Average climate conditions	P_{sup}	kW	0,5	1	1,6	0,5	1	1,6
Type of energy input			electric	electric	electric	electric	electric	electric

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AWOT-M-E-AC 151.A04, AWOT-M-E-AC 151.A06, AWOT-M-E-AC 151.A08, AWOT-M-E-AC-AF 151.A04, AWOT-M-E-AC-AF 151.A06, AWOT-M-E-AC-AF 151.A08

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

Other details	Symbol	Unit	AWOT-M-E-AC 151.A04	AWOT-M-E-AC 151.A06	AWOT-M-E-AC 151.A08	AWOT-M-E-AC-AF 151.A04	AWOT-M-E-AC-AF 151.A06	AWOT-M-E-AC-AF 151.A08
Capacity control			variable	variable	variable	variable	variable	variable
sound power level indoors	L_{WA}	dB	40	40	40	40	40	40
Sound power level, indoors	L_{WA}	dB	51	51	51	51	51	51
Annual energy consumption	Q_{HE}	kWh	2185	2947	3648	2185	2947	3648
Annual energy consumption, medium-temperature application, Colder climate conditions	Q_{HE}	kWh	4217	5435	5903	4217	5435	5903
Annual energy consumption, medium-temperature application, Warmer climate conditions	Q_{HE}	kWh	680	817	1159	680	817	1159
Annual energy consumption, Low-temperature application, Average climate conditions	Q_{HE}	kWh	1796	2461	3012	1796	2461	3012
Annual energy consumption, medium-temperature application, Colder climate conditions	Q_{HE}	kWh	3662	4229	5174	3662	4229	5174
Annual energy consumption, medium-temperature application, Warmer climate conditions Water heating energy efficiency, Colder climate conditions	$Q_{HE}\eta_{wh}$	kWh%	573	663	849	573	663	849
For air-to-water heat pumps: Rated air flow rate, outdoors		m^3/h	1813	1954	2125	1813	1954	2125
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	AWOT-M-E-AC 151.A04	AWOT-M-E-AC 151.A06	AWOT-M-E-AC 151.A08	AWOT-M-E-AC-AF 151.A04	AWOT-M-E-AC-AF 151.A06	AWOT-M-E-AC-AF 151.A08
Declared load profile			XL	XL	XL	XL	XL	XL
Daily electricity consumption, Average climate conditions	Q_{elec}	kWh	7,973	7,973	7,973	7,973	7,973	7,973
Daily electricity consumption, Colder climate conditions	Q_{elec}	kWh	-	-	-	-	-	-
Daily electricity consumption, Warmer climate conditions	Q_{elec}	kWh	-	-	-	-	-	-
Annual electricity consumption	AEC	kWh	1754	1754	1754	1754	1754	1754
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}	%	102	102	102	102	102	102
Water heating energy efficiency, Colder climate conditions	η_{wh}	%	-	-	-	-	-	-
Water heating energy efficiency, Warmer climate conditions	η_{wh}	%	-	-	-	-	-	-

Product fiche Energy efficiency category temperature controller

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

Criterion	Energy efficiency category, temperature controller	Contribution, central heating energy efficiency
• Room thermostat which switches the heat source on/off	1	1 %
• Weather-compensated control • Modulating heat source	2	2 %
• Weather-compensated control • Non-modulating heat source	3	1,5 %
• Room thermostat with TPI (Time Proportional Integral) properties • Non-modulating heat source	4	2 %
• Modulating room thermostat • Modulating heat source	5	3 %
• Weather compensation, control unit • Modulating heat source • Room temperature sensor in conjunction with room hook-up	6	4 %
• Weather compensation, control unit • Non-modulating heat source • Room temperature sensor in conjunction with room hook-up	7	3,5 %
• Individual room control with min. 3 room temperature sensors • Modulating heat source	8	5 %