

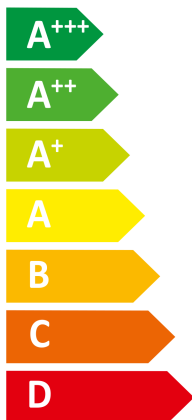


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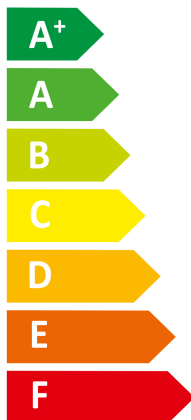


–weishaupt–

WWP S 6 IDT-2



A⁺⁺



A



46 dB



0 dB



■ 6 kW
■ 6 kW
■ 6 kW

2019

811/2013

Produktdaten

Anbieter: **Max Weishaupt GmbH**
Max-Weishaupt-Straße
D-88475 Schwendi

Produkt: **Wärmeerzeuger** **WWP S 6 IDT-2**

Die EU-Konformitätserklärung und die Anleitung (manual) liegen dem Produkt bei.

Nachstehende Produktdaten wurden auf Basis folgender Prüfgrundlagen ermittelt:

811/2013/EU, 813/2013/EU, EN 12102:2008, EN 14511-1:2013, EN 14511-2:2013, EN 14511-3:2013,
 EN 14511-4:2013, EN 14825:2013, EN 16147:2011

	Temperaturanwendung Trinkwasserbereitung		
	35°C	55°C	
Wärmeerzeuger		WWP S 6 IDT-2	
Lastprofil			L
Klasse für die jahreszeitbedingte Raumheizungs-Energieeffizienz (A+++ - D)	A+++	A++	
Klasse für die Warmwasserbereitungs-Energieeffizienz (A+ - F)			A
Wärmenennleistung bei durchschnittlichen Klimaverhältnissen	6	6	kW
Jährlicher Energieverbrauch als Endenergie für Raumheizung bei durchschnittlichen Klimaverhältnissen	2463	3171	kWh
Jährlicher Energieverbrauch als Endenergie für Warmwasserbereitung bei durchschnittlichen Klimaverhältnissen			1050 kWh
Jahreszeitbedingte Raumheizungs-Energieeffizienz bei durchschnittlichen Klimaverhältnissen	197	135	%
Warmwasserbereitungs-Energieeffizienz bei durchschnittlichen Klimaverhältnissen			98 %
Schallleistungspegel im Gebäude, LWA		46	dB(A)
Ausschließlicher Betrieb zu Schwachlastzeiten		-	
Besondere Vorkehrungen bei der Installation		siehe manual	
Wärmenennleistung bei kälteren Klimaverhältnissen	6	6	kW
Wärmenennleistung bei wärmeren Klimaverhältnissen	6	6	kW
Jährlicher Energieverbrauch für Raumheizung als Endenergie bei kälteren Klimaverhältnissen	2979	3869	kWh
Jährlicher Energieverbrauch für Raumheizung als Endenergie bei wärmeren Klimaverhältnissen	1611	2071	kWh
Jährlicher Energieverbrauch als Endenergie für Warmwasserbereitung bei kälteren Klimaverhältnissen			1050 kWh
Jährlicher Energieverbrauch als Endenergie für Warmwasserbereitung bei wärmeren Klimaverhältnissen			1050 kWh
Jahreszeitbedingte Raumheizungs-Energieeffizienz bei kälteren Klimaverhältnissen	206	141	%
Jahreszeitbedingte Raumheizungs-Energieeffizienz bei wärmeren Klimaverhältnissen	194	134	%
Warmwasserbereitungs-Energieeffizienz bei kälteren Klimaverhältnissen			98 %
Warmwasserbereitungs-Energieeffizienz bei wärmeren Klimaverhältnissen			98 %
Schallleistungspegel im Freien, LWA		0	dB(A)

Technical parameters

- weishaupt -

Manufacturer:	Max Weishaupt GmbH
Model:	WWP S 6 IDT-2
	Brine - to-water heat pump
Low-temperature heat pump:	Nein
Equipped with a supplementary heater:	Nein
Heat pump combination heater:	
Application:	low
Climate:	average

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6	kW
Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature T _j			
T _j = -7°C	P _{dh}	6,1	kW
T _j = +2°C	P _{dh}	6,2	kW
T _j = +7°C	P _{dh}	6,2	kW
T _j = +12°C	P _{dh}	6,3	kW
T _j = bivalent temperature	P _{dh}	6,1	kW
T _j = operation limit temperature	P _{dh}	6,1	kW
For air-to-water heat pumps: T _j = -15°C (if TOL < -20°C)	P _{dh}		kW
Bivalent temperature	T _{biv}	-10	°C

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η _s	197	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20°C and outdoor temperature T _j			
T _j = -7°C	COP _d	4,87	
T _j = +2°C	COP _d	5,25	
T _j = +7°C	COP _d	5,63	
T _j = +12°C	COP _d	6,06	
T _j = bivalent temperature	COP _d	4,80	
T _j = operation limit temperature	COP _d	4,80	
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	TOL	-10	°C
Heating water operating limit temperature	WTOL	62	°C

Item	Symbol	Value
Degradation co-efficient (**)	C _{dh}	
T _j = -7°C	C _{dh}	0,99
T _j = +2°C	C _{dh}	0,99
T _j = +7°C	C _{dh}	0,99
T _j = +12°C	C _{dh}	0,99
For air-to-water heat pumps: T _j = -15°C (if TOL < -20°C)	C _{dh}	

Power consumption in modes other than active mode

Off mode	P _{OFF}	0,015	kW
Thermostat-off mode	P _{TO}	0,020	kW
Standby mode	P _{SB}	0,015	kW
Crankcase heater mode	P _{CK}	0,000	kW

Other items

Capacity control		fixed	
Sound power level, indoors/outdoors	L _{WA}	46 / 0	dB
Annual energy consumption	Q _{HE}	2.463	kWh

For heat combination heater:

Declared load profile		L	
Daily electricity consumption	Q _{elec}		kWh

Supplementary heater

Rated heat output (*)	P _{sup}	0,00	kW
Type of energy input	electricity		

For air-to-water heat pumps: Rated air flow rate, outdoors	--		m³/h
For water-/brine-to water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	--	1,45	m³/h

Water heating energy efficiency	η _{wh}	98	%
Annual electricity consumption	AEC	1.050	kWh

Contact details Max Weishaupt GmbH, Max-Weishaupt-Straße 14, 88475 Schwendi, Tel. 07353/83-0

(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(**) If C_{dh} is not determined by measurement then the default degradation coefficient is C_{dh} = 0,9.

Technical parameters

- weishaupt -

Manufacturer:	Max Weishaupt GmbH
Model:	WWP S 6 IDT-2
	Brine - to-water heat pump
Low-temperature heat pump:	Nein
Equipped with a supplementary heater:	Nein
Heat pump combination heater:	
Application:	medium
Climate:	average

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6	kW
Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature T _j			
T _j = -7°C	P _{dh}	5,6	kW
T _j = +2°C	P _{dh}	5,8	kW
T _j = +7°C	P _{dh}	6,0	kW
T _j = +12°C	P _{dh}	6,1	kW
T _j = bivalent temperature	P _{dh}	5,5	kW
T _j = operation limit temperature	P _{dh}	5,5	kW
For air-to-water heat pumps: T _j = -15°C (if TOL < -20°C)	P _{dh}		kW
Bivalent temperature	T _{biv}	-10	°C

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η _s	135	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20°C and outdoor temperature T _j			
T _j = -7°C	COP _d	2,95	
T _j = +2°C	COP _d	3,62	
T _j = +7°C	COP _d	4,16	
T _j = +12°C	COP _d	4,84	
T _j = bivalent temperature	COP _d	2,79	
T _j = operation limit temperature	COP _d	2,79	
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	TOL	-10	°C
Heating water operating limit temperature	WTOL	62	°C

Item	Symbol	Value
Degradation co-efficient (**)	C _{dh}	
T _j = -7°C	C _{dh}	0,99
T _j = +2°C	C _{dh}	0,99
T _j = +7°C	C _{dh}	0,99
T _j = +12°C	C _{dh}	0,99
For air-to-water heat pumps: T _j = -15°C (if TOL < -20°C)	C _{dh}	

Power consumption in modes other than active mode

Off mode	P _{OFF}	0,015	kW
Thermostat-off mode	P _{TO}	0,020	kW
Standby mode	P _{SB}	0,015	kW
Crankcase heater mode	P _{CK}	0,000	kW

Other items

Capacity control		fixed	
Sound power level, indoors/outdoors	L _{WA}	46 / 0	dB
Annual energy consumption	Q _{HE}	3.171	kWh

For heat combination heater:

Declared load profile		L	
Daily electricity consumption	Q _{elec}		kWh

Supplementary heater

Rated heat output (*)	P _{sup}	0,00	kW
Type of energy input	electricity		

For air-to-water heat pumps: Rated air flow rate, outdoors	--		m³/h
For water-/brine-to water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	--	1,45	m³/h

Water heating energy efficiency	η _{wh}	98	%
Annual electricity consumption	AEC	1.050	kWh

Contact details Max Weishaupt GmbH, Max-Weishaupt-Straße 14, 88475 Schwendi, Tel. 07353/83-0

(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(**) If C_{dh} is not determined by measurement then the default degradation coefficient is C_{dh} = 0,9.

Technical parameters

- weishaupt -

Manufacturer:	Max Weishaupt GmbH
Model:	WWP S 6 IDT-2
	Brine - to-water heat pump
Low-temperature heat pump:	Nein
Equipped with a supplementary heater:	Nein
Heat pump combination heater:	
Application:	low
Climate:	colder

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6	kW
Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature T _j			
T _j = -7°C	P _{dh}	6,2	kW
T _j = +2°C	P _{dh}	6,2	kW
T _j = +7°C	P _{dh}	6,3	kW
T _j = +12°C	P _{dh}	6,3	kW
T _j = bivalent temperature	P _{dh}	6,1	kW
T _j = operation limit temperature	P _{dh}	6,1	kW
For air-to-water heat pumps: T _j = -15°C (if TOL < -20°C)	P _{dh}	6,2	kW
Bivalent temperature	T _{biv}	-20	°C

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η _s	206	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20°C and outdoor temperature T _j			
T _j = -7°C	COP _d	5,34	
T _j = +2°C	COP _d	5,67	
T _j = +7°C	COP _d	5,95	
T _j = +12°C	COP _d	6,02	
T _j = bivalent temperature	COP _d	4,94	
T _j = operation limit temperature	COP _d	4,80	
For air-to-water heat pumps: T _j = -15°C (if TOL < -20°C)	COP _d	5,17	
For air-to-water heat pumps: Operation limit temperature	TOL	-22	°C
Heating water operating limit temperature	WTOL	62	°C

Item	Symbol	Value
Degradation co-efficient (**)	C _{dh}	
T _j = -7°C	C _{dh}	0,99
T _j = +2°C	C _{dh}	0,99
T _j = +7°C	C _{dh}	0,99
T _j = +12°C	C _{dh}	0,99
For air-to-water heat pumps: T _j = -15°C (if TOL < -20°C)	C _{dh}	0,99

Power consumption in modes other than active mode

Off mode	P _{OFF}	0,015	kW
Thermostat-off mode	P _{TO}	0,020	kW
Standby mode	P _{SB}	0,015	kW
Crankcase heater mode	P _{CK}	0,000	kW

Other items

Capacity control		fixed	
Sound power level, indoors/outdoors	L _{WA}	46 / 0	dB
Annual energy consumption	Q _{HE}	2.979	kWh

For heat combination heater:

Declared load profile		L	
Daily electricity consumption	Q _{elec}		kWh

Supplementary heater

Rated heat output (*)	P _{sup}	0,37	kW
Type of energy input	electricity		

For air-to-water heat pumps: Rated air flow rate, outdoors	--		m³/h
For water-/brine-to water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	--	1,45	m³/h

Water heating energy efficiency	η _{wh}	98	%
Annual electricity consumption	AEC	1.050	kWh

Contact details Max Weishaupt GmbH, Max-Weishaupt-Straße 14, 88475 Schwendi, Tel. 07353/83-0

(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(**) If C_{dh} is not determined by measurement then the default degradation coefficient is C_{dh} = 0,9.

Technical parameters

- weishaupt -

Manufacturer:	Max Weishaupt GmbH
Model:	WWP S 6 IDT-2
	Brine - to-water heat pump
Low-temperature heat pump:	Nein
Equipped with a supplementary heater:	Nein
Heat pump combination heater:	
Application:	medium
Climate:	colder

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6	kW
Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature T _j			
T _j = -7°C	P _{dh}	5,8	kW
T _j = +2°C	P _{dh}	5,9	kW
T _j = +7°C	P _{dh}	6,1	kW
T _j = +12°C	P _{dh}	6,2	kW
T _j = bivalent temperature	P _{dh}	5,6	kW
T _j = operation limit temperature	P _{dh}	5,5	kW
For air-to-water heat pumps: T _j = -15°C (if TOL < -20°C)	P _{dh}	5,7	kW
Bivalent temperature	T _{biv}	-20	°C

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η _s	141	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20°C and outdoor temperature T _j			
T _j = -7°C	COP _d	3,48	
T _j = +2°C	COP _d	4,07	
T _j = +7°C	COP _d	4,61	
T _j = +12°C	COP _d	5,13	
T _j = bivalent temperature	COP _d	2,91	
T _j = operation limit temperature	COP _d	2,79	
For air-to-water heat pumps: T _j = -15°C (if TOL < -20°C)	COP _d	3,16	
For air-to-water heat pumps: Operation limit temperature	TOL	-22	°C
Heating water operating limit temperature	WTOL	62	°C

Item	Symbol	Value
Degradation co-efficient (**)	C _{dh}	
T _j = -7°C	C _{dh}	0,99
T _j = +2°C	C _{dh}	0,99
T _j = +7°C	C _{dh}	0,99
T _j = +12°C	C _{dh}	0,99
For air-to-water heat pumps: T _j = -15°C (if TOL < -20°C)	C _{dh}	0,99

Power consumption in modes other than active mode

Off mode	P _{OFF}	0,015	kW
Thermostat-off mode	P _{TO}	0,020	kW
Standby mode	P _{SB}	0,015	kW
Crankcase heater mode	P _{CK}	0,000	kW

Other items

Capacity control		fixed	
Sound power level, indoors/outdoors	L _{WA}	46 / 0	dB
Annual energy consumption	Q _{HE}	3.869	kWh

For heat combination heater:

Declared load profile		L	
Daily electricity consumption	Q _{elec}		kWh

Supplementary heater

Rated heat output (*)	P _{sup}	0,36	kW
Type of energy input	electricity		

For air-to-water heat pumps: Rated air flow rate, outdoors	--		m³/h
For water-/brine-to water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	--	1,45	m³/h

Water heating energy efficiency	η _{wh}	98	%
Annual electricity consumption	AEC	1.050	kWh

Contact details Max Weishaupt GmbH, Max-Weishaupt-Straße 14, 88475 Schwendi, Tel. 07353/83-0

(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(**) If C_{dh} is not determined by measurement then the default degradation coefficient is C_{dh} = 0,9.

Technical parameters

- weishaupt -

Manufacturer:	Max Weishaupt GmbH
Model:	WWP S 6 IDT-2
	Brine - to-water heat pump
Low-temperature heat pump:	Nein
Equipped with a supplementary heater:	Nein
Heat pump combination heater:	
Application:	low
Climate:	warmer

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6	kW
Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature T _j			
T _j = -7°C	P _{dh}		kW
T _j = +2°C	P _{dh}	6,1	kW
T _j = +7°C	P _{dh}	6,2	kW
T _j = +12°C	P _{dh}	6,3	kW
T _j = bivalent temperature	P _{dh}	6,1	kW
T _j = operation limit temperature	P _{dh}	6,1	kW
For air-to-water heat pumps: T _j = -15°C (if TOL < -20°C)	P _{dh}		kW
Bivalent temperature	T _{biv}	2	°C

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η _s	194	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20°C and outdoor temperature T _j			
T _j = -7°C	COP _d		
T _j = +2°C	COP _d	4,80	
T _j = +7°C	COP _d	5,16	
T _j = +12°C	COP _d	5,77	
T _j = bivalent temperature	COP _d	4,80	
T _j = operation limit temperature	COP _d	4,80	
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	TOL	2	°C
Heating water operating limit temperature	WTOL	62	°C

Item	Symbol	Value
Degradation co-efficient (**)	C _{dh}	
T _j = -7°C	C _{dh}	
T _j = +2°C	C _{dh}	0,99
T _j = +7°C	C _{dh}	0,99
T _j = +12°C	C _{dh}	0,99
For air-to-water heat pumps: T _j = -15°C (if TOL < -20°C)	C _{dh}	

Power consumption in modes other than active mode

Off mode	P _{OFF}	0,015	kW
Thermostat-off mode	P _{TO}	0,020	kW
Standby mode	P _{SB}	0,015	kW
Crankcase heater mode	P _{CK}	0,000	kW

Other items

Capacity control		fixed	
Sound power level, indoors/outdoors	L _{WA}	46 / 0	dB
Annual energy consumption	Q _{HE}	1.611	kWh

For heat combination heater:

Declared load profile		L	
Daily electricity consumption	Q _{elec}		kWh

Supplementary heater

Rated heat output (*)	P _{sup}	0,00	kW
Type of energy input	electricity		

For air-to-water heat pumps: Rated air flow rate, outdoors	--		m³/h
For water-/brine-to water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	--	1,45	m³/h

Water heating energy efficiency	η _{wh}	98	%
Annual electricity consumption	AEC	1.050	kWh

Contact details Max Weishaupt GmbH, Max-Weishaupt-Straße 14, 88475 Schwendi, Tel. 07353/83-0

(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(**) If C_{dh} is not determined by measurement then the default degradation coefficient is C_{dh} = 0,9.

Technical parameters

- weishaupt -

Manufacturer:	Max Weishaupt GmbH
Model:	WWP S 6 IDT-2
	Brine - to-water heat pump
Low-temperature heat pump:	Nein
Equipped with a supplementary heater:	Nein
Heat pump combination heater:	
Application:	medium
Climate:	warmer

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6	kW
Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature T _j			
T _j = -7°C	P _{dh}		kW
T _j = +2°C	P _{dh}	5,5	kW
T _j = +7°C	P _{dh}	5,7	kW
T _j = +12°C	P _{dh}	6,0	kW
T _j = bivalent temperature	P _{dh}	5,5	kW
T _j = operation limit temperature	P _{dh}	5,5	kW
For air-to-water heat pumps: T _j = -15°C (if TOL < -20°C)	P _{dh}		kW
Bivalent temperature	T _{biv}	2	°C

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	η _s	134	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20°C and outdoor temperature T _j			
T _j = -7°C	COP _d		
T _j = +2°C	COP _d	2,79	
T _j = +7°C	COP _d	3,31	
T _j = +12°C	COP _d	4,37	
T _j = bivalent temperature	COP _d	2,79	
T _j = operation limit temperature	COP _d	2,79	
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	TOL	2	°C
Heating water operating limit temperature	WTOL	62	°C

Item	Symbol	Value
Degradation co-efficient (**)	C _{dh}	
T _j = -7°C	C _{dh}	
T _j = +2°C	C _{dh}	0,99
T _j = +7°C	C _{dh}	0,99
T _j = +12°C	C _{dh}	0,99
For air-to-water heat pumps: T _j = -15°C (if TOL < -20°C)	C _{dh}	

Power consumption in modes other than active mode

Off mode	P _{OFF}	0,015	kW
Thermostat-off mode	P _{TO}	0,020	kW
Standby mode	P _{SB}	0,015	kW
Crankcase heater mode	P _{CK}	0,000	kW

Other items

Capacity control		fixed	
Sound power level, indoors/outdoors	L _{WA}	46 / 0	dB
Annual energy consumption	Q _{HE}	2.071	kWh

For heat combination heater:

Declared load profile		L	
Daily electricity consumption	Q _{elec}		kWh

Supplementary heater

Rated heat output (*)	P _{sup}	0,00	kW
Type of energy input	electricity		

For air-to-water heat pumps: Rated air flow rate, outdoors	--		m³/h
For water-/brine-to water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	--	1,45	m³/h

Water heating energy efficiency	η _{wh}	98	%
Annual electricity consumption	AEC	1.050	kWh

Contact details Max Weishaupt GmbH, Max-Weishaupt-Straße 14, 88475 Schwendi, Tel. 07353/83-0

(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(**) If C_{dh} is not determined by measurement then the default degradation coefficient is C_{dh} = 0,9.