

10371541

**NOVELAN** 

SICV6.2H3



55 °C

35 °C







**44** dB



dB

6

**6** kW **6** 

**6** 

**6** kW



2019

811/2013



10371541

**NOVELAN** 

SICV6.2H3



55 °C

35 °C



A+++

A+++

Λ+

Λ

В

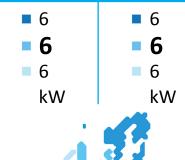
C



**44** dB



**-** dB





2019

811/2013



## IJA ENERG енергия · ενεργεια

10371541

**NOVELAN** 

SICV6.2H3 + WPR-Net 2.1























B

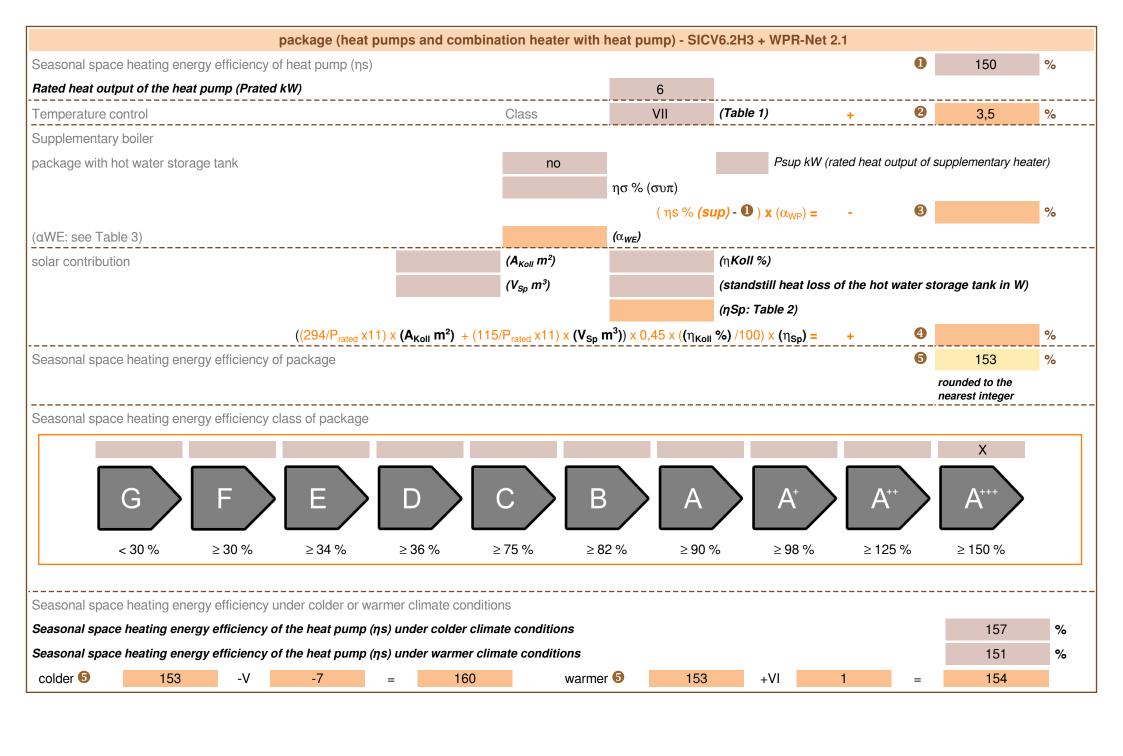
E

G





811/2013



manufacture.	NOVEL AN		
manufacturer:	NOVELAN		
model:	SICV6.2H3		
Information concerning energy efficiency class and rate	ed heat output:		
	average / low	average / medium	
energy efficiency class space heater:	A+++	A+++	_
rated heat output:	6	6	kW
energy efficiency space heater:	199	150	%
annual final energy consumption space heater	2192	2878	kWh
эт э			
sound power level indoors		44	dB
		<u>.</u>	·!
All instructional work in this manual may only be carried out by regulations.	or maintenance v qualified specialist persor	nel in compliance with loca	al
		nel in compliance with loca	al
		nel in compliance with loca	al
regulations.		nel in compliance with loca	al
regulations.  additional information	qualified specialist persor		al kW
additional information rated heat output colder climate	qualified specialist persor	medium	
additional information rated heat output colder climate rated heat output warmer climate	o qualified specialist person low	medium 6	kW
additional information rated heat output colder climate rated heat output warmer climate energy effiency space heater colder climate	low 6 6	medium 6 6	kW kW
additional information rated heat output colder climate rated heat output warmer climate energy effiency space heater colder climate energy effiency space heater warmer climate	low 6 6 210	medium 6 6 157	kW kW
	low 6 6 210 202	medium 6 6 157 151	kW kW %
additional information rated heat output colder climate rated heat output warmer climate energy effiency space heater colder climate energy effiency space heater warmer climate annual energy consumption space heater colder climate	low 6 6 210 202 2482	medium 6 6 157 151 3288	kW kW % kWh

technical data of the temperature controller						
manufacturer:	urer: NOVELAN					
model:	WPR-Net 2.1					
controller class	VII	-				
contribution of the controller to the energy efficiency space heater	3,5	%				

Model				SICV6.2H3				
Air-to-water heat pump: (yes/no)			no					
Brine-to-water heat pump: (yes/no)				yes				
Water-to-water heat pump: (yes/no)				no				
Low-temperature heat pump: (yes/no)			no					
Equipped with supplementary heater: (yes/no)				yes				
combination heater with: (yes/no)			no					
application: (low/medium)				medium				
climate: (colder/average/warmer)			average					
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit	
Rated heat output	Prated	6	kW	Seasonal space heating	ηS	149,9	%	
Trated fiedt output	Traicu		IXVV	energy efficiency	ا	140,0	70	
Declared coefficient of perfor temperature 20°C and outdoo			indoor	Declared coefficient of perfor temperature 20°C and outdoo			indoor	
Tj = -7°C	Pdh	5,0	kW	Tj = -7°C	COPd	3,06	-	
Tj = +2°C	Pdh	3,0	kW	Tj = +2°C	COPd	3,97	-	
Tj = +7°C	Pdh	2,0	kW	Tj = +7°C	COPd	4,63	-	
Tj = +12°C	Pdh	1,2	kW	Tj = +12°C	COPd	4,86	-	
Tj = bivalent temperature	Pdh	5,4	kW	Tj = bivalent temperature	COPd	2,84	-	
Tj = operation limit temperature	Pdh	5,4	kW	Tj = operation limit temperature	COPd	2,84	-	
For air-to-water heat pumps: Tj = -15°C (if TOL < -20°C)	Pdh	-	kW	For air-to-water heat pumps: Tj = -15°C (if TOL < -20°C)	COPd	-	-	
Bivalent temperature	T <sub>biv</sub>	-10	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C	
Cycling interval capacity for heating	Pcych	-	kW	Cycling interval efficiency	COPcyc	-	-	
Degradation co-efficient (**)	Cdh	1,0	-	Heating water operating limit temperature	WTOL	65	°C	
Power consumption in modes	other tha	n active mod	e	Supplementary heater				
Off mode	P <sub>OFF</sub>	0,002	kW	Rated heat output	Psup	-	kW	
Thermostat-off mode	P <sub>TO</sub>	0,007	kW	Type of energy input		electrical		
Standby mode	$P_SB$	0,007	kW					
Crankcase heater mode	P <sub>CK</sub>	0,009	kW					
Other items					•			
Capacity control	variable			For air-to-water heat pumps: Rated air flow rate, outdoors	-	-	m <sup>3</sup> /h	
sound power level, indoors/outdoors	L <sub>WA</sub>	44 / -	dB	For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	1	m <sup>3</sup> /h	
Emissions of nitrogen oxides	NO <sub>X</sub>	-	mg/kWh					
For heat pump combination h	eater:							
Declared load profile		-		Water heating energy efficiency	$\eta_{wh}$	-	%	
Daily electricity consumption	Q <sub>elec</sub>	-	kWh	Daily fuel consumption	Qfuel	-	kWh	
Contact details		land GmbH Ir	ndustriestr. 3	95359 Kasendorf Germany	-	-	-	
				the rated heat output Prated is equ equal to the supplementary capac			eating	
(**) If Cdh is not determined by m	neasuremen	t then the defa	ault degrada	tion coefficient is Cdh = 0,9.				

Serine-to-water heat pump: (yes/no)	Model				SICV6.2H3				
Mater-to-water heat pump: (yes/no)	Air-to-water heat pump: (yes/no)								
Counting the part pumps: (yes/no)   yes	Brine-to-water heat pump: (yes/no)				yes				
Equipped with supplementary heater: (yes/no)	Water-to-water heat pump: (yes/no)				no	no			
Declared Coefficient (low/medium)   Iow	Low-temperature heat pump: (yes/no)								
Declared (colder/average/warmer)   Declared (colder/average/warmer)   Declared (colder/average/warmer)   Declared coefficient of performance for part load at indoor temperature 20°C and outdoor temperature T   Declared coefficient of performance for part load at indoor temperature 20°C and outdoor temperature T   Declared coefficient of performance for part load at indoor temperature 20°C and outdoor temperature T   Declared coefficient of performance for part load at indoor temperature 20°C and outdoor temperature T   Declared coefficient of performance for part load at indoor temperature 20°C and outdoor temperature T   Declared coefficient of performance for part load at indoor temperature 20°C and outdoor temperature T   Declared coefficient of performance for part load at indoor temperature 20°C and outdoor temperature T   Declared coefficient of performance for part load at indoor temperature 20°C and outdoor temperature T   Declared Coefficient T									
Symbol   Value   Unit   Item   Symbol   Value   Unit	combination heater with: (yes/no)	)			no				
Name	application: (low/medium)				low				
Prated   6   RW   Seasonal space heating energy efficiency   ns   199.4   %   we hear output   Prated   6   RW   Seasonal space heating energy efficiency   ns   199.4   %   we hear of the preformance for part load at indoor temperature 20°C and outdoor temperature Tj   Tj = 7°C   Pdh   5.0   RW   Tj = -7°C   COPd   4.37   - Tj = 42°C   Pdh   3.1   RW   Tj = +2°C   COPd   5.24   - Tj = +2°C   Tj = by alent temperature   Pdh   5.4   RW   Tj = 5°C   Tj = by alent temperature   Pdh   5.4   RW   Tj = operation limit temperature   COPd   4.15   - Tj = operation limit temperature   Tj = 15°C (if TOL < -20°C)   Pdh   - RW   For air-to-water heat pumps: Tj = -15°C (if TOL < -20°C)   Pdh   - RW   For air-to-water heat pumps: Tj = -15°C (if TOL < -20°C)   Poych   - RW   Cycling interval efficiency   COPcyc   - Reating nearly for heating   Degradation co-efficient (°°)   Cdh   T,0   - Heating water operating limit temperature   The properation   Poych   Power consumption in modes other than active mode   Supplementary heater   Poych   P	climate: (colder/average/warmer)	)			average				
Declared coefficient of performance for part load at indoor temperature 20°C and outdoor temperature Tj	Item	Symbol	Value	Unit	Item	Symbol	Value	Unit	
temperature 20°C and outdoor temperature Tj         temperature 20°C and outdoor temperature Tj           Tj = -7°C         Pdh         5.0         kW         Tj = -7°C         COPd         4,37         -           Tj = +2°C         Pdh         3,1         kW         Tj = +2°C         COPd         5,24         -           Tj = +7°C         Pdh         2,0         kW         Tj = +7°C         COPd         5,92         -           Tj = bivalent temperature         Pdh         1,3         kW         Tj = +12°C         COPd         5,92         -           Tj = bivalent temperature         Pdh         5,4         kW         Tj = bivalent temperature         COPd         4,15         -           Tj = operation limit temperature         Pdh         5,4         kW         Tj = bivalent temperature         COPd         4,15         -           For air-to-water heat pumps: Tj         Pdh         -         kW         For air-to-water heat pumps: Tj         COPd         -         -           Bivalent temperature         Top         -10         °C         For air-to-water heat pumps: Tj         COPd         -         -         -         -         -         -         -         -         -         -         -	Rated heat output	Prated	6	kW		ηS	199,4	%	
$ T_j = +2^{\circ}C                                    $				indoor				indoor	
$ T_j = +7  ^\circ \text{C} \qquad \text{Pdh} \qquad 2,0 \qquad \text{kW} \qquad T_j = +7  ^\circ \text{C} \qquad \text{COPd} \qquad 5,92 \qquad - \\ T_j = +12  ^\circ \text{C} \qquad \text{Pdh} \qquad 1,3 \qquad \text{kW} \qquad T_j = +12  ^\circ \text{C} \qquad \text{COPd} \qquad 5,95 \qquad - \\ T_j = \text{bivalent temperature} \qquad \text{Pdh} \qquad 5,4 \qquad \text{kW} \qquad T_j = \text{bivalent temperature} \qquad \text{COPd} \qquad 4,15 \qquad - \\ T_j = \text{operation limit temperature} \qquad \text{Pdh} \qquad 5,4 \qquad \text{kW} \qquad T_j = \text{operation limit temperature} \qquad \text{COPd} \qquad 4,15 \qquad - \\ T_j = \text{operation limit temperature} \qquad \text{Pdh} \qquad 5,4 \qquad \text{kW} \qquad T_j = \text{operation limit temperature} \qquad \text{COPd} \qquad 4,15 \qquad - \\ \text{For air-to-water heat pumps: } T_j \qquad \text{COPd} \qquad - \qquad - \\ \text{For air-to-water heat pumps: } T_j \qquad \text{COPd} \qquad - \qquad - \\ \text{For air-to-water heat pumps: } T_j \qquad \text{COPd} \qquad - \qquad - \\ \text{COPd} \qquad - \qquad - \qquad - \\ \text{Power core consumption} \qquad - \qquad \text{kW} \qquad \text{For air-to-water heat pumps:} \qquad \text{TOL} \qquad - 10 \qquad  ^\circ \text{C} \qquad - \\ \text{Cycling interval capacity for heating} \qquad - \qquad \text{kW} \qquad \text{Cycling interval efficiency} \qquad \text{COPcyc} \qquad - \qquad - \\ \text{Power consumption in modes other than active mode} \qquad \qquad \text{Cycling interval pumps:} \qquad \text{TOL} \qquad - \\ \text{Power consumption in modes other than active mode} \qquad \qquad \text{Supplementary heater} \qquad - \qquad \text{kW} \qquad - \\ \text{Thermostat-off mode} \qquad P_{\text{OFF}} \qquad 0,002 \qquad \text{kW} \qquad - \\ \text{Thermostat-off mode} \qquad P_{\text{PoF}} \qquad 0,007 \qquad \text{kW} \qquad - \\ \text{Thermostat-off mode} \qquad P_{\text{Po}} \qquad 0,007 \qquad \text{kW} \qquad - \\ \text{Corankcase heater mode} \qquad P_{\text{CK}} \qquad 0,009 \qquad \text{kW} \qquad - \\ \text{Thermostat-off mode} \qquad P_{\text{CK}} \qquad 0,009 \qquad \text{kW} \qquad - \\ \text{Thermostat-off mode} \qquad P_{\text{CK}} \qquad 0,009 \qquad \text{kW} \qquad - \\ \text{Corankcase heater mode} \qquad P_{\text{CK}} \qquad 0,009 \qquad \text{kW} \qquad - \\ \text{Thermostat-off mode} \qquad P_{\text{CK}} \qquad 0,009 \qquad \text{kW} \qquad - \\ \text{Corankcase heater mode} \qquad P_{\text{CK}} \qquad 0,009 \qquad \text{kW} \qquad - \\ \text{Corankcase heater mode} \qquad P_{\text{CK}} \qquad 0,009 \qquad \text{kW} \qquad - \\ \text{Thermostat-off mode} \qquad P_{\text{CK}} \qquad 0,009 \qquad \text{kW} \qquad - \\ \text{Corankcase heater mode} \qquad P_{\text{CK}} \qquad 0,009 \qquad \text{kW} \qquad - \\ \text{Corankcase heater mode} \qquad P_{\text{CK}} \qquad 0,009 \qquad \text{kW} \qquad - \\ \text{Corankcase heater mode} \qquad P_{\text{CK}} \qquad 0,009 \qquad \text{kW} \qquad - \\ \text{Corankcase heater mode} \qquad P_{\text{CK}} \qquad 0,009 \qquad \text{kW} \qquad - \\ \text{Corankcase heater mode} \qquad P_{$	Tj = -7°C	Pdh	5,0	kW	Tj = -7°C	COPd	4,37	-	
Tj = +12°C Pdh 1,3 kW Tj = +12°C COPd 5,95 - Tj = bivalent temperature Pdh 5,4 kW Tj = bivalent temperature COPd 4,15 - Tj = operation limit temperature Pdh 5,4 kW Tj = operation limit temperature COPd 4,15 - Tj = operation limit temperature Pdh 5,4 kW Tj = operation limit temperature COPd 4,15 - For air-to-water heat pumps: Tj = -15°C (if TOL < -20°C)  Bivalent temperature T <sub>biv</sub> -10 °C For air-to-water heat pumps: Tj = -15°C (if TOL < -20°C)  Bivalent temperature T <sub>biv</sub> -10 °C For air-to-water heat pumps: ToL -10 °C  Cycling interval capacity for Pcych - kW Cycling interval efficiency COPcyc heating Coperation limit temperature COPd 5,95  Cycling interval capacity for Pcych - kW Cycling interval efficiency COPcyc heating water operating limit temperature COPcyc  Power consumption in modes other than active mode Coperating water operating limit to WTOL 65 °C  Power consumption in modes other than active mode Coperating water operating limit to WTOL 65 °C  Thermostat-off mode Poper 0,002 kW Rated heat output Psup - kW  Thermostat-off mode Poper 0,007 kW Type of energy input electrical  Standby mode Pok 0,009 kW Type of energy input electrical  Scanacity control Variable For air-to-water heat pumps: Rated air flow rate, outdoors  Sound power level, and one water flow rate, outdoors  Sound power level, and one water flow rate, outdoors  For water-/brine-to-water heat - 1 m³/h pumps: Rated brine or water flow rate, outdoor heat exchanger  For heat pump combination heater:  Declared load profile Poper Nove Rated flower or water flow rate, outdoor heat exchanger  The poperation water flow pages heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating energy profice on the design load for heating energy of the heating sup(Tj).	Tj = +2°C	Pdh	3,1	kW	Tj = +2°C	COPd	5,24	-	
Tj = bivalent temperature Pdh 5,4 kW Tj = bivalent temperature COPd 4,15 - Tj = operation limit temperature Pdh 5,4 kW Tj = operation limit temperature COPd 4,15 - Tj = operation limit temperature Pdh 5,4 kW Tj = operation limit temperature COPd 4,15 - For air-to-water heat pumps: Tj = -15°C (if TOL < -20°C) Bivalent temperature T <sub>biv</sub> -10 °C For air-to-water heat pumps: TOL -10 °C Special interval capacity for heating interval capacity for heating Degradation co-efficient (**) Cdh 1,0 - Heating water operating limit temperature Degradation co-efficient (**) Cdh 1,0 - Heating water operating limit temperature Degradation co-efficient (**) Cdh 1,0 - Heating water operating limit temperature Degradation co-efficient (**) Cdh 1,0 - Heating water operating limit temperature Degradation co-efficient (**) Cdh 1,0 - Heating water operating limit temperature Degradation co-efficient (**) Cdh 1,0 - Heating water operating limit temperature Degradation co-efficient (**) Cdh 1,0 - Heating water operating limit temperature Degradation co-efficient (**) Cdh 1,0 - Heating water operating limit temperature Degradation co-efficient (**) Cdh 1,0 - Heating water operating limit temperature Degradation co-efficient (**) Cdh 1,0 - Heating water operating limit temperature Degradation degradation co-efficient (**) Cdh 1,0 - Heating water operating limit temperature Degradation degrada	Tj = +7°C	Pdh	2,0	kW	Tj = +7°C	COPd	5,92	-	
Tj = operation limit temperature Pdh 5,4 kW Tj = operation limit temperature COPd 4,15 - For air-to-water heat pumps: Tj = -15° C (if TDL < -20° C)  Bivalent temperature Tbw -10 °C For air-to-water heat pumps: Tj = -15° C (if TDL < -20° C)  Bivalent temperature Tbw -10 °C For air-to-water heat pumps: ToL -10 °C  Cycling interval capacity for Pcych - kW Cycling interval efficiency COPcyc heating  Degradation co-efficient (**) Cdh 1,0 - Heating water operating limit temperature  Degradation co-efficient (**) Cdh 1,0 - Heating water operating limit temperature  Doff mode PoFF 0,002 kW Rated heat output Psup - kW  Thermostat-off mode PoFB 0,007 kW Type of energy input electrical  Standby mode PSB 0,009 kW  Crankcase heater mode PCK 0,009 kW  Crankcase heater mode PCK 0,009 kW  Crankcase heater mode PCK 0,009 kW  Charletes  Capacity control Variable For air-to-water heat pumps: Rated air flow rate, outdoors  Sound power level, LWA 44/- dB For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoors  Emissions of nitrogen oxides NO <sub>X</sub> - mg/kWh  For heat pump combination heater:  Declared load profile - Water heating energy efficiency Nwh - %  Daily electricity consumption Qelec - kWh Daily fuel consumption Qfuel - kWh  Contact details ait deutschland GmbH Industriestrs. 3 95359 Kasendorf Germany  Contact details ait deutschland GmbH Industriestrs, the rated heat output 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).	Tj = +12°C	Pdh	1,3	kW	Tj = +12°C	COPd	5,95	-	
For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C)  Bivalent temperature  T	Tj = bivalent temperature	Pdh	5,4	kW	Tj = bivalent temperature	COPd	4,15	-	
= -15 °C (if TOL < -20 °C)  Bivalent temperature  T biv -10 °C For air-to-water heat pumps: Operation limit temperature  T Cycling interval capacity for heating Degradation co-efficient (**)  C Ch  T Cycling interval efficiency  C COPcyc	Tj = operation limit temperature	Pdh	5,4	kW	Tj = operation limit temperature	COPd	4,15	-	
Cycling interval capacity for heating  Cycling interval efficiency  Cycling interval efficiency  Cycling interval efficiency  CoPcyc  - heating  WTOL  65  °C  Cycling interval efficiency  CoPcyc  - heating  WTOL  65  °C  Cycling interval efficiency  CoPcyc  - heating water operating limit temperature  Supplementary heater  Supplementary heater  Supplementary heater  Supplementary heater  Type of energy input  electrical  For air-to-water heat pumps: Rated air flow rate, outdoors  Sound power level, Indoors/outdoors  Capacity control  Variable  Variable  Variable  Add  For water-/brine-to-water heat pumps: Rated air flow rate, outdoor heat pumps: Rated brine or water flow rate, outdoor heat exchanger  Emissions of nitrogen oxides  NO <sub>X</sub> - mg/kWh  For heat pump combination heater:  Declared load profile  Daily electricity consumption  Qelec  - kWh  Daily fuel consumption  Qfuel  - kWh  Contact details  (*) 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).	For air-to-water heat pumps: Tj = -15°C (if TOL < -20°C)	Pdh	-	kW		COPd	-	-	
Degradation co-efficient (**)  Cdh  1,0  - Heating water operating limit temperature  Supplementary heater  Off mode  Poff  0,002  KW  Rated heat output  Psup  Rated heat	Bivalent temperature	T <sub>biv</sub>	-10	°C		TOL	-10	°C	
Power consumption in modes other than active mode  Off mode  Poff 0,002 kW Rated heat output Psup - kW  Thermostat-off mode	Cycling interval capacity for heating	Pcych	-	kW	Cycling interval efficiency	COPcyc	-	-	
Off mode	Degradation co-efficient (**)	Cdh	1,0	-		WTOL	65	°C	
Thermostat-off mode	Power consumption in modes	other thai	n active mod	e	Supplementary heater				
Thermostat-off mode	Off mode	P <sub>OFF</sub>	0,002	kW	Rated heat output	Psup	-	kW	
Crankcase heater mode	Thermostat-off mode		0,007	kW	Type of energy input		electrical		
Capacity control  Variable  Variable  For air-to-water heat pumps: Rated air flow rate, outdoors  For water-/brine-to-water heat pumps: Rated air flow rate, outdoors  Sound power level, indoors/outdoors  For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger  Emissions of nitrogen oxides  NO <sub>X</sub> - mg/kWh  For heat pump combination heater:  Declared load profile  - Water heating energy efficiency \$\eta_{wh}\$ - %  Daily electricity consumption  Qelec  - kWh  Daily fuel consumption  Qfuel  - kWh  Contact details  ait deutschland GmbH Industriestr. 3 95359 Kasendorf Germany  (*) 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).	Standby mode	P <sub>SB</sub>	0,007	kW					
Capacity control  Variable  For air-to-water heat pumps: Rated air flow rate, outdoors  Sound power level, indoors/outdoors  LWA  44 /-  dB  For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat pumps: Rated brine or water flow rate, outdoor heat exchanger  Emissions of nitrogen oxides  NO <sub>X</sub> - mg/kWh  For heat pump combination heater:  Declared load profile  - Water heating energy efficiency  Awh  - %  Daily electricity consumption  Qelec  - kWh  Daily fuel consumption  Qfuel  - kWh  Contact details  ait deutschland GmbH Industriestr. 3 95359 Kasendorf Germany  (*) 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).	Crankcase heater mode	P <sub>CK</sub>	0,009	kW					
Rated air flow rate, outdoors  Sound power level, indoors/outdoors  Emissions of nitrogen oxides  NO <sub>X</sub> NO <sub>X</sub> Mater heating energy efficiency  NO <sub>X</sub>	Other items				_			_	
pumps: Rated brine or water flow rate, outdoor heat exchanger  Emissions of nitrogen oxides NO <sub>X</sub> - mg/kWh  For heat pump combination heater:  Declared load profile - Water heating energy efficiency $\eta_{wh}$ - %  Daily electricity consumption $Q_{elec}$ - kWh Daily fuel consumption Qfuel - kWh  Contact details ait deutschland GmbH Industriestr. 3 95359 Kasendorf Germany  (*) 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).	Capacity control	variable				-	-	m <sup>3</sup> /h	
For heat pump combination heater:  Declared load profile  - Water heating energy efficiency n <sub>wh</sub> - %  Daily electricity consumption Q <sub>elec</sub> - kWh Daily fuel consumption Qfuel - kWh  Contact details  (*) 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).	sound power level, indoors/outdoors	L <sub>WA</sub>	44 / -	dB	pumps: Rated brine or water flow rate, outdoor heat	-	1	m <sup>3</sup> /h	
Declared load profile  - Water heating energy efficiency $\eta_{wh}$ - %  Daily electricity consumption $Q_{elec}$ - kWh Daily fuel consumption Qfuel - kWh  Contact details  ait deutschland GmbH Industriestr. 3 95359 Kasendorf Germany  (*) 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).	Emissions of nitrogen oxides	NO <sub>X</sub>	-	mg/kWh					
Daily electricity consumption  Qelec  - kWh Daily fuel consumption Qfuel - kWh  Contact details  ait deutschland GmbH Industriestr. 3 95359 Kasendorf Germany  (*) 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).	For heat pump combination h	eater:							
contact details  ait deutschland GmbH Industriestr. 3 95359 Kasendorf Germany  (*) 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).	Declared load profile				Water heating energy efficiency	$\eta_{wh}$	-	%	
(*) 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).	Daily electricity consumption	Q <sub>elec</sub>	-	kWh	Daily fuel consumption	Qfuel	-	kWh	
Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).	Contact details	ait deutsch	land GmbH Ir	dustriestr. 3	95359 Kasendorf Germany				
								eating	
	(**) If Cdh is not determined by m	neasuremen	t then the defa	ault degrada	tion coefficient is Cdh = 0,9.				