

Model(s): [information identify	ring the r	nodel(s)	to which the	AW10NHUGHA	/ HU10NWAH	YAE3		
information relates] Air-to-water heat pump:								
Water-to-water heat pump:				Yes				
Brine-to-water heat pump:				No No				
Low-temperature heat pump:					No			
Equipped with a supplementa	rv heate	r·			Yes			
Heat pump combination heate	_				No			
Parameters shall be declared		ium-tem	nerature					
application, except for low-ter			•					
low- temperature heat pumps				Low-temperature application				
declared for low-temperature	applicati	on.						
Parameters shall be declared	for aver	age, col	der and	Average climate conditions				
warmer climate conditions.						· · · · · · · · · · · · · · · · · · ·		
Item	symbol	Value	Unit	Item	symbol	Value	Unit	
Rated heat output (*)	P _{rated}	7.2	kW	Seasonal space heating energy efficiency	η_{s}	201	%	
Declared capacity for heati	•			Declared coefficient of perform			•	
•	0 °C and outdoor temperature T _j			load at indoor temperature 2			,	
T _j = - 7 °C	P _{dh}	6.34	kW	T _j = -7 °C	COP _d or PER _d	3.43	– or%	
T _j = + 2 °C	P _{dh}	3.89	kW	T _j = + 2 °C	COP _d or PER _d	4.88	– or%	
T _j = + 7 °C	P _{dh}	2.52	kW	T _j = + 7 °C	COP _d or PER _d	6.88	– or%	
T _j = + 12 °C	P _{dh}	3.56	kW	T _j = + 12 °C	COP or PER	8.83	– or%	
T _j = bivalent temperature	P _{dh}	6.34	kW	T_j = bivalent temperature	COP _d or PER _d	3.43	– or%	
T _j = operation limit temperature	P _{dh}	7.11	kW	T_j = operation limit temperature	COP _d or PER _d	2.30	– or%	
For air-to-water heat pumps: $T_j = -15 \text{ °C (if TOL } < -20 \text{ °C)}$	P _{dh}	N/A	kW	For air-to-water heat pumps: T_j = -15 °C (if TOL < -20 °C)	COP _d or PER _d	N/A	– or%	
Bivalent temperature	T _{biv}	-7	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-25	°C	
Cycling interval capacity for heating	P _{cych}	N/A	kW	Cycling interval efficiency	COP _d or PER _d	0.9	– or%	
Degradation co- efficient (**)	C_{dh}	0.9	_	Heating water operating limit temperature	WTOL	80	°C	
Power consumption in modes	other th	an activ	e mode	Supplementary heater: N/A			1	
Off mode	P _{OFF}	0.018	kW	Rated heat output (*)	P_{sup}	0.09	kW	
Thermostat-off mode	P _{TO}	0.018	kW	Type of energy input		-		
Standby mode	P _{SB}	0.018	kW					
Crankcase heater mode	P_{CK}	0	kW					
Other items	1		г	1	 	<u> </u>		
Capacity control		Variab	ole	For air-to-water heat pumps: Rated air flow rate, outdoors	_	3028	m³/h	
Sound power level, indoors/ outdoors	L _{WA}	40/60	dB(A)	For water- or brine-to- water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	N/A	1.72	m³/h	
Annual energy consumption	Q _{HE}	2922	kWhor GJ					
For heat pump combination h		/A						
Declared load profile		_		Water heating energy efficiency	η_{wh}	_	%	
Daily electricity consumption	Q _{elec}	_	kWh	Annual electricity consumption	AEC	_	kWh	
Contact details	Qingdao Haier Air Conditioner Electric Co., Ltd. Contact details Haier industrial Park,No.236,Qianwangang Road ,Qingdao Eco-tech Development Zone ,Qingdao , 266555,China							
heating Pdesignh, and the rate	d heat o	utput of	a supplementa	heaters, the rated heat output Pra ary heater P _{sup} is equal to the supp	olementary capa			
$[\sup(I_j). (**)]$ If C_{dh} is not determ	ined by r	neasurer	ment then the	default degradation coefficient is	$C_{dh} = 0.9.$		150570298	

Model(s): [information identify	ing the r	nodel(s)	to which the	AW10NHUGHA	/ HU102F20AH	IYAE3		
information relates] Air-to-water heat pump:								
Water-to-water heat pump:				Yes				
Brine-to-water heat pump:				No No				
Low-temperature heat pump:					No			
Equipped with a supplementa	rv heate	r·			Yes			
Heat pump combination heat		**			Yes			
Parameters shall be declared		ium-tem	nerature					
application, except for low-ter low- temperature heat pumps declared for low-temperature	nperatur , parame	e heat p eters sha	umps. For	Low-temperature application				
Parameters shall be declared warmer climate conditions.	• •		der and	Average climate conditions				
	Item symbol Value Unit				symbol	Value	Unit	
Rated heat output (*)	P _{rated}	7.2	kW	Item Seasonal space heating energy efficiency	η _s	201	%	
Declared capacity for heati	na for na	ert load a	at indoor	Declared coefficient of perform	ance or primary	energy rat	tio for part	
				load at indoor temperature 2		0,	•	
$T_i = -7 ^{\circ}\text{C}$	temperature 20 °C and outdoor temperature T_j $T_j = -7$ °C P_{dh} 6.34 kW			$T_i = -7 ^{\circ}\text{C}$	COP _d or PER _d	3.43	– or%	
T _i = + 2 °C	P _{dh}	3.89	kW	T _i = + 2 °C	COP _d or PER _d	4.88	– or%	
T _i = + 7 °C	P _{dh}	2.52	kW	T _i = + 7 °C	COP _d or PER _d	6.88	– or%	
T _i = + 12 °C	P _{dh}	3.56	kW	T _i = + 12 °C	COP _d or PER _d	8.83	– or%	
T_j = bivalent temperature	P_{dh}	6.34	kW	T_j = bivalent temperature	COP _d or PER _d	3.43	– or%	
T_j = operation limit temperature	P _{dh}	7.11	kW	T_j = operation limit temperature	COP _d or PER _d	2.30	– or%	
For air-to-water heat pumps: $T_j = -15 \text{ °C (if TOL } < -20 \text{ °C)}$	P_{dh}	N/A	kW	For air-to-water heat pumps: T_j = -15 °C (if TOL < -20 °C)	COP _d or PER _d	N/A	– or%	
Bivalent temperature	T_{biv}	-7	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-25	°C	
Cycling interval capacity for heating	P _{cych}	N/A	kW	Cycling interval efficiency	COP _d or PER _d	0.9	– or%	
Degradation co- efficient (**)	C_{dh}	0.9	_	Heating water operating limit temperature	WTOL	80	°C	
Power consumption in modes	other th	an activ	e mode	Supplementary heater: N/A				
Off mode	P _{OFF}	0.018	kW	Rated heat output (*)	P_{sup}	0.09	kW	
Thermostat-off mode	P _{TO}	0.018	kW	Type of energy input	•	-		
Standby mode	P_{SB}	0.018	kW					
Crankcase heater mode	P _{CK}	0	kW	1				
Other items	ı					1	1	
Capacity control		Variat	ole	For air-to-water heat pumps: Rated air flow rate, outdoors	_	3028	m³/h	
Sound power level, indoors/ outdoors	L _{WA}	40/60	dB(A)	For water- or brine-to- water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	N/A	1.72	m³/h	
Annual energy consumption	Q _{HE}	2922	kWhor GJ					
For heat pump combination h		es	<u> </u>					
Declared load profile		L		Water heating energy efficiency	η_{wh}	130	%	
Daily electricity consumption	Q _{elec}	3.68	kWh	Annual electricity consumption	AEC	729	kWh	
Qingdao Haier Air Conditioner Electric Co., Ltd. Contact details Haier industrial Park,No.236,Qianwangang Road ,Qingdao Eco-tech Development Zone ,Qingdao , 266555,China								
heating Pdesignh, and the rate	d heat o	utput of	a supplement	heaters, the rated heat output Pra ary heater P _{sup} is equal to the supp	olementary capa	_		
$\sup(I_j)$. (^^) If C_{dh} is not determ	ined by r	neasurei	ment then the	default degradation coefficient is	$C_{dh} = 0.9.$		150570298	

Model(s): [information identify	ing the r	model(s)	to which the	AW10NHUGHA	/ HU10NWAH	YAE3		
information relates] Air-to-water heat pump:								
				Yes				
Water-to-water heat pump:				No No				
Brine-to-water heat pump:					No			
Low-temperature heat pump:	m. l : 1				No			
Equipped with a supplementa	•	r:			Yes			
Heat pump combination heate					No			
Parameters shall be declared								
application, except for low-ter				Medium-temperature application	n			
low- temperature heat pumps			ıll be	от реготова				
declared for low-temperature								
Parameters shall be declared	for aver	age, col	der and	Average climate conditions				
warmer climate conditions.	1	1						
Item	symbol	Value	Unit	Item	symbol	Value	Unit	
Rated heat output (*)	P _{rated}	6	kW	Seasonal space heating energy efficiency	η_{s}	150	%	
Declared capacity for heati	ng for pa	art load a	nt indoor	Declared coefficient of perform	ance or primary	energy rat	tio for part	
temperature 20 °C and o	•			load at indoor temperature a		• • •		
T _i = − 7 °C	P_{dh}	5.28	kW	T _i = -7 °C	COP _d or PER _d	2.48	– or%	
T _j = + 2 °C	P _{dh}	3.24	kW	T _j = + 2 °C	COP _d or PER _d	3.62	– or%	
T _i = + 7 °C	P _{dh}	2.10	kW	T _i = + 7 °C	COP _d or PER _d	5.38	– or%	
T _i = + 12 °C	P _{dh}	3.22	kW	T _i = + 12 °C	COP _d or PER _d	6.66	– or%	
T_j = bivalent temperature	P _{dh}	5.28	kW	T_j = bivalent temperature	COP _d or PER _d	2.48	– or%	
T_j = operation limit			12/ //	·				
temperature	P _{dh}	5.95	kW	T _j = operation limit temperature	COP _d or PER _d	1.84	– or%	
For air-to-water heat pumps: $T_i = -15 \text{ °C (if TOL } < -20 \text{ °C)}$	P_{dh}	N/A	kW	For air-to-water heat pumps: T_j = -15 °C (if TOL < -20 °C)	COP _d or PER _d	N/A	– or%	
Bivalent temperature	T _{biv}	-7	°C	For air-to-water heat pumps:	TOL	-25	°C	
Cycling interval capacity for				Operation limit temperature				
heating	P _{cych}	N/A	kW	Cycling interval efficiency	COP _d or PER _d	0.9	– or%	
Degradation co- efficient (**)		0.9		Heating water operating limit temperature	WTOL	80	°C	
Power consumption in modes				Supplementary heater: N/A				
Off mode	P _{OFF}	0.018	kW	Rated heat output (*)	P_{sup}	0.05	kW	
Thermostat-off mode	P _{TO}	0.018	kW	Type of energy input		-		
Standby mode	P _{SB}	0.018	kW					
Crankcase heater mode	P_{CK}	0	kW					
Other items	_							
Capacity control		Variab	ole	For air-to-water heat pumps: Rated air flow rate, outdoors	_	3429	m³/h	
Sound power level, indoors/ outdoors	L _{WA}	40/66	dB(A)	For water- or brine-to- water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	N/A	1.075	m³/h	
Annual energy consumption	Q _{HE}	3240	kWhor GJ					
For heat pump combination h				•			<u> </u>	
Declared load profile				Water heating energy efficiency	η_{wh}	_	%	
Daily electricity consumption	Q _{elec}	I	kWh	Annual electricity consumption	AEC		kWh	
Daily electricity consumption	≺elec		VAAII	Annual electricity consumption	ΛLO		IVAN11	
Contact details	Qingdao Haier Air Conditioner Electric Co., Ltd. Haier industrial Park,No.236,Qianwangang Road ,Qingdao Eco-tech Development Zone ,Qingdao , 266555,China							
heating Pdesignh, and the rate	d heat o	utput of	a supplement	heaters, the rated heat output Pra ary heater P_{sup} is equal to the supp	olementary capa			
$sup(T_j)$. (**) If C_{dh} is not determ	ined by r	measurer	nent then the	default degradation coefficient is	$C_{dh} = 0.9.$	0	150570298	

Model(s): [information identify	ing the r	nodel(s)	to which the	AW10NHUGHA	/ HU102F20AH	IYAE3		
information relates]								
Air-to-water heat pump:				Yes				
Water-to-water heat pump:				No No				
Brine-to-water heat pump:					No			
Low-temperature heat pump:					No			
Equipped with a supplementa	•	r:			Yes			
Heat pump combination heate					Yes			
Parameters shall be declared			•					
application, except for low-ter				Medium-temperature application	า			
low- temperature heat pumps			ıll be	modium temperature application	•			
declared for low-temperature								
Parameters shall be declared	for aver	age, col	der and	Average climate conditions				
warmer climate conditions.	-			Average diffiate defialtions				
Item	symbol	Value	Unit	Item	symbol	Value	Unit	
Rated heat output (*)	P _{rated}	6	kW	Seasonal space heating energy efficiency	η_{s}	150	%	
Declared capacity for heati	ng for pa	art load a	t indoor	Declared coefficient of perform	ance or primary	energy rat	io for part	
temperature 20 °C and o	•			load at indoor temperature 2				
T _i = - 7 °C	P_{dh}	5.28	kW	T _i = -7 °C	COP _d or PER _d	2.48	– or%	
T _i = + 2 °C	P _{dh}	3.24	kW	T _i = + 2 °C	COP _d or PER _d	3.62	– or%	
T _i = + 7 °C	P _{dh}	2.10	kW	T _i = + 7 °C	COP _d or PER _d	5.38	– or%	
T _i = + 12 °C	P _{dh}	3.22	kW	T _j = + 12 °C	COP _d or PER _d	6.66	– or%	
T_j = bivalent temperature	P _{dh}	5.28	kW	T_j = bivalent temperature	COP _d or PER _d	2.48	– or%	
T_j = operation limit			12101	·				
temperature	P _{dh}	5.95	kW	T _j = operation limit temperature	COP _d or PER _d	1.84	– or%	
For air-to-water heat pumps: $T_j = -15 \text{ °C (if TOL } < -20 \text{ °C)}$	P_{dh}	N/A	kW	For air-to-water heat pumps: T_j = -15 °C (if TOL < -20 °C)	COP _d or PER _d	N/A	– or%	
Bivalent temperature	T _{biv}	-7	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-25	°C	
Cycling interval capacity for heating	P _{cych}	N/A	kW	Cycling interval efficiency	COP _d or PER _d	0.9	– or%	
Degradation co- efficient (**)	C_{dh}	0.9	_	Heating water operating limit temperature	WTOL	80	°C	
Power consumption in modes	other th	an activ	e mode	Supplementary heater: N/A				
Off mode	P _{OFF}	0.018	kW	Rated heat output (*)	P_{sup}	0.05	kW	
Thermostat-off mode	P_{TO}	0.018	kW	Type of energy input		-		
Standby mode	P _{SB}	0.018	kW					
Crankcase heater mode	P_{CK}	0	kW					
Other items								
Capacity control		Variab	ole	For air-to-water heat pumps: Rated air flow rate, outdoors	_	3429	m³/h	
Sound power level, indoors/ outdoors	L _{WA}	40/66	dB(A)	For water- or brine-to- water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	N/A	1.075	m³/h	
Annual energy consumption	Q_{HE}	3240	kWhor GJ					
For heat pump combination h	eater: Ye	es						
Declared load profile		L		Water heating energy efficiency	η_{wh}	130	%	
Daily electricity consumption	Q _{elec}	3.68	kWh	Annual electricity consumption	AEC	729	kWh	
Contact details	Qingdao Haier Air Conditioner Electric Co., Ltd. Contact details Haier industrial Park,No.236,Qianwangang Road ,Qingdao Eco-tech Development Zone ,Qingdao , 266555,China							
heating Pdesignh, and the rate	d heat o	utput of	a supplement	heaters, the rated heat output Pra ary heater P _{sup} is equal to the supp	olementary capa			
$sup(T_j)$. (**) If C_{dh} is not determ	ined by r	neasurer	ment then the	default degradation coefficient is	$C_{dh} = 0.9.$		150570298	

Model(s): [information identify information relates]	I(s): [information identifying the model(s) to which the				AW10NHUGHA / HU10NWAHYAE3			
Air-to-water heat pump:				Yes				
Water-to-water heat pump:				No No				
Brine-to-water heat pump:				No No				
Low-temperature heat pump:					No			
Equipped with a supplementa	rv heate	r·			Yes			
Heat pump combination heate		••			No			
Parameters shall be declared		ium-tom	poraturo		110			
application, except for low-ter low- temperature heat pumps	nperatur	e heat p	umps. For	Low-temperature application				
declared for low-temperature application.								
	Parameters shall be declared for average, colder and warmer climate conditions.							
Item	symbol	Value	Unit	Item	symbol	Value	Unit	
Rated heat output (*)	P _{rated}	7.5	kW	Seasonal space heating energy efficiency	η_{s}	151	%	
Declared capacity for heati	ng for pa	art load a	t indoor	Declared coefficient of perform	ance or primary	energy rat	io for part	
temperature 20 °C and	•			load at indoor temperature 2			•	
T _i = - 7 °C	P _{dh}	4.54	kW	T _i = -7 °C	COP _d or PER _d	3.50	– or%	
T _i = + 2 °C	P _{dh}	3.41	kW	T _i = + 2 °C	COP _d or PER _d	4.20	– or%	
T _i = + 7 °C	P _{dh}	2.57	kW	T _i = + 7 °C	COP _d or PER _d	7.00	– or%	
T _j = + 12 °C	P _{dh}	3.63	kW	T _j = + 12 °C	COP _d or PER _d	9.00	– or%	
T_j = bivalent temperature	P_{dh}	6.16	kW	T_j = bivalent temperature	COP _d or PER _d	1.58	– or%	
T_j = operation limit temperature	P _{dh}	3.55	kW	T_j = operation limit temperature	COP _d or PER _d	1.42	– or%	
For air-to-water heat pumps: $T_j = -15$ °C (if TOL < -20 °C)	P _{dh}	6.16	kW	For air-to-water heat pumps: T_j = -15 °C (if TOL < -20 °C)	COP _d or PER _d	1.58	– or%	
Bivalent temperature	T _{biv}	T _{biv} -15 °C		For air-to-water heat pumps: Operation limit temperature	TOL	-25	°C	
Cycling interval capacity for heating	P _{cych}	N/A	kW	Cycling interval efficiency	COP _d or PER _d	0.9	– or%	
Degradation co- efficient (**)	C_{dh}	0.9	_	Heating water operating limit temperature	WTOL	60	°C	
Power consumption in modes	other th	an activ	e mode	Supplementary heater: N/A	_			
Off mode	P _{OFF}	0.018	kW	Rated heat output (*)	P_{sup}	3.95	kW	
Thermostat-off mode	P _{TO}	0.018	kW	Type of energy input		-		
Standby mode	P_{SB}	0.018	kW					
Crankcase heater mode	P_{CK}	0	kW					
Other items								
Capacity control		Variab	ole	For air-to-water heat pumps: Rated air flow rate, outdoors	_	3028	m³/h	
Sound power level, indoors/ outdoors	L _{WA}	40/60	dB(A)	For water- or brine-to- water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	N/A	1.720	m³/h	
Annual energy consumption	Q _{HE}	4809	kWhor GJ					
For heat pump combination h	eater: N	/A	<u>'</u>					
Declared load profile		_		Water heating energy efficiency	η_{wh}	_	%	
Daily electricity consumption	Q _{elec}	_	kWh	Annual electricity consumption	AEC	_	kWh	
Qingdao Haier Air Conditioner Electric Co., Ltd. Contact details Haier industrial Park,No.236,Qianwangang Road ,Qingdao Eco-tech Development Zone ,Qingdao , 266555,China								
heating Pdesignh, and the rate	d heat o	utput of	a supplement	heaters, the rated heat output Pra ary heater P _{sup} is equal to the supp default degradation coefficient is	olementary capa	_		
sup(1j). () II C _{dh} is not determ	mieu by f	neasurer	nent then the	default degradation coefficient is	C _{dh} – U,9.		150570298	

				T				
Model(s): [information identify	ring the r	nodel(s)	to which the	AW10NHUGHA / HU102F20AHYAE3				
information relates]								
Air-to-water heat pump:				Yes				
Water-to-water heat pump:				No No				
Brine-to-water heat pump:					No			
Low-temperature heat pump:					No			
Equipped with a supplementa		r:			Yes			
Heat pump combination heate					Yes			
Parameters shall be declared								
application, except for low-ter				Low-temperature application				
low- temperature heat pumps			ıll be					
declared for low-temperature application. Parameters shall be declared for average, colder and								
	warmer climate conditions.							
Item	symbol	Value	Unit	Item	symbol	Value	Unit	
item	Зуппоот	value	Offic	Seasonal space heating	Symbol	value		
Rated heat output (*)	P _{rated}	7.5	kW	energy efficiency	η_{s}	151	%	
Declared capacity for heati				Declared coefficient of perform			•	
·	nd outdoor temperature T _j			load at indoor temperature				
T _j = - 7 °C	P _{dh}	4.54	kW	$T_j = -7 ^{\circ}\text{C}$	COP _d or PER _d	3.50	– or%	
T _j = + 2 °C	P _{dh}	3.41	kW	T _j = + 2 °C	COP _d or PER _d	4.20	– or%	
T _j = + 7 °C	P _{dh}	2.57	kW	T _j = + 7 °C	COP or PER	7.00	– or%	
$T_j = + 12 ^{\circ}\text{C}$	P _{dh}	3.63	kW	T _j = + 12 °C	COP or PER	9.00	– or%	
T _j = bivalent temperature	P _{dh}	6.16	kW	T_j = bivalent temperature	COP _d or PER _d	1.58	– or%	
T _j = operation limit temperature	P_{dh}	3.55	kW	T_j = operation limit temperature	COP _d or PER _d	1.42	– or%	
For air-to-water heat pumps:				For air-to-water heat pumps: T _i				
$T_i = -15 ^{\circ}\text{C} (\text{if TOL} < -20 ^{\circ}\text{C})$	P_{dh}	6.16	kW	= - 15 °C (if TOL < - 20 °C)	COP _d or PER _d	1.58	– or%	
1 ₁ = - 13 C (II 10L < - 20 C)				,				
Bivalent temperature	T _{biv}	-15	°C	For air-to-water heat pumps:	TOL	-25	°C	
•	, DIA			Operation limit temperature	101	20	•	
Cycling interval capacity for heating	P _{cych}	N/A	kW	Cycling interval efficiency	COP _d or PER _d	0.9	– or%	
Degradation co- efficient (**)	C_{dh}	0.9	_	Heating water operating limit temperature	WTOL	60	°C	
Power consumption in modes	other th	an activ	e mode	Supplementary heater: N/A				
Off mode	P _{OFF}	0.018	kW	Rated heat output (*)	P_{sup}	3.95	kW	
Thermostat-off mode	P _{TO}	0.018	kW	Type of energy input	Sup	-		
Standby mode	P _{SB}	0.018	kW	3, 1				
Crankcase heater mode	P _{CK}	0	kW					
Other items	- 							
Capacity control		Variab	ole	For air-to-water heat pumps: Rated air flow rate, outdoors	_	3028	m³/h	
				For water- or brine-to- water				
Sound power level, indoors/				heat pumps: Rated brine or				
outdoors	L_{WA}	40/60	dB(A)	water flow rate, outdoor heat	N/A	1.720	m³/h	
Juliuois				exchanger				
Annual energy consumption	Q _{HE}	4809	kWhor GJ	37.3301				
For heat pump combination h				· I				
·				Water heating energy				
Declared load profile		L		efficiency	η _{wh}	110.28	%	
Daily electricity consumption	Q _{elec}	4.68	kWh	Annual electricity consumption	AEC	927.48	kWh	
	0		V: 0 : ""					
Control los "	_			er Electric Co., Ltd.	a taal Diri		- 0: 1	
Contact details			rark,No.236,	Qianwangang Road ,Qingdao Ed	o-tech Develop	rnent Zon	e ,ųingdao	
(*) For boot	-	5,China	a a mala in a C a	bootone the material basis of the St.	٠	ا ما حاد	laad f-:	
				heaters, the rated heat output Pra				
				ary heater P _{sup} is equal to the supp		city for he	ating	
$\sup(I_j)$. (**) If C_{dh} is not determ	ined by r	neasurer	nent then the	default degradation coefficient is	$C_{dh} = 0.9.$			
						Λ	150570298	

Model(s): [information identify information relates]	del(s): [information identifying the model(s) to which the				AW10NHUGHA / HU10NWAHYAE3			
Air-to-water heat pump:				Yes				
Water-to-water heat pump:				No Yes				
Brine-to-water heat pump:				No No				
Low-temperature heat pump:					No			
Equipped with a supplementa	rv heate	r·			Yes			
Heat pump combination heate		1.			No			
Parameters shall be declared		ium tom	noroturo		140			
application, except for low-ter low- temperature heat pumps	nperatur , parame	e heat p	umps. For	Medium-temperature application	n			
declared for low-temperature application.								
Parameters shall be declared warmer climate conditions.	Parameters shall be declared for average, colder and warmer climate conditions.							
Item	symbol	Value	Unit	Item	symbol	Value	Unit	
Rated heat output (*)	P _{rated}	6	kW	Seasonal space heating energy efficiency	ης	128	%	
Declared capacity for heati	ng for pa	art load a	t indoor	Declared coefficient of perform	ance or primary	energy rat	io for part	
temperature 20 °C and o				load at indoor temperature 2			•	
T _j = - 7 °C	P_{dh}	3.69	kW	$T_j = -7 ^{\circ}C$	COP _d or PER _d	2.93	– or%	
T _j = + 2 °C	P _{dh}	2.35	kW	T _j = + 2 °C	COP _d or PER _d	3.98	– or%	
T _j = + 7 °C	P_{dh}	2.95	kW	T _j = + 7 °C	COP _d or PER _d	5.91	– or%	
T _j = + 12 °C	P_{dh}	2.98	kW	T _j = + 12 °C	COP _d or PER _d	7.30	– or%	
T_j = bivalent temperature	P_{dh}	5.19	kW	T_j = bivalent temperature	COP _d or PER _d	1.47	– or%	
T_j = operation limit temperature	P_{dh}	3.29	kW	T_j = operation limit temperature	COP _d or PER _d	1.31	– or%	
For air-to-water heat pumps: $T_j = -15 \text{ °C (if TOL } < -20 \text{ °C)}$	P_{dh}	5.19	kW	For air-to-water heat pumps: T_j = -15 °C (if TOL < -20 °C)	COP _d or PER _d	1.47	– or%	
Bivalent temperature	T _{biv}	T _{biv} -15 °C		For air-to-water heat pumps: Operation limit temperature	TOL	-25	°C	
Cycling interval capacity for heating	P _{cych}	N/A	kW	Cycling interval efficiency	COP _d or PER _d	0.9	– or%	
Degradation co- efficient (**)	C _{dh}	0.9	_	Heating water operating limit temperature	WTOL	60	°C	
Power consumption in modes	other th	an activ	e mode	Supplementary heater: N/A				
Off mode	P _{OFF}	0.018	kW	Rated heat output (*)	P_{sup}	2.71	kW	
Thermostat-off mode	P _{TO}	0.018	kW	Type of energy input		-		
Standby mode	P_{SB}	0.018	kW					
Crankcase heater mode	P_{CK}	0	kW					
Other items								
Capacity control		Variab	ole	For air-to-water heat pumps: Rated air flow rate, outdoors	_	3429	m³/h	
Sound power level, indoors/ outdoors	L _{WA}	40/66	dB(A)	For water- or brine-to- water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	N/A	1.075	m³/h	
Annual energy consumption	Q_{HE}	2861	kWhor GJ					
For heat pump combination h	eater: N	/A						
Declared load profile		_		Water heating energy efficiency	η_{wh}	_	%	
Daily electricity consumption	Q_{elec}		kWh	Annual electricity consumption	AEC	_	kWh	
Qingdao Haier Air Conditioner Electric Co., Ltd. Contact details Haier industrial Park,No.236,Qianwangang Road ,Qingdao Eco-tech Development Zone ,Qingdao , 266555,China (*) 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 rate	d heat o	utput of	a supplement	ary heater P _{sup} is equal to the supple default degradation coefficient is	olementary capa	_		
Japan Jan Jan Jan Jan Jan Jan Jan Jan Jan J	ca by 1	casarer		assault asgradation coefficient is	cun 0,5.	0	150570298	

Model(s): [information identify	ing the r	nodel(s)	to which the	AW10NHUGHA	/ HI I102F20AF	IVAE3		
information relates]								
Air-to-water heat pump:				Yes				
Water-to-water heat pump:				No				
Brine-to-water heat pump:					No			
Low-temperature heat pump:					No			
Equipped with a supplementa		r:			Yes			
Heat pump combination heate					Yes			
Parameters shall be declared			•					
application, except for low-ter				Medium-temperature application	n			
low- temperature heat pumps declared for low-temperature			ill be	, , , , , , , , , , , , , , , , , , ,				
Parameters shall be declared warmer climate conditions.	for aver	age, col	der and	Cold climate conditions				
Item	symbol	Value	Unit	Item	symbol	Value	Unit	
Rated heat output (*)	P _{rated}	6	kW	Seasonal space heating energy efficiency	η_{s}	128	%	
Declared capacity for heati	ng for pa	art load a	nt indoor	Declared coefficient of perform	ance or primary	energy rat	io for part	
temperature 20 °C and				load at indoor temperature 2			•	
T _i = - 7 °C	P_{dh}	3.69	kW	T _i = -7 °C	COP _d or PER _d	2.93	– or%	
T _j = + 2 °C	P _{dh}	2.35	kW	T _j = + 2 °C	COP _d or PER _d	3.98	– or%	
T _j = + 7 °C	P_{dh}	2.95	kW	T _j = + 7 °C	COP _d or PER _d	5.91	– or%	
T _j = + 12 °C	P_{dh}	2.98	kW	T _j = + 12 °C	COP _d or PER _d	7.30	– or%	
T_j = bivalent temperature	P_{dh}	5.19	kW	T_j = bivalent temperature	COP _d or PER _d	1.47	– or%	
T _j = operation limit temperature	P _{dh}	3.29	kW	T_j = operation limit temperature	COP _d or PER _d	1.31	– or%	
For air-to-water heat pumps: $T_j = -15$ °C (if TOL < -20 °C)	P_{dh}	5.19	kW	For air-to-water heat pumps: T_j = -15 °C (if TOL < -20 °C)	COP _d or PER _d	1.47	– or%	
Bivalent temperature	T _{biv}	-15	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-25	°C	
Cycling interval capacity for heating	P_{cych}	N/A	kW	Cycling interval efficiency	COP _d or PER _d	0.9	– or%	
Degradation co- efficient (**)	C_{dh}	0.9	_	Heating water operating limit temperature	WTOL	60	°C	
Power consumption in modes	other th	an activ	e mode	Supplementary heater: N/A				
Off mode	P _{OFF}	0.018	kW	Rated heat output (*)	P_{sup}	2.71	kW	
Thermostat-off mode	P _{TO}	0.018	kW	Type of energy input		-		
Standby mode	P_{SB}	0.018	kW					
Crankcase heater mode	P_{CK}	0	kW					
Other items	I					-		
Capacity control		Variat	ole	For air-to-water heat pumps: Rated air flow rate, outdoors		3429	m³/h	
Sound power level, indoors/ outdoors	L _{WA}	40/66	dB(A)	For water- or brine-to- water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	N/A	1.075	m³/h	
Annual energy consumption	Q_{HE}	2861	kWhor GJ					
For heat pump combination h	eater: Y	es	<u> </u>					
Declared load profile		L		Water heating energy efficiency	η_{wh}	110.28	%	
Daily electricity consumption	Q _{elec}	4.68	kWh	Annual electricity consumption	AEC	927.48	kWh	
Contact details	Qingdao Haier Air Conditioner Electric Co., Ltd. Contact details Contact details							
heating Pdesignh, and the rate	d heat o	utput of	a supplement	heaters, the rated heat output Pra ary heater P _{sup} is equal to the supp	olementary capa	_		
$sup(T_j)$. (**) If C_{dh} is not determ	ined by i	neasurer	ment then the	default degradation coefficient is	$C_{dh} = 0.9.$	0	150570298	

Model(s): [information identify information relates]	ing the r	nodel(s)	to which the	AW10NHUGHA / HU10NWAHYAE3				
Air-to-water heat pump:				Yes				
Water-to-water heat pump:				No				
Brine-to-water heat pump:					No			
Low-temperature heat pump:					No			
Equipped with a supplementa	rv heate	r:			Yes			
Heat pump combination heate					No			
Parameters shall be declared		ium-tem	nerature					
application, except for low-ter								
low- temperature heat pumps, parameters shall be				Low-temperature application				
declared for low-temperature application.								
Parameters shall be declared	Parameters shall be declared for average, colder and							
warmer climate conditions.		17.1	11.26	II.		17.1	11.26	
Item	symbol	Value	Unit	Item	symbol	Value	Unit	
Rated heat output (*)	P _{rated}	7.5	kW	Seasonal space heating energy efficiency	η_{s}	249	%	
Declared capacity for heati				Declared coefficient of perform			•	
temperature 20 °C and o		temperat	J	load at indoor temperature 2		or temper		
T _j = − 7 °C	P_{dh}	/	kW	T _j = - 7 °C	COP _d or PER _d	/	– or%	
T _j = + 2 °C	P_{dh}	7.47	kW	T _j = + 2 °C	COP _d or PER _d	4.45	– or%	
T _j = + 7 °C	P_{dh}	4.88	kW	T _j = + 7 °C	COP _d or PER _d	5.52	– or%	
T _j = + 12 °C	P_{dh}	3.88	kW	T _j = + 12 °C	COP _d or PER _d	8.75	– or%	
T_j = bivalent temperature	P_{dh}	7.47	kW	T_j = bivalent temperature	COP _d or PER _d	4.45	– or%	
T_j = operation limit temperature	P_{dh}	7.47	kW	T_j = operation limit temperature	COP _d or PER _d	4.45	– or%	
For air-to-water heat pumps: $T_j = -15$ °C (if TOL < -20 °C)	P _{dh}	N/A	kW	For air-to-water heat pumps: T_j = -15 °C (if TOL < -20 °C)	COP _d or PER _d	N/A	– or%	
Bivalent temperature	T _{biv}	T _{biv} 2 °C		For air-to-water heat pumps: Operation limit temperature	TOL	-25	°C	
Cycling interval capacity for heating	P _{cych}	N/A	kW	Cycling interval efficiency	COP _d or PER _d	0.9	– or%	
Degradation co- efficient (**)	C _{dh}	0.9	_	Heating water operating limit temperature	WTOL	80	°C	
Power consumption in modes	other th	an activ	e mode	Supplementary heater: N/A			1	
Off mode	P _{OFF}	0.018	kW	Rated heat output (*)	P_{sup}	-	kW	
Thermostat-off mode	P _{TO}	0.018	kW	Type of energy input	συμ	_		
Standby mode	P _{SB}	0.018	kW	,				
Crankcase heater mode	P _{CK}	0	kW					
Other items				•				
Capacity control		Variab	ole	For air-to-water heat pumps: Rated air flow rate, outdoors	_	3028	m³/h	
Sound power level, indoors/ outdoors	L _{WA}	40/60	dB(A)	For water- or brine-to- water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	N/A	1.720	m³/h	
Annual energy consumption	Q _{HE}	1360	kWhor GJ					
For heat pump combination h		/A	<u> </u>					
Declared load profile		_		Water heating energy efficiency	η_{wh}	_	%	
Daily electricity consumption	Q _{elec}	_	kWh	Annual electricity consumption	AEC	_	kWh	
Contact details	Qingdao Haier Air Conditioner Electric Co., Ltd. Contact details Haier industrial Park,No.236,Qianwangang Road ,Qingdao Eco-tech Development Zone ,Qingdao , 266555,China							
heating Pdesignh, and the rate	d heat o	utput of	a supplement	heaters, the rated heat output Pra ary heater P _{sup} is equal to the supp default degradation coefficient is	olementary capa	_		
Sap(1)). () ii can is not determ	ca by I	i icasai ei	nent then the	actual degradation coefficient is	Can - 0,5.		150570298	

Model(s): [information identify	ing the r	nodel(s)	to which the	AW10NHUGHA	AW10NHUGHA / HU102F20AHYAE3				
information relates]									
Air-to-water heat pump:				Yes					
Water-to-water heat pump:				No					
Brine-to-water heat pump:					No				
Low-temperature heat pump:				No					
Equipped with a supplementa	ry heate	r:			Yes				
Heat pump combination heat	er:				Yes				
Parameters shall be declared	for med	ium-tem	perature						
application, except for low-ter	nperatur	e heat p	umps. For	Low temperature explication					
low- temperature heat pumps			ıll be	Low-temperature application					
declared for low-temperature	applicati	on.							
Parameters shall be declared	for aver	age, col	der and	Marm alimata canditions					
warmer climate conditions.		_		Warm climate conditions					
Item	symbol	Value	Unit	Item	symbol	Value	Unit		
Rated heat output (*)	P_{rated}	7.5	kW	Seasonal space heating	r	249	%		
italed fleat output ()	' rated	7.5	NVV	energy efficiency	η_{s}	249	/0		
Declared capacity for heati	ng for pa	art load a	nt indoor	Declared coefficient of perform	ance or primary	energy rat	tio for part		
temperature 20 °C and	outdoor t	temperat	:ure T _j	load at indoor temperature 2	20 °C and outdo	or temper	ature T _j		
T _j = - 7 °C	P_{dh}	/	kW	T _j = -7 °C	COP _d or PER _d	/	– or%		
T _j = + 2 °C	P_{dh}	7.47	kW	T _j = + 2 °C	COP _d or PER _d	4.45	– or%		
$T_j = +7 ^{\circ}C$	P_{dh}	4.88	kW	T _j = + 7 °C	COP _d or PER _d	5.52	– or%		
T _j = + 12 °C	P_{dh}	3.88	kW	T _j = + 12 °C	COP _d or PER _d	8.75	– or%		
T _j = bivalent temperature	P_{dh}	7.47	kW	T_j = bivalent temperature	COP _d or PER _d	4.45	– or%		
T_j = operation limit	D	7.47	kW	T - aparation limit temperature	COP _d or PER _d	4.45	– or%		
temperature	P_{dh}	7.47	KVV	T_j = operation limit temperature	COP _d of PER _d	4.45	- OI 70		
F				For the state of the Total Control of the Total Con					
For air-to-water heat pumps:	P_{dh}	N/A	kW	For air-to-water heat pumps: T _j	COP _d or PER _d	N/A	– or%		
$T_j = -15 ^{\circ}\text{C} (\text{if TOL} < -20 ^{\circ}\text{C})$	<u></u>			= - 15 °C (if TOL < - 20 °C)	u u				
	_	_		For air-to-water heat pumps:					
Bivalent temperature	T_{biv}	2	°C	Operation limit temperature	TOL	-25	°C		
Cycling interval capacity for									
heating	P_{cych}	N/A	kW	Cycling interval efficiency	COP _d or PER _d	0.9	– or%		
g				Heating water operating limit					
Degradation co- efficient (**)	C_{dh}	0.9	_	temperature	WTOL	80	°C		
Power consumption in modes	other th	an activ	e mode	Supplementary heater: N/A					
Off mode	P _{OFF}	0.018	kW	Rated heat output (*)	P_{sup}	_	kW		
Thermostat-off mode	P _{TO}	0.018	kW	Type of energy input	· sup	_	1000		
Standby mode	P _{SB}	0.018	kW	Type of energy input					
Crankcase heater mode	P _{CK}	0.010	kW						
Other items	· CK	Ü	KVV	<u> </u>					
outer items				For air-to-water heat pumps:					
Capacity control		Variab	ole	Rated air flow rate, outdoors	_	3028	m³/h		
				·					
				For water- or brine-to- water					
Sound power level, indoors/	L _{WA}	40/60	dB(A)	heat pumps: Rated brine or	N/A	1.720	m³/h		
outdoors	***		, ,	water flow rate, outdoor heat			•		
				exchanger					
Annual energy consumption	Q_{HE}	1360	kWhor GJ						
For heat pump combination h	eater: Ye	es							
Declared load profile		L		Water heating energy	n .	140.4	%		
Declared load profile				efficiency	η _{wh}	140.4	70		
Daily electricity consumption	Q_{elec}	3.68	kWh	Annual electricity consumption	AEC	729	kWh		
	_			er Electric Co., Ltd.					
Contact details			Park,No.236,	Qianwangang Road ,Qingdao Ed	o-tech Develop	ment Zon	e ,Qingdao		
	, 26655	5,China							
(*) For heat pump space heater	rs and he	at pump	combination	heaters, the rated heat output Pra	ted is equal to t	he design	load for		
				ary heater P _{sup} is equal to the supp					
		-		default degradation coefficient is		-	5		

 $\sup(T_j)$. (**) If C_{dh} is not determined by measurement then the default degradation coefficient is $C_{dh} = 0.9$.

Model(s): [information identify information relates]	ing the r	nodel(s)	to which the	AW10NHUGHA / HU10NWAHYAE3				
Air-to-water heat pump:				Yes				
Water-to-water heat pump:				No				
Brine-to-water heat pump:				No				
Low-temperature heat pump:					No			
Equipped with a supplementa	rv heate	r:			Yes			
Heat pump combination heate	-				No			
Parameters shall be declared		ium-tem	nerature					
application, except for low-ter								
low- temperature heat pumps				Medium-temperature application	n			
declared for low-temperature application.								
Parameters shall be declared for average, colder and				Warm climate conditions				
warmer climate conditions.	I	1.7.1	11.26	II.		17.1	11.2	
Item	symbol	Value	Unit	Item	symbol	Value	Unit	
Rated heat output (*)	P _{rated}	6	kW	Seasonal space heating energy efficiency	η_{s}	185	%	
Declared capacity for heati				Declared coefficient of perform			•	
temperature 20 °C and o		temperat	,	load at indoor temperature 2		or temper	,	
T _j = − 7 °C	P_{dh}	/	kW	T _j = - 7 °C	COP _d or PER _d	/	– or%	
T _j = + 2 °C	P_{dh}	6.11	kW	T _j = + 2 °C	COP _d or PER _d	2.69	– or%	
T _j = + 7 °C	P _{dh}	3.90	kW	T _j = + 7 °C	COP _d or PER _d	4.18	– or%	
T _j = + 12 °C	P _{dh}	3.94	kW	T _j = + 12 °C	COP _d or PER _d	6.68	– or%	
T _j = bivalent temperature	P_{dh}	6.11	kW	T_j = bivalent temperature	COP _d or PER _d	2.69	– or%	
T _j = operation limit temperature	P_{dh}	6.11	kW	T_j = operation limit temperature	COP _d or PER _d	2.69	– or%	
For air-to-water heat pumps: $T_j = -15 \text{ °C (if TOL } < -20 \text{ °C)}$	P _{dh}	N/A	kW	For air-to-water heat pumps: T_j = -15 °C (if TOL < -20 °C)	COP _d or PER _d	N/A	– or%	
Bivalent temperature	T _{biv}	T _{biv} 2 °C		For air-to-water heat pumps: Operation limit temperature	TOL	-25	°C	
Cycling interval capacity for heating	P _{cych}	N/A	kW	Cycling interval efficiency	COP _d or PER _d	0.9	– or%	
Degradation co- efficient (**)	C_{dh}	0.9	_	Heating water operating limit temperature	WTOL	80	°C	
Power consumption in modes	other th	an active	e mode	Supplementary heater: N/A			L	
Off mode	P _{OFF}	0.018	kW	Rated heat output (*)	P_{sup}	-	kW	
Thermostat-off mode	P _{TO}	0.018	kW	Type of energy input		-		
Standby mode	P_{SB}	0.018	kW					
Crankcase heater mode	P_{CK}	0	kW					
Other items	1							
Capacity control		Variab	ole	For air-to-water heat pumps: Rated air flow rate, outdoors	<u> </u>	3429	m³/h	
Sound power level, indoors/ outdoors	L _{WA}	40/66	dB(A)	For water- or brine-to- water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	N/A	1.075	m³/h	
Annual energy consumption	Q _{HE}	1481	kWhor GJ					
For heat pump combination h		/A	<u> </u>					
Declared load profile		_		Water heating energy efficiency	η_{wh}	_	%	
Daily electricity consumption	Q _{elec}	_	kWh	Annual electricity consumption	AEC	_	kWh	
Contact details	Qingdao Haier Air Conditioner Electric Co., Ltd. Contact details Haier industrial Park,No.236,Qianwangang Road ,Qingdao Eco-tech Development Zone ,Qingdao , 266555,China							
heating Pdesignh, and the rate	d heat o	utput of	a supplement	heaters, the rated heat output Pra ary heater P _{sup} is equal to the supp default degradation coefficient is	olementary capa	_		
Sup(1)). () II Cdh is not determ	ineu by I	ricasurei	nent then the	default degradation coefficient is	C _{dh} – 0,3.		150570298	

Model(s): [information identify	ing the r	nodel(s)	to which the	AW10NHUGHA	/ HU102F20AH	IYAE3		
information relates]								
Air-to-water heat pump:				Yes				
Water-to-water heat pump:				No				
Brine-to-water heat pump:				No				
Low-temperature heat pump:					No			
Equipped with a supplementa	ry heate	r:			Yes			
Heat pump combination heate	er:				Yes			
Parameters shall be declared	for med	ium-tem	perature					
application, except for low-ter	nperatur	e heat p	umps. For	Medium-temperature application	n			
	low- temperature heat pumps, parameters shall be declared for low-temperature application.							
Parameters shall be declared for average, colder and								
Parameters shall be declared warmer climate conditions.	for aver	age, col	der and	Warm climate conditions				
_	a mb al	Value	Linit	lto m	ay mah a l	Value	l loit	
Item	symbol	Value	Unit	Item	symbol	Value	Unit	
Rated heat output (*)	P _{rated}	6	kW	Seasonal space heating energy efficiency	η_{s}	185	%	
Declared capacity for heati	ng for pa	art load a	t indoor	Declared coefficient of perform	ance or primary	energy rat	tio for part	
temperature 20 °C and	outdoor t	temperat	cure T _i	load at indoor temperature a	20 °C and outdo	or temper	ature T _i	
T _i = - 7 °C	P_{dh}	/	kW	T _i = -7 °C	COP _d or PER _d	/	– or%	
T _i = + 2 °C	P _{dh}	6.11	kW	T _i = + 2 °C	COP _d or PER _d	2.69	– or%	
T _i = + 7 °C	P _{dh}	3.90	kW	T _i = + 7 °C	COP _d or PER _d	4.18	– or%	
T _i = + 12 °C	P _{dh}	3.94	kW	T _i = + 12 °C	COP _d or PER _d	6.68	– or%	
T _i = bivalent temperature	P _{dh}	6.11	kW	T_i = bivalent temperature	COP _d or PER _d	2.69	– or%	
T _i = operation limit				·				
temperature	P _{dh}	6.11	kW	T_j = operation limit temperature	COP _d or PER _d	2.69	– or%	
For air-to-water heat pumps: $T_i = -15$ °C (if TOL < -20 °C)	P _{dh}	N/A	kW	For air-to-water heat pumps: T_j = -15 °C (if TOL < -20 °C)	COP _d or PER _d	N/A	– or%	
Bivalent temperature	T _{biv}	T _{biv} 2 °C		For air-to-water heat pumps: Operation limit temperature	TOL	-25	°C	
Cycling interval capacity for heating	P _{cych}	N/A	kW	Cycling interval efficiency	COP _d or PER _d	0.9	– or%	
Degradation co- efficient (**)	C _{dh}	0.9	_	Heating water operating limit temperature	WTOL	80	°C	
Power consumption in modes	other th	an activ	e mode	Supplementary heater: N/A				
Off mode	P _{OFF}	0.018	kW	Rated heat output (*)	P_{sup}	-	kW	
Thermostat-off mode	P _{TO}	0.018	kW	Type of energy input	,	-		
Standby mode	P_{SB}	0.018	kW					
Crankcase heater mode	P _{CK}	0	kW					
Other items	•							
			_	For air-to-water heat pumps:				
Capacity control		Variab	ole	Rated air flow rate, outdoors	_	3429	m³/h	
				For water- or brine-to- water				
Sound power level, indoors/ outdoors	L _{WA}	40/66	dB(A)	heat pumps: Rated brine or water flow rate, outdoor heat exchanger	N/A	1.075	m³/h	
Annual energy consumption	Q _{HE}	1481	kWhor GJ	-				
For heat pump combination h								
r or mout pump combination in	I			Water heating energy				
Declared load profile		L		efficiency	η_{wh}	140.4	%	
Daily electricity consumption	Q _{elec}	3.68	kWh	Annual electricity consumption	AEC	729	kWh	
Contact details	Haier in			er Electric Co., Ltd. Qianwangang Road ,Qingdao Ec	co-tech Develop	ment Zon	e ,Qingdao	
(*) For heat pump space heater	•		combination	heaters, the rated heat output Pra	ited is equal to t	he design	load for	
				ary heater P _{sup} is equal to the supp	•	_		
		-		default degradation coefficient is		city for the	anny	

 $\sup(T_j)$. (**) If C_{dh} is not determined by measurement then the default degradation coefficient is $C_{dh} = 0.9$.