



Haier

Model(s): [information identifying the model(s) to which the information relates]				AW102MUGHA			
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 supplementary heater:				No			
Heat pump combination heater:				No			
Parameters shall be declared for medium-temperature application, except for low-temperature heat pumps. For low- temperature heat pumps, parameters shall be declared for low-temperature application.				Low-temperature application			
Parameters shall be declared for average, colder and warmer climate conditions.				Average climate conditions			
Item	symbol	Value	Unit	Item	symbol	Value	Unit
Rated heat output (*)	P <sub>rated</sub>	7.2	kW	Seasonal space heating energy efficiency	η <sub>s</sub>	201	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> = - 7 °C	P <sub>dh</sub>	6.34	kW	T <sub>j</sub> = - 7 °C	COP <sub>d</sub> or PER <sub>d</sub>	3.43	– or%
T <sub>j</sub> = + 2 °C	P <sub>dh</sub>	3.89	kW	T <sub>j</sub> = + 2 °C	COP <sub>d</sub> or PER <sub>d</sub>	4.88	– or%
T <sub>j</sub> = + 7 °C	P <sub>dh</sub>	2.52	kW	T <sub>j</sub> = + 7 °C	COP <sub>d</sub> or PER <sub>d</sub>	6.88	– or%
T <sub>j</sub> = + 12 °C	P <sub>dh</sub>	3.56	kW	T <sub>j</sub> = + 12 °C	COP <sub>d</sub> or PER <sub>d</sub>	8.83	– or%
T <sub>j</sub> = bivalent temperature	P <sub>dh</sub>	6.34	kW	T <sub>j</sub> = bivalent temperature	COP <sub>d</sub> or PER <sub>d</sub>	3.43	– or%
T <sub>j</sub> = operation limit temperature	P <sub>dh</sub>	7.11	kW	T <sub>j</sub> = operation limit temperature	COP <sub>d</sub> or PER <sub>d</sub>	2.30	– or%
For air-to-water heat pumps: T <sub>j</sub> = - 15 °C (if TOL < - 20 °C)	P <sub>dh</sub>	N/A	kW	For air-to-water heat pumps: T <sub>j</sub> = - 15 °C (if TOL < - 20 °C)	COP <sub>d</sub> or PER <sub>d</sub>	N/A	– or%
Bivalent temperature	T <sub>biv</sub>	-7	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-25	°C
Cycling interval capacity for heating	P <sub>cych</sub>	N/A	kW	Cycling interval efficiency	COP <sub>d</sub> or PER <sub>d</sub>	0.9	– or%
Degradation co- efficient (**)	C <sub>dh</sub>	0.9	—	Heating water operating limit temperature	WTOL	80	°C
Power consumption in modes other than active mode				Supplementary heater: N/A			
Off mode	P <sub>OFF</sub>	0.018	kW	Rated heat output (*)	P <sub>sup</sub>	0.09	kW
Thermostat-off mode	P <sub>TO</sub>	0.018	kW	Type of energy input	-		
Standby mode	P <sub>SB</sub>	0.018	kW				
Crankcase heater mode	P <sub>CK</sub>	0	kW				
Other items							
Capacity control	Variable			For air-to-water heat pumps: Rated air flow rate, outdoors	—	3028	m³/h
Sound power level, indoors/ outdoors	L <sub>WA</sub>	-/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 <sub>HE</sub>	2922	kWhor GJ				
For heat pump combination heater: N/A							
Declared load profile	-			Water heating energy efficiency	η <sub>wh</sub>	-	%
Daily electricity consumption	Q <sub>elec</sub>	-	kWh	Daily fuel consumption	Q <sub>fuel</sub>	-	kWh
Annual electricity consumption	AEC	-	kWh	Annual fuel consumption	AFC	-	GJ
Contact details	Qingdao Haier Air Conditioner Electric Co., Ltd. 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 rated heat output of a supplementary heater P <sub>sup</sub> is equal to the supplementary capacity for heating sup(T <sub>j</sub> ). (**) If C <sub>dh</sub> is not determined by measurement then the default degradation coefficient is C <sub>dh</sub> = 0,9.							

Model(s): [information identifying the model(s) to which the information relates]				AW102MUGHA			
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 supplementary heater:				No			
Heat pump combination heater:				No			
Parameters shall be declared for medium-temperature application, except for low-temperature heat pumps. For low-temperature heat pumps, parameters shall be declared for low-temperature application.				Medium-temperature application			
Parameters shall be declared for average, colder and warmer climate conditions.				Average climate conditions			
Item	symbol	Value	Unit	Item	symbol	Value	Unit
Rated heat output (*)	P <sub>rated</sub>	6	kW	Seasonal space heating energy efficiency	η <sub>s</sub>	150	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> = - 7 °C	P <sub>dh</sub>	5.28	kW	T <sub>j</sub> = - 7 °C	COP <sub>d</sub> or PER <sub>d</sub>	2.48	– or%
T <sub>j</sub> = + 2 °C	P <sub>dh</sub>	3.24	kW	T <sub>j</sub> = + 2 °C	COP <sub>d</sub> or PER <sub>d</sub>	3.62	– or%
T <sub>j</sub> = + 7 °C	P <sub>dh</sub>	2.10	kW	T <sub>j</sub> = + 7 °C	COP <sub>d</sub> or PER <sub>d</sub>	5.38	– or%
T <sub>j</sub> = + 12 °C	P <sub>dh</sub>	3.22	kW	T <sub>j</sub> = + 12 °C	COP <sub>d</sub> or PER <sub>d</sub>	6.66	– or%
T <sub>j</sub> = bivalent temperature	P <sub>dh</sub>	5.28	kW	T <sub>j</sub> = bivalent temperature	COP <sub>d</sub> or PER <sub>d</sub>	2.48	– or%
T <sub>j</sub> = operation limit temperature	P <sub>dh</sub>	5.95	kW	T <sub>j</sub> = operation limit temperature	COP <sub>d</sub> or PER <sub>d</sub>	1.84	– or%
For air-to-water heat pumps: T <sub>j</sub> = - 15 °C (if TOL < - 20 °C)	P <sub>dh</sub>	N/A	kW	For air-to-water heat pumps: T <sub>j</sub> = - 15 °C (if TOL < - 20 °C)	COP <sub>d</sub> or PER <sub>d</sub>	N/A	– or%
Bivalent temperature	T <sub>biv</sub>	-7	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-25	°C
Cycling interval capacity for heating	P <sub>cych</sub>	N/A	kW	Cycling interval efficiency	COP <sub>d</sub> or PER <sub>d</sub>	0.9	– or%
Degradation co- efficient (**)	C <sub>dh</sub>	0.9	—	Heating water operating limit temperature	WTOL	80	°C
Power consumption in modes other than active mode				Supplementary heater: N/A			
Off mode	P <sub>OFF</sub>	0.018	kW	Rated heat output (*)	P <sub>sup</sub>	0.05	kW
Thermostat-off mode	P <sub>TO</sub>	0.018	kW	Type of energy input	-		
Standby mode	P <sub>SB</sub>	0.018	kW				
Crankcase heater mode	P <sub>CK</sub>	0	kW				
Other items							
Capacity control	Variable			For air-to-water heat pumps: Rated air flow rate, outdoors	—	3429	m³/h
Sound power level, indoors/ outdoors	L <sub>WA</sub>	-/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 <sub>HE</sub>	3240	kWhor GJ				
For heat pump combination heater: N/A							
Declared load profile	-			Water heating energy efficiency	η <sub>wh</sub>	-	%
Daily electricity consumption	Q <sub>elec</sub>	-	kWh	Daily fuel consumption	Q <sub>fuel</sub>	-	kWh
Annual electricity consumption	AEC	-	kWh	Annual fuel consumption	AFC	-	GJ
Contact details	Qingdao Haier Air Conditioner Electric Co., Ltd. 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 rated heat output of a supplementary heater P <sub>sup</sub> is equal to the supplementary capacity for heating sup(T <sub>j</sub> ). (**) If C <sub>dh</sub> is not determined by measurement then the default degradation coefficient is C <sub>dh</sub> = 0,9.							

Model(s): [information identifying the model(s) to which the information relates]				AW102MUGHA			
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 supplementary heater:				No			
Heat pump combination heater:				No			
Parameters shall be declared for medium-temperature application, except for low-temperature heat pumps. For low-temperature heat pumps, parameters shall be declared for low-temperature application.				Low-temperature application			
Parameters shall be declared for average, colder and warmer climate conditions.				Cold climate conditions			
Item	symbol	Value	Unit	Item	symbol	Value	Unit
Rated heat output (*)	P <sub>rated</sub>	7.5	kW	Seasonal space heating energy efficiency	η <sub>s</sub>	144	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> = − 7 °C	P <sub>dh</sub>	4.54	kW	T <sub>j</sub> = − 7 °C	COP <sub>d</sub> or PER <sub>d</sub>	3.50	– or%
T <sub>j</sub> = + 2 °C	P <sub>dh</sub>	3.41	kW	T <sub>j</sub> = + 2 °C	COP <sub>d</sub> or PER <sub>d</sub>	4.20	– or%
T <sub>j</sub> = + 7 °C	P <sub>dh</sub>	2.57	kW	T <sub>j</sub> = + 7 °C	COP <sub>d</sub> or PER <sub>d</sub>	7.00	– or%
T <sub>j</sub> = + 12 °C	P <sub>dh</sub>	3.63	kW	T <sub>j</sub> = + 12 °C	COP <sub>d</sub> or PER <sub>d</sub>	9.00	– or%
T <sub>j</sub> = bivalent temperature	P <sub>dh</sub>	6.16	kW	T <sub>j</sub> = bivalent temperature	COP <sub>d</sub> or PER <sub>d</sub>	1.58	– or%
T <sub>j</sub> = operation limit temperature	P <sub>dh</sub>	3.55	kW	T <sub>j</sub> = operation limit temperature	COP <sub>d</sub> or PER <sub>d</sub>	1.42	– or%
For air-to-water heat pumps: T <sub>j</sub> = − 15 °C (if TOL < − 20 °C)	P <sub>dh</sub>	6.2	kW	For air-to-water heat pumps: T <sub>j</sub> = − 15 °C (if TOL < − 20 °C)	COP <sub>d</sub> or PER <sub>d</sub>	1.6	– or%
Bivalent temperature	T <sub>biv</sub>	-15	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-25	°C
Cycling interval capacity for heating	P <sub>cych</sub>	N/A	kW	Cycling interval efficiency	COP <sub>d</sub> or PER <sub>d</sub>	0.9	– or%
Degradation co- efficient (**)	C <sub>dh</sub>	0.9	—	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater: N/A			
Off mode	P <sub>OFF</sub>	0.018	kW	Rated heat output (*)	P <sub>sup</sub>	3.95	kW
Thermostat-off mode	P <sub>TO</sub>	0.018	kW	Type of energy input	-		
Standby mode	P <sub>SB</sub>	0.018	kW				
Crankcase heater mode	P <sub>CK</sub>	0	kW				
Other items							
Capacity control	Variable			For air-to-water heat pumps: Rated air flow rate, outdoors	—	3028	m³/h
Sound power level, indoors/ outdoors	L <sub>WA</sub>	-/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 <sub>HE</sub>	3201	kWhor GJ				
For heat pump combination heater: N/A							
Declared load profile	-			Water heating energy efficiency	η <sub>wh</sub>	-	%
Daily electricity consumption	Q <sub>elec</sub>	-	kWh	Daily fuel consumption	Q <sub>fuel</sub>	-	kWh
Annual electricity consumption	AEC	-	kWh	Annual fuel consumption	AFC	-	GJ
Contact details	Qingdao Haier Air Conditioner Electric Co., Ltd. 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 rated heat output of a supplementary heater P <sub>sup</sub> is equal to the supplementary capacity for heating sup(T <sub>j</sub> ). (**) If C <sub>dh</sub> is not determined by measurement then the default degradation coefficient is C <sub>dh</sub> = 0.9.							

Model(s): [information identifying the model(s) to which the information relates]				AW102MUGHA			
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 supplementary heater:				No			
Heat pump combination heater:				No			
Parameters shall be declared for medium-temperature application, except for low-temperature heat pumps. For low-temperature heat pumps, parameters shall be declared for low-temperature application.				Medium-temperature application			
Parameters shall be declared for average, colder and warmer climate conditions.				Cold climate conditions			
Item	symbol	Value	Unit	Item	symbol	Value	Unit
Rated heat output (*)	P <sub>rated</sub>	6	kW	Seasonal space heating energy efficiency	η <sub>s</sub>	128	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> = − 7 °C	P <sub>dh</sub>	3.69	kW	T <sub>j</sub> = − 7 °C	COP <sub>d</sub> or PER <sub>d</sub>	2.93	– or%
T <sub>j</sub> = + 2 °C	P <sub>dh</sub>	2.35	kW	T <sub>j</sub> = + 2 °C	COP <sub>d</sub> or PER <sub>d</sub>	3.98	– or%
T <sub>j</sub> = + 7 °C	P <sub>dh</sub>	2.95	kW	T <sub>j</sub> = + 7 °C	COP <sub>d</sub> or PER <sub>d</sub>	5.91	– or%
T <sub>j</sub> = + 12 °C	P <sub>dh</sub>	2.98	kW	T <sub>j</sub> = + 12 °C	COP <sub>d</sub> or PER <sub>d</sub>	7.30	– or%
T <sub>j</sub> = bivalent temperature	P <sub>dh</sub>	5.19	kW	T <sub>j</sub> = bivalent temperature	COP <sub>d</sub> or PER <sub>d</sub>	1.47	– or%
T <sub>j</sub> = operation limit temperature	P <sub>dh</sub>	3.29	kW	T <sub>j</sub> = operation limit temperature	COP <sub>d</sub> or PER <sub>d</sub>	1.31	– or%
For air-to-water heat pumps: T <sub>j</sub> = − 15 °C (if TOL < − 20 °C)	P <sub>dh</sub>	5.2	kW	For air-to-water heat pumps: T <sub>j</sub> = − 15 °C (if TOL < − 20 °C)	COP <sub>d</sub> or PER <sub>d</sub>	1.5	– or%
Bivalent temperature	T <sub>biv</sub>	-15	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-25	°C
Cycling interval capacity for heating	P <sub>cych</sub>	N/A	kW	Cycling interval efficiency	COP <sub>d</sub> or PER <sub>d</sub>	0.9	– or%
Degradation co- efficient (**)	C <sub>dh</sub>	0.9	—	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater: N/A			
Off mode	P <sub>OFF</sub>	0.018	kW	Rated heat output (*)	P <sub>sup</sub>	2.71	kW
Thermostat-off mode	P <sub>TO</sub>	0.018	kW	Type of energy input	-		
Standby mode	P <sub>SB</sub>	0.018	kW				
Crankcase heater mode	P <sub>CK</sub>	0	kW				
Other items							
Capacity control	Variable			For air-to-water heat pumps: Rated air flow rate, outdoors	—	3429	m³/h
Sound power level, indoors/ outdoors	L <sub>WA</sub>	-/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 <sub>HE</sub>	2861	kWhor GJ				
For heat pump combination heater: N/A							
Declared load profile	-			Water heating energy efficiency	η <sub>wh</sub>	-	%
Daily electricity consumption	Q <sub>elec</sub>	-	kWh	Daily fuel consumption	Q <sub>fuel</sub>	-	kWh
Annual electricity consumption	AEC	-	kWh	Annual fuel consumption	AFC	-	GJ
Contact details	Qingdao Haier Air Conditioner Electric Co., Ltd. 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 rated heat output of a supplementary heater P <sub>sup</sub> is equal to the supplementary capacity for heating sup(T <sub>j</sub> ). (**) If C <sub>dh</sub> is not determined by measurement then the default degradation coefficient is C <sub>dh</sub> = 0,9.							

Model(s): [information identifying the model(s) to which the information relates]				AW102MUGHA			
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 supplementary heater:				No			
Heat pump combination heater:				No			
Parameters shall be declared for medium-temperature application, except for low-temperature heat pumps. For low- temperature heat pumps, parameters shall be declared for low-temperature application.				Low-temperature application			
Parameters shall be declared for average, colder and warmer climate conditions.				Warm climate conditions			
Item	symbol	Value	Unit	Item	symbol	Value	Unit
Rated heat output (*)	P <sub>rated</sub>	7.5	kW	Seasonal space heating energy efficiency	η <sub>s</sub>	249	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> = − 7 °C	P <sub>dh</sub>	/	kW	T <sub>j</sub> = − 7 °C	COP <sub>d</sub> or PER <sub>d</sub>	/	– or%
T <sub>j</sub> = + 2 °C	P <sub>dh</sub>	7.47	kW	T <sub>j</sub> = + 2 °C	COP <sub>d</sub> or PER <sub>d</sub>	4.45	– or%
T <sub>j</sub> = + 7 °C	P <sub>dh</sub>	4.88	kW	T <sub>j</sub> = + 7 °C	COP <sub>d</sub> or PER <sub>d</sub>	5.52	– or%
T <sub>j</sub> = + 12 °C	P <sub>dh</sub>	3.88	kW	T <sub>j</sub> = + 12 °C	COP <sub>d</sub> or PER <sub>d</sub>	8.75	– or%
T <sub>j</sub> = bivalent temperature	P <sub>dh</sub>	7.47	kW	T <sub>j</sub> = bivalent temperature	COP <sub>d</sub> or PER <sub>d</sub>	4.45	– or%
T <sub>j</sub> = operation limit temperature	P <sub>dh</sub>	7.47	kW	T <sub>j</sub> = operation limit temperature	COP <sub>d</sub> or PER <sub>d</sub>	4.45	– or%
For air-to-water heat pumps: T <sub>j</sub> = − 15 °C (if TOL < − 20 °C)	P <sub>dh</sub>	N/A	kW	For air-to-water heat pumps: T <sub>j</sub> = − 15 °C (if TOL < − 20 °C)	COP <sub>d</sub> or PER <sub>d</sub>	N/A	– or%
Bivalent temperature	T <sub>biv</sub>	2	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-25	°C
Cycling interval capacity for heating	P <sub>cych</sub>	N/A	kW	Cycling interval efficiency	COP <sub>d</sub> or PER <sub>d</sub>	0.9	– or%
Degradation co- efficient (**)	C <sub>dh</sub>	0.9	—	Heating water operating limit temperature	WTOL	80	°C
Power consumption in modes other than active mode				Supplementary heater: N/A			
Off mode	P <sub>OFF</sub>	0.018	kW	Rated heat output (*)	P <sub>sup</sub>	-	kW
Thermostat-off mode	P <sub>TO</sub>	0.018	kW	Type of energy input	-		
Standby mode	P <sub>SB</sub>	0.018	kW				
Crankcase heater mode	P <sub>CK</sub>	0	kW				
Other items							
Capacity control	Variable			For air-to-water heat pumps: Rated air flow rate, outdoors	—	3028	m³/h
Sound power level, indoors/ outdoors	L <sub>WA</sub>	-/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 <sub>HE</sub>	1360	kWhor GJ				
For heat pump combination heater: N/A							
Declared load profile	-			Water heating energy efficiency	η <sub>wh</sub>	-	%
Daily electricity consumption	Q <sub>elec</sub>	-	kWh	Daily fuel consumption	Q <sub>fuel</sub>	-	kWh
Annual electricity consumption	AEC	-	kWh	Annual fuel consumption	AFC	-	GJ
Contact details	Qingdao Haier Air Conditioner Electric Co., Ltd. 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 rated heat output of a supplementary heater P <sub>sup</sub> is equal to the supplementary capacity for heating sup(T <sub>j</sub> ). (**) If C <sub>dh</sub> is not determined by measurement then the default degradation coefficient is C <sub>dh</sub> = 0.9.							

Model(s): [information identifying the model(s) to which the information relates]				AW102MUGHA			
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 supplementary heater:				No			
Heat pump combination heater:				No			
Parameters shall be declared for medium-temperature application, except for low-temperature heat pumps. For low- temperature heat pumps, parameters shall be declared for low-temperature application.				Medium-temperature application			
Parameters shall be declared for average, colder and warmer climate conditions.				Warm climate conditions			
Item	symbol	Value	Unit	Item	symbol	Value	Unit
Rated heat output (*)	P <sub>rated</sub>	6	kW	Seasonal space heating energy efficiency	η <sub>s</sub>	185	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> = − 7 °C	P <sub>dh</sub>	/	kW	T <sub>j</sub> = − 7 °C	COP <sub>d</sub> or PER <sub>d</sub>	/	– or%
T <sub>j</sub> = + 2 °C	P <sub>dh</sub>	6.11	kW	T <sub>j</sub> = + 2 °C	COP <sub>d</sub> or PER <sub>d</sub>	2.69	– or%
T <sub>j</sub> = + 7 °C	P <sub>dh</sub>	3.90	kW	T <sub>j</sub> = + 7 °C	COP <sub>d</sub> or PER <sub>d</sub>	4.18	– or%
T <sub>j</sub> = + 12 °C	P <sub>dh</sub>	3.94	kW	T <sub>j</sub> = + 12 °C	COP <sub>d</sub> or PER <sub>d</sub>	6.68	– or%
T <sub>j</sub> = bivalent temperature	P <sub>dh</sub>	6.11	kW	T <sub>j</sub> = bivalent temperature	COP <sub>d</sub> or PER <sub>d</sub>	2.69	– or%
T <sub>j</sub> = operation limit temperature	P <sub>dh</sub>	6.11	kW	T <sub>j</sub> = operation limit temperature	COP <sub>d</sub> or PER <sub>d</sub>	2.69	– or%
For air-to-water heat pumps: T <sub>j</sub> = − 15 °C (if TOL < − 20 °C)	P <sub>dh</sub>	N/A	kW	For air-to-water heat pumps: T <sub>j</sub> = − 15 °C (if TOL < − 20 °C)	COP <sub>d</sub> or PER <sub>d</sub>	N/A	– or%
Bivalent temperature	T <sub>biv</sub>	2	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-25	°C
Cycling interval capacity for heating	P <sub>cych</sub>	N/A	kW	Cycling interval efficiency	COP <sub>d</sub> or PER <sub>d</sub>	0.9	– or%
Degradation co- efficient (**)	C <sub>dh</sub>	0.9	—	Heating water operating limit temperature	WTOL	80	°C
Power consumption in modes other than active mode				Supplementary heater: N/A			
Off mode	P <sub>OFF</sub>	0.018	kW	Rated heat output (*)	P <sub>sup</sub>	-	kW
Thermostat-off mode	P <sub>TO</sub>	0.018	kW	Type of energy input	-		
Standby mode	P <sub>SB</sub>	0.018	kW				
Crankcase heater mode	P <sub>CK</sub>	0	kW				
Other items							
Capacity control	Variable			For air-to-water heat pumps: Rated air flow rate, outdoors	—	3429	m³/h
Sound power level, indoors/ outdoors	L <sub>WA</sub>	-/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 <sub>HE</sub>	1481	kWhor GJ				
For heat pump combination heater: N/A							
Declared load profile	-			Water heating energy efficiency	η <sub>wh</sub>	-	%
Daily electricity consumption	Q <sub>elec</sub>	-	kWh	Daily fuel consumption	Q <sub>fuel</sub>	-	kWh
Annual electricity consumption	AEC	-	kWh	Annual fuel consumption	AFC	-	GJ
Contact details	Qingdao Haier Air Conditioner Electric Co., Ltd. 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 rated heat output of a supplementary heater P <sub>sup</sub> is equal to the supplementary capacity for heating sup(T <sub>j</sub> ). (**) If C <sub>dh</sub> is not determined by measurement then the default degradation coefficient is C <sub>dh</sub> = 0.9.							