			Ted	chnical parameters								
Model(s):		Outdoo		ACHP-H06/4R3HA-O Indoor unit: ACHP-H0	6/4R3HA-	I						
			yes									
Water-to-water heat pump:			no									
Brine-to-water heat pump:			10									
Low-temperature heat pump: no												
Equipped with a supplementary heater: no												
Heat pump combination heater:		no										
Declared climate condition		Warmer										
Declared temperature application		Low										
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit					
Rated heat output(*)	Prated	6.1	kW	Seasonal space heating energy efficiency	$\eta_{\rm s}$	254	%					
Declared capacity for heating for part l 20°C and outdoor temperature T _j	oad at indoc	r tempera	ture	Declared coeffient of performance or primary indoor temperature 20°C and outdoor 20°C and 00°C		io for part	load at					
T _j = -7°C	Pdh	-	kW	$T_j = -7^{\circ}C$	COPd	-	=					
T _j = +2°C	Pdh	5.85	kW	$T_j = +2^{\circ}C$	COPd	3.91	_					
T _j = +7°C	Pdh	3.92	kW	$T_j = +7^{\circ}C$	COPd	5.89	-					
T _j = +12°C	Pdh	1.74	kW	$T_j = +12$ °C	COPd	8.20	=					
T _j = bivalent temperature	Pdh	3.92	kW	T _j = bivalent temperature	COPd	5.89	-					
T _i = operation limit temperature	Pdh	5.85	kW	T _i = operation limit temperature	COPd	3.91	-					
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 _{biv}	7	°C	For air-to-water heat pumps: Operation limit temperature	TOL	2	°C					
Cycling interval capacity for heating	P _{cych}	-	kW	Cycling interval efficiency	COPcyc	-	-					
Degradation co-efficient(**)	Cdh	0.9	-	Heating water operating limit temperature	WTOL	60	°C					
Power consumption in modes other	er than acti	ve mode		Supplemantary heater								
Off mode	P _{OFF}	0.020	kW	Rated heat output (*)	Psup	0.25	kW					
Thermostat-off mode	P _{TO}	0.030	kW									
Standby mode	P_{SB}	0.020	kW	Type of energy input		Electricity						
Crankcase heater mode	P _{CK}	0.000	kW									
Other items	-	-	-		-							
Capacity control	V	/ariable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	2800	m ³ /h					
Sound power level,			40	For water-/brine-to-water heat pumps:Rated								
indoors/outdoors	L _{WA}		dB	brine or water flow rate, outdoor heat	-	-	m³/h					
Annual energy consumption	Q_{HE}	1270	kWh	exchanger								
For heat pump combination heate												
Declaed load profile		-		Water heating energy efficiency	$\eta_{ m wh}$	-	%					
Daily electricity consumption	Q _{elec}	_	kWh	Daily fuel consumption	Q _{fuel}	_	kWh					
Contact details	AUX Co.,			Road, Jiangshan Yinzhou District, Ningbo, 3151		ng, 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 Psup is equal to the supplementary capacity for heating sup(T_j). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0.9

			Te	chnical parameters				
Model(s):	Outdoor unit:			ACHP-H06/4R3HA-O Indoor unit: ACHP-H06	6/4R3HA-I			
Air-to-water heat ump: yes								
Water-to-water heat pump: no								
Brine-to-water heat pump: no								
Low-temperature heat pump: no								
Equipped with a supplementary he	eater:	no						
Heat pump combination heater:		no						
Declared climate condition		Warme						
Declared temperature application	1	Medium		П	1			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit	
Rated heat output(*)	Prated	5.1	kW	Seasonal space heating energy efficiency	η _s	157	%	
Declared capacity for heating for part I 20°C and outdoor temperature T_{j}	oad at indoo	r tempera	iture	Declared coeffient of performance or primary of indoor temperature 20°C and outdoor tempera		o for part	load at	
T _j = -7°C	Pdh	-	kW	T _i = -7°C	COPd	-	-	
T _i = +2°C	Pdh	4.85	kW	$T_i = +2^{\circ}C$	COPd	2.48	-	
T _j = +7°C	Pdh	3.28	kW	T _j = +7°C	COPd	3.67	-	
T _i = +12℃	Pdh	1.46	kW	T _i = +12°C	COPd	5.29	-	
T _i = bivalent temperature	Pdh	3.28	kW	T _i = bivalent temperature	COPd	3.67	_	
T _i = operation limit temperature	Pdh	4.85	kW	T _i = operation limit temperature	COPd	2.48	_	
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 _{biv}	7	°C	For air-to-water heat pumps: Operation limit temperature	TOL	2	°C	
Cycling interval capacity for heating	P _{cych}	-	kW	Cycling interval efficiency	COPcyc	-	-	
Degradation co-efficient(**)	Cdh	0.9	-	Heating water operating limit temperature	WTOL	60	°C	
Power consumption in modes other	er than acti	ve mode		Supplemantary heater				
Off mode	P _{OFF}	0.020	kW	Rated heat output (*)	Psup	0.25	kW	
Thermostat-off mode	P _{TO}	0.030	kW					
Standby mode	P _{SB}	0.020	kW	Type of energy input	E	Electricity		
Crankcase heater mode	P _{CK}	0.000	kW					
Other items								
Capacity control	V	′ariable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	2800	m³/h	
Sound power level, indoors/outdoors	L _{WA}	-	dB	For water-/brine-to-water heat pumps:Rated			,3 <i>n</i>	
Annual energy consumption	Q _{HE}	1708	kWh	brine or water flow rate, outdoor heat exchanger	-	-	m ³ /h	
		1700	KVVII	exchanger				
For heat pump combination heate	<u>'</u>	_		Mater besting energy officiary			0/	
Declaed load profile		1	1.100	Water heating energy efficiency	η _{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	kWh	Daily fuel consumption	Q_{fuel}	-	kWh	
Contact details	AUX Co. 1166 Min		North F	Road, Jiangshan Yinzhou District, Ningbo, 3151	91 Zhejian	g, 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 Psup is equal to the supplementary capacity for heating sup(T_j). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh =0.9

			Tech	nical parameters								
Model(s):			Outdoor unit: ACHP-H06/4R3HA-O Indoor unit: ACHP-H06/4R3HA-I									
		yes										
Water-to-water heat pump:		no										
Brine-to-water heat pump:		no	no									
Low-temperature heat pump:		no	no									
Equipped with a supplementary hea	ter:	no										
Heat pump combination heater:		no										
Declared climate condition		Average	е									
Declared temperature application		Low										
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit					
Rated heat output(*)	Prated	6.8	kW	Seasonal space heating energy efficiency	$\eta_{\rm s}$	194	%					
Declared capacity for heating for part load °C and outdoor temperature T _j	d at indoor	temperati	ure 20	Declared coeffient of performance or primar at indoor temperature 20°C and outdoor tem			art load					
T _j = -7°C	Pdh	6.00	kW	$T_j = -7^{\circ}C$	COPd	3.24	-					
T _j = +2°C	Pdh	3.66	kW	$T_j = +2^{\circ}C$	COPd	4.98	-					
T _j = +7°C	Pdh	2.35	kW	$T_i = +7^{\circ}C$	COPd	6.38	_					
T _j = +12°C	Pdh	1.05	kW	T _i = +12°C	COPd	9.67	_					
T _j = bivalent temperature	Pdh	6.02	kW	T _i = bivalent temperature	COPd	3.24	_					
T _i = operation limit temperature	Pdh	5.42	kW	T _i = operation limit temperature	COPd	2.90	-					
For air-to-water heat pumps: T _j = -15°C (if TOL < -20°C)	Pdh	-	kW	For air-to-water heat pumps: T _j = -15°C (if TOL < -20°C)	COPd	-	-					
Bivalent temperature	T _{biv}	-7	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C					
Cycling interval capacity for heating	P _{cych}	-	kW	Cycling interval efficiency	COPcyc	-	-					
Degradation co-efficient(**)	Cdh	0.9	-	Heating water operating limit temperature	WTOL	60	°C					
Power consumption in modes other	than activ	e mode		Supplemantary heater								
Off mode	P _{OFF}	0.020	kW	Rated heat output (*)	Psup	1.38	kW					
Thermostat-off mode	P _{TO}	0.030	kW									
Standby mode	P _{SB}	0.020	kW	Type of energy input		Electricity	′					
Crankcase heater mode	P _{CK}	0.000	kW									
Other items				-								
Capacity control	V	'ariable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	2800	m ³ /h					
Sound power level,			i.	For water-/brine-to-water heat			3					
indoors/outdoors	L_WA	-	dB	pumps:Rated brine or water flow rate,	-	_	m ³ /h					
Annual energy consumption	Q_{HE}	2853	kWh	outdoor heat exchanger								
For heat pump combination heater		1										
Declaed load profile		_		Water heating energy efficiency	η_{wh}	-	%					
Daily electricity consumption	Q _{elec}	_	kWh	Daily fuel consumption	Q _{fuel}	_	kWh					
Contact details	AUX Co.			Road, Jiangshan Yinzhou District, Ningbo, 31		ang, Chii						
	•	-		heaters, the rated heat output Prated is equa ary heater Psup is equal to the supplementary		-						

sup(T_j).

^(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh =0.9

			Techr	nical parameters								
Model(s):			Outdoor unit: ACHP-H06/4R3HA-O Indoor unit: ACHP-H06/4R3HA-I									
Air-to-water heat ump:		yes										
Water-to-water heat pump:		no										
Brine-to-water heat pump:		no										
Low-temperature heat pump:		no										
Equipped with a supplementary heate	ər:	no										
Heat pump combination heater:		no										
Declared climate condition		Average	verage									
Declared temperature application		Medium										
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit					
Rated heat output(*)	Prated	6.3	kW	Seasonal space heating energy efficiency	$\eta_{\rm s}$	134	%					
Declared capacity for heating for part load °C and outdoor temperature T _j	at indoor te	∍mperatur	re 20	Declared coeffient of performance or primar at indoor temperature 20°C and outdoor tem		•	art load					
T _j = -7°C	Pdh	5.57	kW	$T_j = -7^{\circ}C$	COPd	2.20	<u>-</u>					
T _j = +2°C	Pdh	3.39	kW	$T_j = +2$ °C	COPd	3.42	-					
T _j = +7°C	Pdh	2.18	kW	$T_j = +7^{\circ}C$	COPd	4.36	-					
T _j = +12°C	Pdh	0.97	kW	T _j = +12°C	COPd	6.89						
T _j = bivalent temperature	Pdh	5.57	kW	T _j = bivalent temperature	COPd	2.20	-					
T _j = operation limit temperature	Pdh	4.03	kW	T_j = operation limit temperature	COPd	1.85	-					
For air-to-water heat pumps: T _j = -15°C (if TOL < -20°C)	Pdh	-	kW	For air-to-water heat pumps: T _j = -15°C (if TOL < -20°C)	COPd	-	-					
Bivalent temperature	T_biv	-7	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C					
Cycling interval capacity for heating	P _{cych}	-	kW	Cycling interval efficiency	COPcyc	-	-					
Degradation co-efficient(**)	Cdh	0.9	-	Heating water operating limit temperature	WTOL	60	°C					
Power consumption in modes other th	nan active	mode		Supplemantary heater								
Off mode	P _{OFF}	0.020	kW	Rated heat output (*)	Psup	2.27	kW					
Thermostat-off mode	P _{TO}	0.030	kW									
Standby mode	P _{SB}	0.020	kW	Type of energy input	F	Electricity	/					
Crankcase heater mode	P _{CK}	0.000	kW	1								
Other items	<u> </u>											
Capacity control	V	/ariable		For air-to-water heat pumps: Rated air flow rate, outdoors	- 2800 m		m ³ /h					
Sound power level, indoors/outdoors	L _{WA}	38/58	dB	For water-/brine-to-water heat pumps:Rated brine or water flow rate,	-	-	m³/h					
Annual energy consumption	Q_{HE}	3812	kWh	outdoor heat exchanger								
For heat pump combination heater												
Declaed load profile		-		Water heating energy efficiency	η_{wh}	-	%					
Daily electricity consumption	Q _{elec}	- '	kWh	Daily fuel consumption		-	kWh					
Contact details	Q _{elec} - kWh Daily fuel consumption Q _{fuel} - kWh AUX Co., Ltd 1166 Mingguang North Road, Jiangshan Yinzhou District, Ningbo, 315191 Zhejiang, 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 Psup is equal to the supplementary capacity for heating sup(T_i).

^(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0.9

		Ī	Γechnic	cal parameters							
Model(s):			Outdoor unit: ACHP-H06/4R3HA-O Indoor unit: ACHP-H06/4R3HA-I								
			ves								
Water-to-water heat pump:			no								
Brine-to-water heat pump:		no									
Low-temperature heat pump:		no									
Equipped with a supplementary heater:											
Heat pump combination heater:		no									
Declared climate condition		Colder									
Declared temperature application		Low									
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit				
Rated heat output(*)	Prated	5.6	kW	Seasonal space heating energy efficiency	$\eta_{\rm s}$	164	%				
Declared capacity for heating for part load α and outdoor temperature T_{j}	at indoor ter	mperature	20°C	Declared coeffient of performance or print load at indoor temperature 20°C and out	-						
T _j = -7°C	Pdh	3.42	kW	T _j = -7°C	COPd	3.59	_				
T _j = +2°C	Pdh	2.06	kW	$T_j = +2^{\circ}C$	COPd	5.21	-				
T _j = +7°C	Pdh	1.46	kW	$T_j = +7^{\circ}C$	COPd	6.24	-				
T _j = +12℃	Pdh	1.44	kW	T _j = +12°C	COPd	7.66	-				
T _j = bivalent temperature	Pdh	4.59	kW	T _j = bivalent temperature	COPd	2.53	-				
T _j = operation limit temperature	Pdh	3.48	kW	T _j = operation limit temperature	COPd	1.96	-				
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 _{biv}	-15	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-22	°C				
Cycling interval capacity for heating	P _{cych}	-	kW	Cycling interval efficiency	COPcyc	-	-				
Degradation co-efficient(**)	Cdh	0.9	-	Heating water operating limit temperature	WTOL	52	°C				
Power consumption in modes other that	an active n	node		Supplemantary heater							
Off mode	P _{OFF}	0.020	kW	Rated heat output (*)	Psup	2.12	kW				
Thermostat-off mode	P _{TO}	0.030	kW								
Standby mode	P _{SB}	0.020	kW	Type of energy input		Electricity	,				
Crankcase heater mode	P _{CK}	0.000	kW			,					
Other items	· CK	1000	,	l I							
Other items	1		1	He and the control bank around a							
Capacity control	٧	'ariable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	2800	m ³ /h				
Sound power level, indoors/outdoors	L_WA	-	dB	For water-/brine-to-water heat			•				
Annual energy consumption	Q_{HE}	3314	kWh	pumps:Rated brine or water flow rate, outdoor heat exchanger			m ³ /h				
For heat pump combination heater											
Declaed load profile	<u></u>	-		Water heating energy efficiency	η_{wh}		%				
Daily electricity consumption	$Q_{\rm elec}$		kWh	Daily fuel consumption	Q_{fuel}	-	kWh				
Contact details	AUX Co.,		North F	Road, Jiangshan Yinzhou District, Ningbo,		nejiang, C	China				

^(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0.9

			Tec	hnical parameters								
Model(s):		Outdoo	r unit:	ACHP-H06/4R3HA-O Indoor unit: ACHP-H	06/4R3HA	∖- I						
Air-to-water heat ump:			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										
Declared climate condition		Colder										
Declared temperature application	1	Medium	1		1	· ·						
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit					
Rated heat output(*)	Prated	4.3	kW	Seasonal space heating energy efficiency	$\eta_{\rm s}$	110	%					
Declared capacity for heating for part 20°C and outdoor temperature T _j	oad at indoc	or tempera	ature	Declared coeffient of performance or primar at indoor temperature 20°C and outdoor tem			art load					
T _j = -7°C	Pdh	2.69	kW	$T_j = -7^{\circ}C$	COPd	2.46	-					
T _j = +2°C	Pdh	1.60	kW	$T_j = +2^{\circ}C$	COPd	3.36	-					
T _j = +7°C	Pdh	1.02	kW	T _j = +7°C	COPd	3.94	-					
T _j = +12°C	Pdh	1.37	kW	T _i = +12°C	COPd	6.35	-					
T _i = bivalent temperature	Pdh	3.47	kW	T _i = bivalent temperature	COPd	1.86	-					
T _i = operation limit temperature	Pdh	2.09	kW	T _i = operation limit temperature	COPd	1.13	_					
For air-to-water heat pumps: T _j = -15°C (if TOL < -20°C)	Pdh	-	kW	For air-to-water heat pumps: T _j = -15°C (if TOL < -20°C)	COPd	-	-					
Bivalent temperature	T _{biv}	-15	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-22	°C					
Cycling interval capacity for heating	P_{cych}	-	kW	Cycling interval efficiency	COPcyc	-	-					
Degradation co-efficient(**)	Cdh	0.9	-	Heating water operating limit temperature	WTOL	52	°C					
Power consumption in modes oth	er than acti	ve mode	:	Supplemantary heater								
Off mode	P_{OFF}	0.020	kW	Rated heat output (*)	Psup	2.2	kW					
Thermostat-off mode	P _{TO}	0.030	kW									
Standby mode	P _{SB}	0.020	kW	Type of energy input	E	•						
Crankcase heater mode	P _{CK}	0.000	kW	1		•						
Other items	- UK		<u> </u>	<u> </u>	<u> </u>							
Capacity control	\ \ \	′ariable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	2800	m ³ /h					
Sound power level,				For water-/brine-to-water heat								
ndoors/outdoors	L_WA	-	dB	pumps:Rated brine or water flow rate,	_	_	m ³ /ł					
Annual energy consumption	Q _{HE}	3760	kWh	outdoor heat exchanger			/!					
For heat pump combination heate		<u> </u>	1	<u>-</u>								
Declaed load profile		=		Water heating energy efficiency	η_{wh}	_	%					
Daily electricity consumption	Q ₋₁ -	l <u>-</u>	kWh									
Contact details	AUX Co.	,	<u> </u>	Q _{elec} - kWh Daily fuel consumption Q _{fuel} - kWh AUX Co., Ltd 1166 Mingguang North Road, Jiangshan Yinzhou District, Ningbo, 315191 Zhejiang, 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 Psup is equal to the supplementary capacity for heating sup(T_i).

^(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0.9