		0.1		chnical parameters				
Model(s):		Outdoor	unit:A	CHP-H06/4R3HA-O				
Air-to-water heat ump:	*							
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 Was			•					
Declared temperature application		Low		1	1	1		
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit	
Rated heat output(*)	Prated	6.1	kW	Seasonal space heating energy efficiency	0s	254	%	
Declared capacity for heating for part loa and outdoor temperature Tj	nd at indoor t	emperature	e 20°C	Declared coeffient of performance or primary indoor temperature 20°C and outdoor tempera		tio for pa	rt load a	
$\Gamma j = -7^{\circ}C$	Pdh	-	kW	$Tj = -7^{\circ}C$	COPd	-	-	
$Tj = +2^{\circ}C$	Pdh	5.85	kW	$Tj = +2^{\circ}C$	COPd	3.91	-	
$Tj = +7^{\circ}C$	Pdh	3.92	kW	Tj=+7°C	COPd	5.89	-	
$Tj = +12^{\circ}C$	Pdh	1.74	kW	Tj=+12°C	COPd	8.20	-	
Γj = bivalent temperature	Pdh	3.92	kW	Tj = bivalent temperature	COPd	5.89	-	
Γ j = operation limit temperature	Pdh	5.85	kW	$T_j = operation limit temperature$	COPd	3.91	-	
For air-to-water heat pumps: $\Gamma_i = -15^{\circ}C(ifTOL < -20^{\circ}C)$	Pdh	-	kW	For air-to-water heat pumps: Tj = -15°C(ifTOL<-20°C)	COPd	-	-	
Bivalent temperature	Tbiv	7	°C	For air-to-water heat pumps: Operation limit temperature	TOL	2	°C	
Cycling interval capacity for heating	Pcych	-	kW	Cycling interval efficiency	COPcyc	-	-	
Degradation co-efficient(**)	Cdh	0.9	-	Heating water operating limit temperature	WTOL	60	°C	
Power consumption in modes othe	er than acti	ve mode		Supplemantary heater				
Off mode	Poff	0.020	kW	Rated heat output (*)	Psup	0.25	kW	
Thermostat-off mode	Рто	0.030	kW					
Standby mode	Psb	0.020	kW	Type of energy input		Electricit	у	
					5			
Crankcase heater mode Other items	Рск	0.000	kW					
Capacity control		/ariable		For air-to-water heat pumps: Rated airflow rate, outdoors	-	2800	m³/h	
Sound power level,	I w		dD	For water-/brine-to-water heat pumps:Rated				
ndoors/outdoors	LWA	-	dB	brine or water flow rate, outdoor heat	-	-	m ³ /h	
Annual energy consumption	QHE	1270	kWh	exchanger				
For heat pump combination heater			1	1	1	1	1	
Declaed load profile		-		Water heating energy efficiency	Owh	_	%	
Daily electricity consumption	Qelec	_	kWh	Daily fuel consumption	Qfuel	_	kWh	
Contact details	AUX Co	., Ltd		Road, Jiangshan Yinzhou District, Ningbo, 315	_		I	

Model(s):				chnical parameters ACHP-H06/4R3HA-O								
Air-to-water heat ump:			yes									
Water-to-water heat pump:			no									
			no									
			no									
Equipped with a supplementary he	ater:	no										
Heat pump combination heater:		no										
Declared climate condition		Warmer										
Declared temperature application		Mediun	1	1								
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit					
Rated heat output(*)	Prated	8.1	kW	Seasonal space heating energy efficiency	Ms	164	%					
Declared capacity for heating for part load at indoor temperatu and outdoor temperature Tj				asonal space heating energy efficiencyMs164%clared coeffient of performance or primary energy ratio for part load toor temperature 20°C and outdoor temperature Tj= -7°CCOPd-= +2°CCOPd2.40= +7°CCOPd3.72= +12°CCOPd5.85= bivalent temperatureCOPd3.72= operation limit temperatureCOPd2.40r air-to-water heat pumps: Tj =COPd2.40core cling interval efficiencyCOPd-ating water operating limit temperatureCOPcyc-cling interval efficiencyCOPcyc-ating water operating limit temperatureWTOL60core pplemantary heaterPsup2.27ted heat output (*)Psup2.27pe of energy inputElectricityr air-to-water heat pumps: Rated air flow e, outdoors-r water-/brine-to-water heat pumps: Rated air flow e, outdoors-r water flow rate, outdoor heatmain ter flow rate, outdoor heatr air-to-water flow rate, outdoor heatr air-to-water heat pumps: Rated air flow e, outdoors-2800r air-to-water heat pumps: Rated air flow e, outdoorsr air-to-water heat pumps: Rated air flow e, outdoorsr air-to-water heat pumps: Rated air flow 								
$\Gamma j = -7^{\circ}C$	Pdh	-	kW	$T_i = -7^{\circ}C$	COPd	-	-					
$Tj = +2^{\circ}C$	Pdh	7.25	kW	$Tj = +2^{\circ}C$	COPd	2.40	-					
$Tj = +7^{\circ}C$	Pdh	5.26	kW	$T_j = +7^{\circ}C$	COPd	3.72	-					
$T_i = +12^{\circ}C$	Pdh	2.33	kW	$T_i = +12^{\circ}C$	COPd	5.85	-					
Tj = bivalent temperature	Pdh		kW	Tj = bivalent temperature			-					
Γj = operation limit temperature	Pdh	7.25	kW	Tj = operation limit temperature	COPd	2.40	-					
For air-to-water heat pumps: Tj = -15°C(ifTOL<-20°C)	Pdh	-	kW	For air-to-water heat pumps: Tj = -15°C(ifTOL<-20°C)	COPd	-	-					
Bivalent temperature	Tbiv	7	°C	For air-to-water heat pumps: Operation limit temperature	TOL	2	°C					
Cycling interval capacity for heating	Pcych	-	kW	Cycling interval efficiency	COPcyc	-	-					
Degradation co-efficient(**)	Cdh	0.9	-	Heating water operating limit temperature	WTOL	60	°C					
Power consumption in modes other	r than activ	ve mode		Supplementary heater								
Off mode		0.020	ĿW		Peup	2 27	ĿW					
Thermostat-off mode	POFF P TO	0.020			rsup	2.21	K VV					
Standby mode	I IO SB	0.030		- Type of energy input		Electricity						
-				rype of energy input		securicity	,					
Crankcase heater mode	P(DK	0.000	кW									
Other items					1							
Capacity control	V	ariable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	2800	m ³ /ł					
Sound power level, indoors/outdoors	LWA	-	dB	For water-/brine-to-water heat pumps:Rated brine or water flow rate, outdoor heat	_	_	m³/ł					
Annual energy consumption	QHE	2593	kWh	exchanger								
For heat pump combination heater	1 Que			1	1							
Declaed load profile		-		Water heating energy efficiency	Hwh	-	%					
Daily electricity consumption	Qelec	-	kWh	Daily fuel consumption	Qfuel	-	kWł					
Contact details	AUX Co. 1166 Mir	, Ltd	1	Road, Jiangshan Yinzhou District, Ningbo, 315	191 Zhejia	ng, China						

				nnical parameters								
Model (s):			r unit:A	ACHP-H06/4R3HA-O								
Air-to-water heat ump:		yes										
Water-to-water heat pump:		no										
Brine-to-water heat pump:		no										
Low-temperature heat pump:		no	no									
Equipped with a supplementary heate	er:	no										
Heat pump combination heater:		no										
Declared climate condition		Averag	e									
Declared temperature application		Low	1									
	Symbol	Value	Unit	Item	Symbol	Value	Unit					
Rated heat output(*)	Prated	6.8	kW	Seasonal space heating energy efficiency	Hs	194	%					
Declared capacity for heating for part load at outdoor temperature Tj	indoor tem	perature 2	20 °C and	Declared coeffient of performance or primary indoor temperature 20°C and outdoor temper		atio for p	art load					
$Tj = -7^{\circ}C$	Pdh	6.00	kW	$Tj = -7^{\circ}C$	COPd	3.24	-					
$Tj = +2^{\circ}C$	Pdh	3.66	kW	$Tj = +2^{\circ}C$	COPd	4.98	-					
$Tj = +7^{\circ}C$	Pdh	2.35	kW	$Tj = +7^{\circ}C$	COPd	6.38	-					
$Tj = +12^{\circ}C$	Pdh	1.05	kW	$Tj = +12^{\circ}C$	COPd	9.67	-					
Tj = bivalent temperature	Pdh	6.02	kW	Tj = bivalent temperature	COPd	3.24	-					
Tj = operation limit temperature	Pdh	5.42	kW	Tj = operation limit temperature	COPd	2.90	-					
For air-to-water heat pumps: Tj = -15°C(ifTOL<-20°C)	Pdh	-	kW	For air-to-water heat pumps: Tj=-15°C(ifTOL<-20°C)	COPd	-	-					
Bivalent temperature	Tbiv	-7	°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	0.9	-	Heating water operating limit temperature	WTOL	60	°C					
Power consumption in modes other t	han active	e mode		Supplemantary heater								
Off mode	Poff	0.020	kW	Rated heat output (*)	Psup	1.38	kW					
Thermostat-off mode	Рто	0.030	kW									
Standby mode	Psb	0.020	kW	Type of energy input	Electricity							
Crankcase heater mode		0.000	kW									
Other items	PCK	0.000	K VV									
				For air-to-water heat pumps: Rated air flow								
Capacity control	V	ariable		rate, outdoors	-	2800	m ³ /h					
	,		ID	For water-/brine-to-water heat pumps:Rated			2.4					
Sound power level, indoors/outdoors	LWA	-	dB	brine or water flow rate, outdoor heat	-	-	m ³ /h					
Annual energy consumption	Qhe	2853	kWh	exchanger								
For heat pump combination heater	<u> </u>					1						
Declaed load profile		-		Water heating energy efficiency	Hwh	-	%					
Daily electricity consumption	Qelec	-	kWh	Daily fuel consumption	Qfuel	-	kWł					
Contact details	AUX Co.	., Ltd	1	Road, Jiangshan Yinzhou District, Ningbo, 31	_							

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

				nical parameters						
			Outdoor unit: ACHP-H06/4R3HA-0							
Air-to-water heat ump:		yes								
		no								
1 1		no								
		no								
Equipped with a supplementary heate	r:	no								
Heat pump combination heater:		no Averag	9							
Declared climate condition Declared temperature application			Average Medium							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit			
Rated heat output(*)	Prated	6.3	kW	Seasonal space heating energy efficiency	0s	134	%			
Declared capacity for heating for part load at outdoor temperature Tj	indoor temj	perature 2		Declared coeffient of performance or primar indoor temperature 20°C and outdoor tempe		atio for pa	urt load			
$Tj = -7^{\circ}C$	Pdh	5.57	kW	$Tj = -7^{\circ}C$	COPd	2.20	-			
$Tj = +2^{\circ}C$	Pdh	3.39	kW	$Tj = +2^{\circ}C$	COPd	3.42	-			
$Tj = +7^{\circ}C$	Pdh	2.18	kW	$Tj = +7^{\circ}C$	COPd	4.36	-			
$Tj = +12^{\circ}C$	Pdh	0.97	kW	$Tj = +12^{\circ}C$	COPd	6.89	-			
Tj = bivalent temperature	Pdh	5.57	kW	Tj = bivalent temperature	COPd	2.20	-			
Tj = operation limit temperature	Pdh	4.03	kW	Tj = operation limit temperature	COPd	1.85	-			
For air-to-water heat pumps: Tj = -15°C (ifTOL<-20°C)	Pdh	-	kW	For air-to-water heat pumps: Tj = -15°C (ifTOL<-20°C)	COPd	-	-			
Bivalent temperature	Tbiv	-7	°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	0.9	-	Heating water operating limit temperature	WTOL	60	°C			
Power consumption in modes other th	an active	mode		Supplemantary heater						
Off mode	P OFF	0.020	kW	Rated heat output (*)	Psup	2.27	kW			
Thermostat-off mode	PTO	0.030	kW							
Standby mode	P SB	0.020	kW	Type of energy input]]	Electricity	r			
Crankcase heater mode	PcK	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	LWA	38/58	dB	For water-/brine-to-water heat pumps:Rated brine or water flow rate, outdoor heat	-	_	m³/h			
Annual energy consumption	QHE	3812	kWh	exchanger		[
For heat pump combination heater				·						
Declaed load profile		-		Water heating energy efficiency	Qwh	-	%			
Daily electricity consumption	Qelec	-	kWh	Daily fuel consumption	Qfbel	-	kWh			
Contact details	AUX Co. 1166 Mir	, Ltd	1	Road, Jiangshan Yinzhou District, Ningbo, 3		ejiang, Cl				

Model(s):				cal parameters								
			Outdoor unit: ACHP-H06/4R3HA-O									
			yes									
			no									
Brine-to-water heat pump:												
Low-temperature heat pump:												
Equipped with a supplementary heater		no										
Heat pump combination heater: Declared climate condition		no Colder										
Declared temperature application		Low	Colder									
		LOW										
Item	Symbol			Item	Symbol	Value	Unit					
Rated heat output(*)	Prated	5.6	kW	Seasonal space heating energy efficiency	Hs	164	%					
Declared capacity for heating for part load at i outdoor temperature Tj	ndoor tempe	erature 20°	°C and	Declared coeffient of performance or prin load at indoor temperature 20°C and outd	-		or part					
$Tj = -7^{\circ}C$	Pdh	3.42	kW	$Tj = -7^{\circ}C$	COPd	3.59	-					
$Tj = +2^{\circ}C$	Pdh	2.06	kW	$Tj = +2^{\circ}C$	COPd	5.21	-					
$Tj = +7^{\circ}C$	Pdh	1.46	kW	$Tj = +7^{\circ}C$	COPd	6.24	-					
$Tj = +12^{\circ}C$	Pdh	1.44	kW	$Tj = +12^{\circ}C$	COPd	7.66	-					
Tj = bivalent temperature	Pdh	4.59	kW	Tj = bivalent temperature	COPd	2.53	-					
Tj = operation limit temperature	Pdh	3.48	kW	Tj = operation limit temperature	COPd	1.96	-					
For air-to-water heat pumps: Tj = -15°C(ifTOL<-20°C)	Pdh	-	kW	For air-to-water heat pumps: Tj = -15°C(ifTOL<-20°C)	COPd	-	-					
Bivalent temperature	Tbiv	-15	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-22	°C					
Cycling interval capacity for heating	Pcych	-	kW	Cycling interval efficiency	COPcyc	-	-					
Degradation co-efficient(**)	Cdh	0.9	-	Heating water operating limit temperature	WTOL	52	°C					
Power consumption in modes other the	an active n	node		Supplemantary heater								
Off mode	POFF	0.020	kW	Rated heat output (*)	Psup	2.12	kW					
Thermostat-off mode	P TQ	0.030	kW			11						
Standby mode	PSB	0.020	kW	Type of energy input	Electricity							
Crankcase heater mode	PcK	0.000	kW	-								
Other items				•								
Capacity control	\ \	ariable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	2800	m ³ /h					
Sound power level, indoors/outdoors	LWA	-	dB	For wate r-/bri n e-to-water heat								
Annual energy consumption	QHE	3314	kWh	pumps:Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h					
For heat pump combination heater	1	ı	·	I	ı	· · · · · ·						
Declaed load profile		-		Water heating energy efficiency	Owh	-	%					
Daily electricity consumption	Qelec	-	kWh	Daily fuel consumption	Qfuel	-	kWł					
Contact details	AUX Co., Ltd 1166 Mingguang North Road, Jiangshan Yinzhou District, Ningbo, 315191 Zhejiang, China											

				hnical parameters								
Model(s): Outo			Outdoor unit:ACHP-H06/4R3HA-O									
			yes									
Water-to-water heat pump:			no									
Brine-to-water heat pump:		no										
Low-temperature heat pump:												
Equipped with a supplementary he	ater:	no										
Heat pump combination heater:												
Declared climate condition												
Declared temperature application		Mediun	n	1								
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit					
Rated heat output(*)	Prated	4.3	kW	Seasonal space heating energy efficiency	Hs	110	%					
Declared capacity for heating for part loa and outdoor temperature Tj	d at indoor to	emperatur	e 20°C	Seasonal space heating energy efficiencyHs110%Declared coeffient of performance or primary energy ratio for part load indoor temperature 20°C and outdoor temperature TjTj = -7°CCOPd2.46-Tj = -7°CCOPd3.36-Tj = +2°CCOPd3.36-Tj = +2°CCOPd3.94Tj = +12°CCOPd6.35-Tj = +12°CCOPd6.35Tj = bivalent temperatureCOPd1.86-Tj = operation limit temperatureCOPd1.13For air-to-water heat pumps: Tj = -15°C(ifTOL<-20°C)								
$Tj = -7^{\circ}C$	Pdh	2.69	kW	$Tj = -7^{\circ}C$	COPd	2.46	-					
$Tj = +2^{\circ}C$	Pdh	1.60	kW	$Tj = +2^{\circ}C$	COPd	3.36	-					
$Tj = +7^{\circ}C$	Pdh	1.02	kW	$Tj = +7^{\circ}C$	COPd	3.94	-					
$Tj = +12^{\circ}C$	Pdh	1.37	kW	$Tj = +12^{\circ}C$	COPd	6.35	-					
Tj = bivalent temperature	Pdh	3.47	kW	Tj = bivalent temperature	COPd	1.86	-					
Tj = operation limit temperature	Pdh	2.09	kW	Tj = operation limit temperature	COPd	1.13	-					
For air-to-water heat pumps: Tj = -15°C(ifTOL<-20°C)	Pdh	-	kW		COPd	-	-					
Bivalent temperature	Tbiv	-15	°C		TOL	-22	°C					
Cycling interval capacity for heating	Pcych	-	kW	Cycling interval efficiency	COPcyc	-	-					
Degradation co-efficient(**)	Cdh	0.9	-	Heating water operating limit temperature	WTOL	52	°C					
Power consumption in modes othe	r than activ	ve mode		Supplemantary heater								
Off mode	P OFF	0.020	kW	Rated heat output (*)	Psup	2.2	kW					
Thermostat-off mode	Рто	0.030	kW									
Standby mode	P SB	0.020	kW	Type of energy input	1	/						
Crankcase heater mode	PcK	0.000	kW	1								
Other items	1		1	1	1							
Capacity control	V	ariable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	2800	m³/h					
Sound power level, indoors/outdoors	LWA	-	dB	For water-/bri ne-to-water heat pumps:Rated brine or water flow rate, outdoor heat		_	m³/h					
Annual energy consumption	QHE	3760	kWh	exchanger			/11					
For heat pump combination heater		5700	hr 11	1 -	1	<u> </u>						
Declaed load profile		-		Water heating energy efficiency	Owh	-	%					
-		-	1-33.71									
Daily electricity consumption	Qelec	-	kWh	Daily fuel consumption	Qfuel	-	kWh					
Contact details	AUX Co. 1166 Mir		North	Road, Jiangshan Yinzhou District, Ningbo, 31	15191 Zhe	ejiang, Ch	ina					