			Tech	nnical parameters								
Model(s):			ACHP-H06/4R3HA-ME									
Air-to-water heat ump:		yes										
Water-to-water heat pump:		no										
Brine-to-water heat pump:		no	no									
Low-temperature heat pump:												
Equipped with a supplementary heater:												
Heat pump combination heater:		no										
Declared climate condition	Warme	r										
Declared temperature application	T	Low	1	1	1	1						
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit					
Rated heat output(*)	Prated	6.1	kW	Seasonal space heating energy efficiency	ηs	256	%					
Declared capacity for heating for part l 20°C and outdoor temperature Tj	oad at indo	or temper	ature	Seasonal space heating energy efficiency  Declared coefficient of performance or primary energy ratio for part location indoor temperature 20°C and outdoor temperature Tj  Tj = -7°C  Tj = +2°C  COPd  Tj = +2°C  COPd  S.89  Tj = +12°C  COPd  S.89  Tj = bivalent temperature  COPd  Tj = operation limit temperature  COPd  To air-to-water heat pumps: Tj = -15°C (if COPd  TOL < -20°C)  To air-to-water heat pumps: Operation imit temperature  Cycling interval efficiency  COPcyc  COPcyc  COPcyc  COPcyc  COPd  S.89  COPd  S.89  COPd  COPd  S.89  COPd  COPd  S.89  COPd  COPd								
$\Gamma_i = -7^{\circ}C$	Pdh	-	kW	Ti = -7°C	COPd	_	-					
$Tj = +2^{\circ}C$	Pdh	5.85			COPd	3.91	_					
$\frac{Tj = +2^{\circ}C}{Tj = +7^{\circ}C}$	Pdh	3.92	kW	<u> </u>	1	l						
						-						
Tj = +12°C	Pdh	1.74	kW	1	-	-	-					
Tj = bivalent temperature	Pdh	3.92	kW	Tj = bivalent temperature	COPd	5.89	-					
$\Gamma$ j = operation limit temperature	Pdh	5.85	kW	Tj = operation limit temperature		3.91	-					
For air-to-water heat pumps: Tj = -15°C(ifTOL<-20°C)	Pdh	-	kW	For air-to-water heat pumps: $Tj = -15^{\circ}C$ (if $TOL < -20^{\circ}C$ )	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	СОРсус	-	-					
Degradation co-efficient(**)	Cdh	0.9	-	Heating water operating limit temperature	WTOL	60	°C					
Power consumption in modes othe	r than acti	ve mode	;	Supplemantary heater								
Off mode	POFF	0.020	kW	Rated heat output (*)	Psun	0.3	kW					
Thermostat-off mode	Рто	0.030	kW	Rated Heat Output ( )	Твар	0.5	X VV					
				Type of energy input	,	Electricity						
Standby mode Crankcase heater mode	PsB PcK	0.020	kW kW	1,750 or onergy input	'	Liconiony						
	TCK	0.000	KVV		<u> </u>							
Other items				For air to water best many - Detaile'	T	<del>                                     </del>						
Capacity control	V	ariable		flow rate, outdoors	-	2800	m <sup>3</sup> /h					
Sound power level	LWA	-	dB	For water-/bri ne-to-water heat pumps:Rated brine or water flow rate,	_	_	m <sup>3</sup> /h					
Annual energy consumption	QHE	1258	kWh	outdoor heat exchanger								
For heat pump combination heater												
Declaed load profile		-		Water heating energy efficiency	Owh	-	%					
Daily electricity consumption	Qelec	-	kWh	Daily fuel consumption	Qfuel	-	kWh					
Contact details	AUX Co., Ltd 1166 Mingguang North Road, Jiangshan Yinzhou District, Ningbo, 315191 Zhejiang, Cl											

<sup>(\*)</sup> For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (\*\*) If Cdh is not determined by measurement then the default degradation coefficient is Cdh =0.9

			Tec	hnical parameters								
Model(s):		ACHP-		R3HA-ME								
Air-to-water heat ump:			1100/ 11									
			no									
Brine-to-water heat pump:												
Low-temperature heat pump:												
Equipped with a supplementary he	ater:	no										
Heat pump combination heater:		no										
Declared climate condition		Warmer	r									
Declared temperature application			1	- h	<i>a</i> .	V 144						
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit					
Rated heat output(*)	Prated	8.1	kW	Seasonal space heating energy efficiency	ηs	162	%					
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T]				Declared coefficient of performance or primary energy ratio for part load indoor temperature 20°C and outdoor temperature Tj  Tj = -7°C  Tj = +2°C  Tj = +7°C  Tj = +12°C  Tj = bivalent temperature  Tj = operation limit temperature  Tj = operation limit temperature  To air-to-water heat pumps:  To air-to-water heat pumps:  Cycling interval efficiency  To air-to-water heat pumps:  To attend heat output (*)  Type of energy input  To attend heat pumps:  To air-to-water heat pumps								
Tj = -7°C	Pdh	-	kW	Tj = -7°C	COPd	- 1	-					
Tj = +2°C	Pdh	7.85	kW	Tj = +2°C	COPd	2.43	-					
Tj = +7°C	Pdh	5.21	kW	$Tj = +7^{\circ}C$	COPd	3.73	-					
Tj = +12°C	Pdh	2.31	kW	Tj = +12°C	COPd	6.03	-					
Tj = bivalent temperature	Pdh	5.21	kW	Tj = bivalent temperature	COPd	3.73	-					
Tj = operation limit temperature	Pdh	7.85	kW	Tj = operation limit temperature	COPd	2.43	-					
For air-to-water heat pumps: Tj = -15°C(ifTOL<-20°C)	Pdh	-	kW	For air-to-water heat pumps: $T_i = -15$ °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	СОРсус	-	-					
Degradation co-efficient(**)	Cdh	0.9	-	Heating water operating limit temperature	WTOL	60	°C					
Power consumption in modes other	r than activ	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	]	Electricity	,					
Crankcase heater mode	PcK	0.000	kW	ľ								
Other items	de de		ŝ.	ti.								
Capacity control	V	ariable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	2800	m <sup>3</sup> /h					
Sound power level	LWA	-	dB	For water-/brine-to-water heat pumps:Rated brine or water flow rate, outdoor heat	_	_	m <sup>3</sup> /h					
Annual energy consumption	Qне	2418	kWh	exchanger								
For heat pump combination heater	1 4			I.								
Declaed load profile		-		Water heating energy efficiency	Owh	- 1	%					
Daily electricity consumption	Qelec	-	kWh	Daily fuel consumption	Qfuel	- 1	kWh					
Contact details	AUX Co	AUX Co., Ltd 1166 Mingguang North Road, Jiangshan Yinzhou District, Ningbo, 315191 Zhejiang, China										

<sup>(\*)</sup> For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

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

			Te	chnical parameters							
Model(s):		ACHP-I		•							
			ACHP-H06/4R3HA-ME								
Water-to-water heat pump:		yes no									
		no no									
		no									
			no								
Heat pump combination heater:	aici.	no									
Declared climate condition		Average	<del></del>								
Declared temperature application	Low										
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit				
Rated heat output(*)	Prated	6.8	kW	Seasonal space heating energy efficiency	ηs	196	%				
Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance or primary indoor temperature 20°C and outdoor 20°C and outdoor 20°C and 00°C an		tio for par	t load at				
Tj = -7°C	Pdh	6.02	kW	Tj = -7°C	COPd	2.85	-				
Tj = +2°C	Pdh	3.66	kW	Tj = +2°C	COPd	4.98	-				
$Tj = +7^{\circ}C$	Pdh	2.35	kW	$Tj = +7^{\circ}C$	COPd	6.38	-				
Tj = +12°C	Pdh	1.05	kW	Tj = +12°C	COPd	9.67	-				
Tj = bivalent temperature	Pdh	6.02	kW	Tj = bivalent temperature	COPd	2.85	-				
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 v.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	СОРсус	-	-				
Degradation co-efficient(**)	Cdh	0.9	-	Heating water operating limit temperature	WTOL	60	°C				
Power consumption in modes other	r than acti	ve mode	•	Supplementary 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 Other items	Рск	0.000	kW								
Capacity control		Variable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	2800	m <sup>3</sup> /h				
Sound power level	LWA	-	dB	For water-/brine-to-water heat pumps:Rated brine or water flow rate, outdoor heat	-	-	m <sup>3</sup> /h				
Annual energy consumption	QHE	2818	kWh	exchanger							
For heat pump combination heater		•			•						
Declaed load profile		-		Water heating energy efficiency	Qwh	-	%				
Daily electricity consumption	Qelec	_	kWh	Daily fuel consumption	Qfuel	_	kWh				
Contact details	AUX Co	., Ltd		Road, Jiangshan Yinzhou District, Ningbo, 315	-						

<sup>(\*)</sup> For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (\*\*) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0.9

			Te	chnical parameters								
Model(s):	ACHP-H06/4F			R3HA-ME								
Air-to-water heat ump:		yes										
		no										
Brine-to-water heat pump:		no										
		no	no									
Equipped with a supplementary her	ater:	no	no									
41 4		no										
Declared climate condition		Average	е									
eclared temperature application Medium												
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit					
Rated heat output(*)	Prated	6.3	kW	Seasonal space heating energy efficiency	ηs	136	%					
				Seasonal space heating energy efficiency  Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20°C and outdoor temperature Tj  Tj = -7°C  COPd  2.20  - Tj = +2°C  COPd  3.42  - Tj = +12°C  COPd  4.30  - Tj = bivalent temperature  COPd  COPd  2.20  - Tj = operation limit temperature  COPd  COPd  1.85  - To air-to-water heat pumps: Tj =  15°C(ifTOL<-20°C)  To air-to-water heat pumps: Operation limit emperature  COPcyc  Cor air-to-water heat								
Tj = -7°C	Pdh	5.57	kW	Tj = -7°C	COPd	2.20	-					
$Tj = +2^{\circ}C$	Pdh	3.39	kW	Tj = +2°C	COPd	3.42	-					
$Tj = +7^{\circ}C$	Pdh	2.18	kW	$Tj = +7^{\circ}C$	COPd	4.30	-					
Tj = +12°C	Pdh	0.97	kW	Tj = +12°C	COPd	6.89	-					
Tj = bivalent temperature	Pdh	5.58	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	^cycti	-	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 acti	ve mode		Supplemantary heater								
Off mode	POFF	0.020	kW	Rated heat output (*)	Psup	2.27	kW					
Thermostat-off mode		0.030	kW	1								
Standby mode	Гѕв	0.020	kW	Type of energy input	E	Electricity	7					
Crankcase heater mode	P%	0.000	kW									
Other items												
Capacity control	'	/ariable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	2800	m <sup>3</sup> /h					
Sound power level	LWA	58	dB	For water-/brine-to-water heat pumps:Rated brine or water flow rate, outdoor heat	_	_	m <sup>3</sup> /h					
Annual energy consumption	QHE	3733	kWh	exchanger			,					
For heat pump combination heater	1 Aug	12.22	<u> </u>	1								
Declaed load profile		_		Water heating energy efficiency	Hwh	_	%					
Daily electricity consumption	Qelec	_	kWh	Daily fuel consumption	Qfuel	-	kWh					
Contact details	AUX Co			Road, Jiangshan Yinzhou District, Ningbo, 315	-	ng, China						

<sup>(\*)</sup> For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (\*\*) If Cdh is not determined by measurement then the default degradation coefficient is Cdh =0.9

			Te	chnical parameters						
Model(s):		ACHP-		R3HA-ME						
Air-to-water heat ump:		yes	1100/11	CHI NE						
		no								
Brine-to-water heat pump:										
Equipped with a supplementary her	nter:	no no								
* * * * * * * * * * * * * * * * * * * *										
T T		no Colder								
Declared temperature application I										
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit			
Rated heat output(*)	Prated	5.6	kW	Seasonal space heating energy efficiency	ηѕ	164	%			
			Seasonal space heating energy efficiency  Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20°C and outdoor temperature Tj  Tj = -7°C  COPd  3.59  - Tj = +2°C  COPd  5.21  - Tj = +12°C  COPd  6.24  - Tj = bivalent temperature  COPd  7.66  - Tj = operation limit temperature  COPd  7.66  - To air-to-water heat pumps: Tj = -15°C  ifTOL<-20°C)  For air-to-water heat pumps: Operation limit emperature  COPcyc  COPcyc  COPcyc  -  Heating water operating limit temperature  Rated heat output (*)  Psup  2.12 kW							
Tj = -7°C	Pdh	3.42	kW	Tj = -7°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°C	Pdh	1.44	kW	Tj = +12°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	Peych	-	kW	Cycling interval efficiency	COPcyc	-	-			
Degradation co-efficient(**)	Cdh	0.9	-	Heating water operating limit temperature	WTOL	52	°C			
Power consumption in modes other	than activ	ve mode		Heating water operating limit temperature WTOL 52 °C Supplementary heater						
Off mode	Poff	0.020	kW	Rated heat output (*)	Psup	2.12	kW			
Thermostat-off mode	Р то	0.030	kW							
Standby mode	PSB	0.020	kW	Type of energy input	]	Electricity	7			
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	m <sup>3</sup> /h			
Sound power level	LWA	-	dB	For water-/brine-to-water heat pumps:Rated brine or water flow rate, outdoor heat	_	_	m <sup>3</sup> /h			
Annual energy consumption	Qне	3314	kWh	exchanger						
For heat pump combination heater										
Declaed load profile		-		Water heating energy efficiency	Hwh	-	%			
Daily electricity consumption	Qelec	-	kWh	Daily fuel consumption	Qfuel	-	kWh			
Contact details	AUX Co., Ltd 1166 Mingguang North Road, Jiangshan Yinzhou District, Ningbo, 315191 Zhejiang, China									

<sup>(\*)</sup> For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (\*\*) If Cdh is not determined by measurement then the default degradation coefficient is Cdh =0.9

			Te	chnical parameters							
fodel(s): ACHP-H06/4				•							
Air-to-water heat ump:		yes									
Water-to-water heat pump:		no									
Brine-to-water heat pump:		no									
Low-temperature heat pump:		no									
_ , , , , , , ,		no									
Heat pump combination heater:		no									
		Colder									
Declared temperature application	application Medium										
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit				
Rated heat output(*)	Prated	4.3	kW	Seasonal space heating energy efficiency	ηѕ	111	%				
				Seasonal space heating energy efficiency  Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20°C and outdoor temperature Tj  Tj = -7°C  COPd 2.46  Tj = +2°C  COPd 3.36  -  Tj = +7°C  COPd 3.94  -  Tj = +12°C  COPd 6.35  -  Tj = bivalent temperature  COPd 1.86  -  Tj = operation limit temperature  COPd 1.13  -  For air-to-water heat pumps: Tj =  -15°C(ifTOL<-20°C)  For air-to-water heat pumps: Operation limit  temperature  COPcyc  COPcyc							
Tj = -7°C	Pdh	2.69	kW	Tj = -7°C	COPd	2.46	-				
$Tj = +2^{\circ}C$	Pdh	1.60	kW	Tj = +2°C	COPd	3.36	-				
$Tj = +7^{\circ}C$	Pdh	1.02	kW	$Tj = +7^{\circ}C$	COPd	3.94	-				
Tj = +12°C	Pdh	1.37	kW	Tj = +12°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	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	^cycti	-	kW	Cycling interval efficiency	COPcyc	-	-				
Degradation co-efficient(**)	Cdh	0.9	-	Heating water operating limit temperature	WTOL	52	°C				
Power consumption in modes other	than acti	ve mode		Supplemantary heater							
Off mode	POFF	0.020	kW	Rated heat output (*)	Psup	2.2	kW				
Thermostat-off mode		0.030	kW		1						
Standby mode	Гѕв	0.020	kW	Type of energy input	]	Electricit	у				
Crankcase heater mode	P%	0.000	kW								
Other items											
Capacity control	'	/ariable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	2800	m <sup>3</sup> /h				
Sound power level	LWA	-	dB	For water-/brine-to-water heat pumps:Rated brine or water flow rate, outdoor heat	_	_	m <sup>3</sup> /h				
Annual energy consumption	QHE	3760	kWh	exchanger							
For heat pump combination heater		1		1	1	1	I.				
Declaed load profile		_		Water heating energy efficiency	Hwh	_	%				
Daily electricity consumption	Qelec	_	kWh	Daily fuel consumption	Qfuel	-	kWh				
Contact details	AUX Co			Road, Jiangshan Yinzhou District, Ningbo, 315		1					

<sup>(\*)</sup> For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (\*\*) If Cdh is not determined by measurement then the default degradation coefficient is Cdh =0.9