			Tech	nnical parameters								
Model(s):		ACHP-		R3HA-ME ACHP-H06/4R3HA-M (NE)								
Air-to-water heat ump:	yes											
Water-to-water heat pump:		no										
Brine-to-water heat pump:		no										
Low-temperature heat pump:		no	10									
_ , , , , , , , ,		no										
Heat pump combination heater:		no										
Declared climate condition		Warme	r									
Declared temperature application	_	Low	ı	,	Ī							
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 I 20°C and outdoor temperature Tj	oad at indoo	or temper	rature	Declared coeffient of performance or primary energy ratio for part loa at indoor temperature 20°C and outdoor temperature Tj								
Tj = -7°C	Pdh	-	kW	Tj = -7°C	COPd	_	-					
$Tj = +2^{\circ}C$	Pdh	5.85	kW	Tj = +2°C	COPd	3.91	-					
Tj = +7°C	Pdh	3.92	kW	Tj = +7°C	COPd	5.89	-					
Tj = +12°C	Pdh	1.74	kW	Tj = +12°C	COPd	8.20	_					
Tj = bivalent temperature	Pdh	3.92	kW	Tj = bivalent temperature	COPd	5.89	_					
Tj = operation limit temperature	Pdh	5.85	kW	Tj = operation limit temperature	COPd	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 $TOL < -20^{\circ}C$ )		-	=					
Bivalent temperature	Tbiv	7	°C	For air-to-water heat pumps: Operation limit temperature	TOL	2	°C					
Cycling interval capacity for heating	Peych	-	kW	Cycling interval efficiency	COPcyc	-	=					
Degradation co-efficient(**)	Cdh	0.9	III	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 (*)	Psup	0.3	kW					
Thermostat-off mode	Рто	0.030	kW									
Standby mode	PsB	0.020	kW	Type of energy input	] 1	Electricity	7					
Crankcase heater mode	PcK	0.020	kW	1		•						
Other items	1	1	1	1								
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-/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			/ 11					
For heat pump combination heater			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,								

<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-H06/4R3HA-ME ACHP-H06/4R3HA-M (NE)											
	ir-to-water heat ump:			HUU/4KJHA-IVIE ACHY-HUU/4KJHA-IVI (NE)								
			no									
		no										
• •												
		no	10									
Heat pump combination heater:	ater.	no										
Declared climate condition Warmer  Declared temperature application Medium												
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 $20~^{\circ}\text{C}$ and outdoor temperature $TJ$				Declared coefficient of performance or primary indoor temperature 20°C and outdoor 20°C and outdoor 20°C and outdoor 20°C and 00°C		atio for pa	art load a					
Tj = -7°C	Pdh	-	kW	Tj = -7°C	COPd	_	-					
Tj = +2°C	Pdh	7.85	kW	$Tj = +2^{\circ}C$	COPd	2.43	-					
$Tj = +7^{\circ}C$	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: 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	СОРсус	-	-					
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	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	] 1	Electricity	7					
Crankcase heater mode	PcK	0.000	kW									
Other items	ı	1		1	1							
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	QHE	2418	kWh	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, 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

			Teo	chnical parameters						
Model(s):		ACHP-		3HA-ME ACHP-H06/4R3HA-M (NE)						
Air-to-water heat ump:	ves									
Water-to-water heat pump:		no								
Brine-to-water heat pump:		no								
Low-temperature heat pump:	no									
Equipped with a supplementary he	no									
Heat pump combination heater:										
Declared climate condition		no Average	e							
Declared temperature application L										
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 and outd		tio for par	t load at			
$Tj = -7^{\circ}C$	Pdh	6.02	kW	$Tj = -7^{\circ}C$	COPd	2.85	-			
Tj = +2°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°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	Peych	-	kW	Cycling interval efficiency	COPcyc	-	-			
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 (*)	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	РСК	0.000	kW							
Other items	•				•					
Capacity control	7	√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	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		ı	Road, Jiangshan Yinzhou District, Ningbo, 315	1 - 2	ang, Chin				

<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	echnical parameters			
Model(s):		ACHP-		R3HA-ME ACHP-H06/4R3HA-M(NE)			
	Air-to-water heat ump:			NOTIFY THE FROM THOSE HOTHER WI(TVE)			
Water-to-water heat pump: no							
Brine-to-water heat pump: no							
Low-temperature heat pump: no							
Equipped with a supplementary he	ater:	no					
Heat pump combination heater: no Declared climate condition Average			e				
Declared 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	%
Declared capacity for heating for part lo 20°C and outdoor temperature Tj	oad at indo	or temper	ature	Declared coefficient of performance or primary indoor temperature 20°C and outdoor temperature		o for part	load at
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	$Tj = +12^{\circ}C$	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	r than acti	ve mode	:	Supplemantary heater			
Off mode	Poff	0.020	kW	Rated heat output (*)	Psup	2.27	kW
Thermostat-off mode	P TO	0.030	kW				
Standby mode	∫sB	0.020	kW	Type of energy input	E	Electricity	1
Crankcase heater mode	P%	0.000	kW				
Other items							
Capacity control	7	/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	Оне	3733	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 1166 Mii		I	Road, Jiangshan Yinzhou District, Ningbo, 315	191 Zhejia	ng, Chin	

<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-H06/4R3HA-ME ACHP-H06/4R3HA-M (NE)										
Air-to-water heat ump:	` _			NOTH THE TION THOSE WITH WITH E							
Water-to-water heat pump:											
Brine-to-water heat pump:											
Low-temperature heat pump: no											
Equipped with a supplementary he	ater:	no									
Heat pump combination heater:		no									
Declared climate condition											
Declared temperature application Low											
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit				
Rated heat output(*)	Prated	5.6	kW	Seasonal space heating energy efficiency	ηs	164	%				
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 temperature 20°C.		io for part	load at				
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	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	r than acti	ve mode		Supplemantary heater							
Off mode	Poff	0.020	kW	Rated heat output (*)	Psup	2.12	kW				
Thermostat-off mode	Рто	0.030	kW	- The surpose ( )	1 349	,	11				
Standby mode	PSB	0.020	kW	Type of energy input	]	Electricity	,				
Crankcase heater mode	PcK	0.000	kW	]							
Other items	•	•	•		•						
Capacity control	7	/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	Оне	3314	kWh	exchanger			/ 11				
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 1166 Mii			Road, Jiangshan Yinzhou District, Ningbo, 315	191 Zhejia	ang, China	ì				

<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 ACHP-H06/4R3HA-M(NE)			
• •	-to-water heat ump: yes			term me mem mem m(ne)			
	Vater-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:							
Declared climate condition Co							
Declared temperature application		Mediun	n				
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output(*)	Prated	4.3	kW	Seasonal space heating energy efficiency	ηs	111	%
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 temperature		o for par	t load at
Tj = -7°C	Pdh	2.69	kW	$Tj = -7^{\circ}C$	COPd	2.46	1
Tj = +2°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°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	-	1
Degradation co-efficient(**)	Cdh	0.9	-	Heating water operating limit temperature	WTOL	52	°C
Power consumption in modes other	r than acti	ve mode		Supplemantary heater			
Off mode	Poff	0.020	kW	Rated heat output (*)	Psup	2.2	kW
Thermostat-off mode	P TO	0.030	kW				
Standby mode	∫sB	0.020	kW	Type of energy input	1	Electricity	y
Crankcase heater mode	P%	0.000	kW				
Other items							
Capacity control	7	/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	_	_	m³/h
Annual energy consumption	Qне	3760	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 1166 Mii		North	Road, Jiangshan Yinzhou District, Ningbo, 315	191 Zhejia	nng, Chin	a

<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