Model(s):		() intdoor	n 11mite A	CHP_H06/AR3HA O Indoor units ACUP 1104	// 🖸 2 🖬 🗸 🗸						
			CHP-H06/4R3HA-O Indoor unit: ACHP-H06	/4КЗПА-І							
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 Warmer			•								
Declared temperature application		Low	1		1	1					
tem	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	d at indoor to	emperature	e 20°C	Declared coeffient of performance or primary indoor temperature 20°C and outdoor temperature		tio for pa	rt load a				
$\Gamma j = -7^{\circ}C$	Pdh	-	kW	$Tj = -7^{\circ}C$	COPd	-	-				
$\Gamma j = +2^{\circ}C$	Pdh	5.85	kW	$Tj = +2^{\circ}C$	COPd	3.91	-				
$\Gamma j = +7^{\circ}C$	Pdh	3.92	kW	Tj=+7°C	COPd	5.89	-				
$\Gamma j = +12^{\circ}C$	Pdh	1.74	kW	Tj=+12°C	COPd	8.20	-				
$\Gamma j = bivalent temperature$	Pdh	3.92	kW	Tj = bivalent temperature	COPd	5.89	-				
Γj = operation limit temperature	Pdh	5.85	kW	Tj = operation limit temperature	COPd	3.91	-				
For air-to-water heat pumps: Fi = -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 neating	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	Electricity						
Crankcase heater mode		0.000	kW								
Other items	Рск	0.000	K VV								
Capacity control	V	/ariable		For air-to-water heat pumps: Rated airflow rate, outdoors	-	2800	m³/h				
Sound power level, ndoors/outdoors	LWA	-	dB	For water-/brine-to-water heat pumps:Rated brine or water flow rate, outdoor heat	_	_	m³/h				
Annual energy consumption	QHE	1270	kWh	exchanger			111/11				
For heat pump combination heater		12/0	II VV 71		1	1					
Por neat pump combination neater Declaed load profile				Water heating energy efficiency	Owh	_	%				
	0.1	-	1-3371								
Daily electricity consumption	Qelec	-	kWh	Daily fuel consumption	Qfuel	-	kWh				

Model(s):	odel(s): Outdoor unit:			ACHP-H06/4R3HA-O Indoor unit ACHP-H06/4	4R3HA-I							
Air-to-water heat ump:		yes										
Water-to-water heat pump:			no									
Brine-to-water heat pump:			no									
Low-temperature heat pump: r			no									
Equipped with a supplementary heater: n			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 and outdoor temperature Tj	d at indoor te	emperature	e 20°C	Declared coeffient of performance or primary energy ratio for part load a indoor temperature 20°C and outdoor temperature Tj								
$Tj = -7^{\circ}C$	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	$Tj = +7^{\circ}C$	COPd	3.72	-					
$Tj = +12^{\circ}C$	Pdh	2.33	kW	$Tj = +12^{\circ}C$	COPd	5.85	-					
Tj = bivalent temperature	Pdh	5.26	kW	Tj = bivalent temperature	COPd	3.72	-					
$T_j = operation limit temperature$	Pdh	7.25	kW	$T_j = operation limit temperature$	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 othe	r than activ	ve mode		Supplementary heater								
Off mode	POFF	0.020		Rated heat output (*)	Psup	2.27	kW					
Thermostat-off mode	P TO	0.020			1300	2.21	X VV					
Standby mode	Гю	0.030		- Type of energy input	1	Instricity	r					
-				Type of energy input		Electricity						
Crankcase heater mode	P(DK	0.000	ĸW									
Other items	1				1							
Capacity control	V 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	Qне	2593	kWh	exchanger								
For heat pump combination heater				•								
Declaed load profile		-		Water heating energy efficiency	Hwh	-	%					
Daily electricity consumption	Qelec	-	kWh	Daily fuel consumption	Qfuel	-	kWł					
Contact details	AUX Co. 1166 Mir		1	Road, Jiangshan Yinzhou District, Ningbo, 315	191 Zhejia	ing, China	1					

Contact details	AUX Co. 1166 Mir		North	Road, Jiangshan Yinzhou District, Ningbo, 31	5191 Zhe	jiang, Ch	ina				
Daily electricity consumption	Qelec		kWh	Daily fuel consumption	Qfuel	-	kWh				
Declaed load profile	0.1	-	1.3371	Water heating energy efficiency	Hwh	-	%				
For heat pump combination heater				Weter besting a free free free free free free free fr			07				
Annual energy consumption	QHE	2853	kWh	exchanger							
Sound power level, indoors/outdoors	LWA	-	dB	For water-/brine-to-water heat pumps:Rated brine or water flow rate, outdoor heat	-	-	m³/h				
Capacity control	V	ariable		For air-to-water heat pumps: Rated air flow rate, outdoors	- 2800 m		m ³ /h				
Other items											
Crankcase heater mode	Рск	0.000	kW								
Standby mode	Psb	0.020	kW	Type of energy input	1	Electricity	y				
Thermostat-off mode	Рто	0.030	kW								
Off mode	Poff	0.020	kW	Rated heat output (*)	Psup	1.38	kW				
Power consumption in modes other t	han active	e mode		Supplemantary heater	·						
Degradation co-efficient(**)	Cdh	0.9	-	Heating water operating limit temperature	WTOL	60	°C				
Cycling interval capacity for heating	Pcych	-	kW	Cycling interval efficiency	COPcyc	-	-				
Bivalent temperature	Tbiv	-7	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C				
$Tj = -15^{\circ}C(ifTOL < -20^{\circ}C)$	Pdh	-	kW	Tj= $-15^{\circ}C(ifTOL <-20^{\circ}C)$	COPd	-	-				
For air-to-water heat pumps:		5.42		For air-to-water heat pumps:		2.90	-				
Tj = bivalent temperature Tj = operation limit temperature	Pdh	5.42	kW kW	Tj = bivalent temperature Tj = operation limit temperature	COPd	2.90	-				
	Pdh	6.02	kW		COPd	3.24					
$\frac{1}{T_{j} = +12^{\circ}C}$	Pdh	1.05	kW	$T_j = +12^{\circ}C$	COPd	9.67	_				
$Tj = +7^{\circ}C$	Pdh	2.35	kW	$Tj = +7^{\circ}C$	COPd	6.38	_				
$Tj = +2^{\circ}C$	Pdh	3.66	kW	$Tj = +2^{\circ}C$	COPd	4.98	_				
$Tj = -7^{\circ}C$	Pdh	6.00	kW	indoor temperature 20°C and outdoor temper Tj = $-7^{\circ}C$	COPd	3.24	-				
	indoor tem	perature 2	0 °C and	Declared coeffient of performance or primary		atio for p	art load				
Rated heat output(*)	Prated	6.8	kW	Seasonal space heating energy efficiency	Hs	194	%				
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit				
Declared temperature application	1	Low		1							
Declared climate condition		Average	e								
		no									
Equipped with a supplementary heat	er:	no									
Low-temperature heat pump:		no no									
		no									
Air-to-water heat ump:		yes									
	Outdoor unit:ACHP-H06/4R3HA-O Indoor unit: ACHP-H06/4R3HA-I										

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

Model(s):		Outdoo		nical parameters ACHP-H06/4R3HA-0 Indoor unit ACHP-H0	6/4R3HA	-I					
Air-to-water heat ump:											
Water-to-water heat pump:		yes 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		Average									
Declared temperature application		Mediun	n	1							
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 temp	berature 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						
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 ³ /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	-	_	m ³ /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 Min		North	Road, Jiangshan Yinzhou District, Ningbo, 3	15191 Zh	ejiang, Cł	nina				

Model(s):			Outdoor unit: ACHP-H06/4R3HA-O Indoor unit: ACHP-H06/4R3HA-I									
Air-to-water heat ump:			yes									
1 1			no									
Brine-to-water heat pump:		no										
Low-temperature heat pump:		no										
Equipped with a supplementary heater:												
Heat pump combination heater:												
Declared temperature application		Low	Colder									
Item	Symbol	Value	Unit	Item	Symbol	Value	Uni					
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		$Tj = +7^{\circ}C$	COPd	6.24	-					
$Tj = +12^{\circ}C$	Pdh	1.44	kW	$T_i = +12^{\circ}C$	COPd	7.66	-					
Tj = bivalent temperature	Pdh	4.59	kW	Tj = bivalent temperature	COPd	2.53	-					
				-								
Tj = operation limit temperature For air-to-water heat pumps: Tj =	Pdh	3.48	kW	Tj = operation limit temperature For air-to-water heat pumps: Tj =	COPd	1.96	-					
-15°C(ifTOL<-20°C)	Pdh	-	kW	-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			1 1						
Standby mode	PSB	0.020	kW	- Type of energy input	Electricity							
Crankcase heater mode		0.020	kW			Licenterry						
	PcK	0.000	K VV									
Other items						<u> </u>						
Capacity control	V	ariable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	2800	m ³ /l					
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	-	-	m ³ /l					
For heat pump combination heater												
Declaed load profile		-		Water heating energy efficiency	Owh	-	%					
Daily electricity consumption	Qelec	-	kWh	Daily fuel consumption	Qfuel	-	kW					
Contact details	AUX Co	, Ltd	1	Road, Jiangshan Yinzhou District, Ningbo		1 1						

				chnical parameters		т								
			ACHP-H06/4R3HA-O Indoor unit ACHP-H06	5/4R3HA-	·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:														
Heat pump combination heater: no														
Declared climate condition C														
Declared temperature application	1	Mediur	n											
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	Declared coeffient of performance or primary indoor temperature 20°C and outdoor temper		atio for p	art load							
$Tj = -7^{\circ}C$	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	-							
$\Gamma j = operation limit temperature$	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: $Tj = -15^{\circ}C(ifTOL \le 20^{\circ}C)$	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 othe	r than acti	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	Electricity									
Crankcase heater mode	PcK	0.000	kW	1										
Other items			1	1	1									
Capacity control	\ \	ariable		For air-to-water heat pumps: Rated air flow rate, outdoors	- 2800 m ³		m³/h							
Sound power level,	LWA	-	dB	For water-/bri ne-to-water heat pumps:Rated	1 -									
indoors/outdoors			1	brine or water flow rate, outdoor heat exchanger		-	m³/h							
Annual energy consumption	QHE	3760	kWh	exemunger										
For heat pump combination heater							A /							
Declaed load profile		-	1	Water heating energy efficiency	Owh	-	%							
Daily electricity consumption	Qelec	-	kWh	Daily fuel consumption	Qfuel	-	kWh							
Contact details			North	Road, Jiangshan Yinzhou District, Ningbo, 3	15191 Zhe	AUX Co., Ltd 1166 Mingguang North Road, Jiangshan Yinzhou District, Ningbo, 315191 Zhejiang, China								