			Te	chnical parameters				
Iodel(s): ACHP-H10/4R								
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:								
Declared climate condition		Warme	r					
Declared temperature application		Low			r			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit	
Rated heat output(*)	Prated	8.6	kW	Seasonal space heating energy efficiency	ηs	267	%	
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 load at indoor temperature 20°C and outdoor temperature Tj Tj = -7°C Tj = -7°C COPd - Tj = +2°C COPd S.85 - Tj = +12°C COPd S.85 - Tj = bivalent temperature COPd Tj = operation limit temperature For air-to-water heat pumps: Tj = -15°C (ifTOL<-20°C) For air-to-water heat pumps: Operation limit temperature COPcyc COPcy				
Γj = -7°C	Pdh	-	kW	Tj = -7°C	COPd	-	-	
Γj = +2°C	Pdh	8.20	kW	Tj = +2°C	COPd	3.84	-	
Tj = +7°C	Pdh	5.53	kW	$Tj = +7^{\circ}C$	COPd	5.85	-	
Tj = +12°C	Pdh	2.46	kW	Tj = +12°C	COPd	9.04	-	
Tj = bivalent temperature	Pdh	5.53	kW	Tj = bivalent temperature	COPd	5.85	-	
Γ_j = operation limit temperature	Pdh	8.20	kW	Tj = operation limit temperature	COPd	3.84	-	
For air-to-water heat pumps: Tj = -15°C (ifTOL<-20°C)	Pdh	-	kW	For air-to-water heat pumps: Ti = -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 acti	ve mode	;	Supplemantary heater				
Off mode	POFF	0.020	kW	Rated heat output (*)	Psup	0.40	kW	
Thermostat-off mode		0.030	kW		F	<u>. </u>		
Standby mode	∫sB	0.020	kW	Type of energy input	1	Electricity	7	
Crankcase heater mode	PcK	0.000	kW	1				
Other items			•					
Capacity control	V	/ariable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	4000	m ³ /h	
Sound power level,	Lwa	-	dB	For water-/brine-to-water heat pumps:Rated brine or water flow rate, outdoor heat	_	-	m ³ /h	
Annual energy consumption	QHE	1701	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	ang, Chin	a	

^(*) 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

		23	Tecl	nnical parameters							
Model(s):		ACHP-H10/4R3HA-ME									
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	er:	no									
Heat pump combination heater:		no									
Declared climate condition		Warmer									
Declared temperature application		Mediun	1		7						
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit				
Rated heat output。)	Prated	14.1	kW	Seasonal space heating energy efficiency	ηѕ	171	%				
Declared capacity for heating for part load and outdoor temperature Tj	at indoor	emperatu	re 20°C	Declared coeffient of performance or primary indoor temperature 20°C and outdoor 20°C and outdoor 20°C and 00°C a		tio for pa	art load a				
Tj = -7°C	Pdh	_	kW	Tj = -7°C	COPd	-	-				
Tj = +2°C	Pdh	13.7		$Tj = +2^{\circ}C$	COPd	2.49	-				
Tj = +7°C	Pdh	9.06	kW	$Tj = +7^{\circ}C$	COPd	3.46	-				
Tj = +12°C	Pdh	4.03	kW	Tj = +12°C	COPd	6.01	-				
Tj = bivalent temperature	Pdh	9.06	kW	Tj = bivalent temperature	COPd	3.46	-				
Tj = operation limit temperature	Pdh	13.7	kW	Tj = operation limit temperature	COPd	2.49	-				
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 the	han active	mode		Suppiemantary heater			***				
Off mode	POFF	0.020	kW	Rated heat output (*)	Psup	0.40	kW				
Thermostat-off mode	P TO	0.030	kW								
Standby mode	Гѕв	0.020	kW	Type of energy input	1	Electricity	y				
Crankcase heater mode	PcK	0.000	kW								
Other items											
Capacity control	,	ariable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	4000	m ³ /h				
Sound power level	LWA	-	dB	For water-/brine-to-water heat pumps:Rated brine or water flow rate, outdoor heat	-	_	m ³ /h				
Annual energy consumption	QHE	4331	kWh	exchanger			,				
For heat pump combination heater			•								
Declaed load profile		84		Water heating energy efficiency	Hwh	_	%				
Daily electricity consumption	Qelec	Γ-	kWh	Daily fuel consumption	Qfuel	_	kWh				
Contact details	AUX Co	., Ltd		Road, Jiangshan Yinzhou District, Ningbo, 31		iang, Chi					

^(*) 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-		кзна-ме					
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	y heater:	no							
Heat pump combination heater		no							
Declared climate condition A			е						
Declared temperature applicati	on	Low							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit		
Rated heat output(*)	Prated	9.2	kW	Seasonal space heating energy efficiency	ηs	198	%		
Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature T,				Declared coeffient of performance or prima at indoor temperature 20°C and outdoor tem		_	art loa		
Tj = -7°C	Pdh	8.14	kW	Tj = -7°C	COPd	3.17	-		
Tj = +2°C	Pdh	4.95	1	Tj = +2°C	COPd	5.02	-		
Tj = +7°C	Pdh	3.18	kW	$Tj = +7^{\circ}C$	COPd	6.30	-		
Tj = +12°C	Pdh	1.42	kW	Tj = +12°C	COPd	8.33	-		
Tj = bivalent temperature	Pdh	8.14	kW	Tj = bivalent temperature	COPd	3.17	-		
Tj = operation limit temperature	Pdh	7.40	kW	Tj = operation limit temperature	COPd	2.86	-		
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	СОРсус	-	-		
Degradation co-efficient(**)	Cdh	0.9	_	Heating water operating limit temperature	WTOL	60	°C		
Power consumption in modes of	•		node	Supplementary heater					
Off mode	Poff	0.020	kW	Rated heat output (*)	Psup	1.8	kW		
Thermostat-off mode	Рто	0.030	kW						
Standby mode	PsB	0.020	kW	Type of energy input	E	lectricity			
Crankcase heater mode	PCK	0.020	kW	1					
		3.000	K ***						
Other items	1			For air to water hand assumed Date 1 - 2 C		Г			
Capacity control	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	ariable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	4000	m ³ /h		
Sound power level	LWA	-	dB	For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat	-	_	m ³ /h		
Annual energy consumption	QHE	3774	kWh	exchanger					
For heat pump combination he		•	•	•		<u>'</u>			
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								

^(*) 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

			Tech	nical parameters							
Model(s):		ACHP-H10/4R3HA-ME									
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									
Declared climate condition		Average	Average								
Declared temperature application		Mediun	n								
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit				
Rated heat output(*)	Prated	7.7	kW	Seasonal space heating energy efficiency	ηs	136	%				
Declared capacity for heating for part load at indoor temperatur 20°C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20°C and outdoor temperature Tj							
Tj = -7°C	Pdh	6.81	kW	Tj = -7°C	COPd	2.03	_				
Tj = +2°C	Pdh	4.15	kW	$Tj = +2^{\circ}C$	COPd	3.46	_				
$Tj = +7^{\circ}C$		2.67	kW	$Tj = +7^{\circ}C$	COPd	4.50	-				
$Tj = +12^{\circ}C$	Pdh	1.18	kW	Tj = +12°C	COPd	7.01	-				
Tj = bivalent temperature	Pdh	6.81	kW	Tj = bivalent temperature	COPd	2.03	-				
Tj = operation limit temperature	Pdh	5.23	kW	Tj = operation limit temperature	COPd	1.63	-				
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	r than act	ive mod	e	Supplemantary heater							
Off mode	Poff	0.020	kW	Rated heat output (*)	Psup	2.47	kW				
Thermostat-off mode	Рто	0.030	kW								
Standby mode	PsB	0.020	kW	Type of energy input	1	Electricit	y				
Crankcase heater mode	РСК	0.000	kW								
Other items											
Capacity control	'	/ariable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	4000	m ³ /h				
Sound power level	Lwa	60	dB	For water-/brine-to-water heat pumps:Rated brine or water flow rate,	_	-	m ³ /h				
Annual energy consumption	QHE	4553	kWh	outdoor heat 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	o, 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(Ti),

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

			Tech	nical parameters							
Model(s):		ACHP-H10/4R3HA-ME									
Air-to-water heat ump:		yes yes									
Water-to-water heat pump:		no									
Brine-to-water heat pump:		no									
Low-temperature heat pump:		no									
		no									
41 4		no									
Declared climate condition		Colder									
Declared temperature application	perature application										
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit				
Rated heat output(*)	Prated	7.7	kW	Seasonal space heating energy efficiency	ηs	168	%				
Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance or prin load at indoor temperature 20°C and outd	-		_				
Tj = -7°C	Pdh	4.83	kW	Tj = -7°C	COPd	3.60	-				
Tj = +2°C	Pdh	2.94	kW	Tj = +2°C	COPd	5.26	-				
Tj = +7°C	Pdh	1.92	kW	$Tj = +7^{\circ}C$	COPd	7.08	-				
Tj = +12°C	Pdh	1.65	kW	Tj = +12°C	COPd	7.96	-				
Tj = bivalent temperature	Pdh	6.32	kW	Tj = bivalent temperature	COPd	2.64	-				
Tj = operation limit temperature	Pdh	4.62	kW	Tj = operation limit temperature	COPd	1.97	-				
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	Pcycti	-	kW	Cycling interval efficiency	СОРсус	-	-				
Degradation co-efficient(**)	Cdh	0.9	-	Heating water operating limit temperature	WTOL	52	°C				
Power consumption in modes other	er than act	ive mode	е	Supplemantary heater							
Off mode	Poff	0.020	kW	Rated heat output (*)	Psup	3.08	kW				
Thermostat-off mode	Рто	0.030	kW								
Standby mode	PSB	0.020	kW	Type of energy input]	Electricity	y				
Crankcase heater mode Other items	Рск	0.000	kW								
Capacity control	V	ariable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	4000	m ³ /h				
Sound power level	Lwa	-	dB	For wate r-/bri n e-to-water heat pumps:Rated brine or water flow rate,	-	-	m ³ /h				
Annual energy consumption	QHE	4439	kWh	outdoor heat exchanger							
For heat pump combination heater	<u> </u>										
Declaed load profile		-		Water heating energy efficiency	Owh	-	%				
Daily electricity consumption	Qelec	-	kWh	Daily fuel consumption	Qfuel	-	kWh				
Contact details	ALLY Co. I td										

^(*) 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(Ti).

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

			Tech	nical parameters							
Model(s):	ACHP-H10/4R3HA-ME										
		yes									
Water-to-water heat pump:		no									
Brine-to-water heat pump:		no									
Low-temperature heat pump:		no									
_ , _ , , , _ ,		no									
Heat pump combination heater:		no									
Declared climate condition		Colder									
Declared temperature application	Mediun	n									
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit				
Rated heat output(*)	Prated	6.7	kW	Seasonal space heating energy efficiency	ηs	116	%				
Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance or prin load at indoor temperature 20°C and outc			_				
Tj = -7°C	Pdh	4.27	kW	Tj = -7°C	COPd	2.54	-				
Tj = +2°C	Pdh	2.57	kW	$Tj = +2^{\circ}C$	COPd	3.51	-				
$Tj = +7^{\circ}C$	Pdh	1.65	kW	$Tj = +7^{\circ}C$	COPd	4.37	-				
$Tj = +12^{\circ}C$	Pdh	1.48	kW	Tj = +12°C	COPd	5.96	-				
Tj = bivalent temperature	Pdh	5.47	kW	Tj = bivalent temperature	COPd	2.00	-				
Tj = operation limit temperature	Pdh	2.80	kW	Tj = operation limit temperature	COPd	1.22	-				
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	er than act	ive mod	e	Supplemantary heater							
Off mode	Poff	0.020	kW	Rated heat output (*)	Psup	3.9	kW				
Thermostat-off mode	Рто	0.030	kW								
Standby mode	PsB	0.020	kW	Type of energy input] 1	Electricit	y				
Crankcase heater mode	РСК	0.000	kW								
Other items					1	ı					
Capacity control	V V	ariable		For air-to-water heat pumps: Rated air flow rate, outdoors	_	4000	m ³ /h				
Sound power level	Lwa	-	dB	For water-/brine-to-water heat pumps:Rated brine or water flow rate,		_	m³/h				
Annual energy consumption	QHE	5574	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, 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(Ti).

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