

## Product Fiche

Technical parameters							
Model(s):		Outdoor unit: 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					
Equipped with a supplementary heater:		no					
Heat pump combination heater:		no					
Declared climate condition		Warmer					
Declared temperature application		Low					
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 load at indoor temperature 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	-	kW	Tj = -7°C	COPd	-	-
Tj = +2°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 (if TOL < -20°C)	Pdh	-	kW	For air-to-water heat pumps: Tj = -15°C (if TOL < -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	Pcyc	-	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 active mode				Supplementary heater			
Off mode	POFF	0.020	kW	Rated heat output (*)	Psup	0.25	kW
Thermostat-off mode	PTO	0.030	kW	Type of energy input	Electricity		
Standby mode	PSB	0.020	kW				
Crankcase heater mode	PCK	0.000	kW				
Other items							
Capacity control	Variable			For air-to-water heat pumps: Rated airflow rate, outdoors	-	2800	m³/h
Sound power level, indoors/outdoors	LWA	-	dB	For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h
Annual energy consumption	QHE	1270	kWh				
For heat pump combination heater							
Declared 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							

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Model(s):		Outdoor unit: 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					
Equipped with a supplementary heater:		no					
Heat pump combination heater:		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	Ms	164	%
Declared capacity for heating for part load at indoor temperature 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	-	kW	Tj = -7°C	COPd	-	-
Tj = +2°C	Pdh	7.25	kW	Tj = +2°C	COPd	2.40	-
Tj = +7°C	Pdh	5.26	kW	Tj = +7°C	COPd	3.72	-
Tj = +12°C	Pdh	2.33	kW	Tj = +12°C	COPd	5.85	-
Tj = bivalent temperature	Pdh	5.26	kW	Tj = bivalent temperature	COPd	3.72	-
Tj = operation limit temperature	Pdh	7.25	kW	Tj = operation limit temperature	COPd	2.40	-
For air-to-water heat pumps: Tj = -15°C (if TOL < -20°C)	Pdh	-	kW	For air-to-water heat pumps: Tj = -15°C (if TOL < -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	Pcyc	-	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 active mode				Supplementary heater			
Off mode	POFF	0.020	kW	Rated heat output (*)	Psup	2.27	kW
Thermostat-off mode	P TO	0.030	kW				
Standby mode	┌ <sub>SB</sub>	0.020	kW				
Crankcase heater mode	P(DK)	0.000	kW				
Type of energy input							
Electricity							
Other items							
Capacity control	Variable			For air-to-water heat pumps: Rated air flow rate, outdoors	-	2800	m <sup>3</sup> /h
Sound power level, indoors/outdoors	LWA	-	dB	For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m <sup>3</sup> /h
Annual energy consumption	QHE	2593	kWh				
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						
(*) 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							

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Technical parameters							
Model (s):		Outdoor unit: ACHP-H06/4R3HA-O					
Air-to-water heat pump:		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		Average					
Declared temperature application		Low					
Item	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 indoor temperature 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	6.00	kW	Tj = -7°C	COPd	3.24	-
Tj = +2°C	Pdh	3.66	kW	Tj = +2°C	COPd	4.98	-
Tj = +7°C	Pdh	2.35	kW	Tj = +7°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	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 (if TOL < -20°C)	Pdh	-	kW	For air-to-water heat pumps: Tj = -15°C (if TOL < -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	Pcyc	-	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 active mode				Supplementary heater			
Off mode	POFF	0.020	kW	Rated heat output (*)	Psup	1.38	kW
Thermostat-off mode	PTO	0.030	kW				
Standby mode	PSB	0.020	kW				
Crankcase heater mode	PCK	0.000	kW				
Other items							
Capacity control	Variable			For air-to-water heat pumps: Rated air flow rate, outdoors	-	2800	m³/h
Sound power level, indoors/outdoors	LWA	-	dB	For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h
Annual energy consumption	QHE	2853	kWh				
For heat pump combination heater							
Declared 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						
(*) 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							

## Product Fiche

Technical parameters							
Model(s):		Outdoor unit: ACHP-H06/4R3HA-0					
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		Average					
Declared temperature application		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 indoor temperature 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	5.57	kW	Tj = -7°C	COPd	2.20	-
Tj = +2°C	Pdh	3.39	kW	Tj = +2°C	COPd	3.42	-
Tj = +7°C	Pdh	2.18	kW	Tj = +7°C	COPd	4.36	-
Tj = +12°C	Pdh	0.97	kW	Tj = +12°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 than active mode				Supplementary heater			
Off mode	P OFF	0.020	kW	Rated heat output (*)	Psup	2.27	kW
Thermostat-off mode	P <sup>TO</sup>	0.030	kW	Type of energy input	Electricity		
Standby mode	P <sup>SB</sup>	0.020	kW				
Crankcase heater mode	PcK	0.000	kW				
Other items							
Capacity control	Variable			For air-to-water heat pumps: Rated air flow rate, outdoors	-	2800	m <sup>3</sup> /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 exchanger	-	-	m <sup>3</sup> /h
Annual energy consumption	QHE	3812	kWh				
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., 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							

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Technical parameters							
Model(s):				Outdoor unit: 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			
Equipped with a supplementary heater:				no			
Heat pump combination heater:				no			
Declared climate condition				Colder			
Declared temperature application				Low			
Item	Symbol	Value	Unit	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 indoor temperature 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	3.42	kW	Tj = -7°C	COPd	3.59	-
Tj = +2°C	Pdh	2.06	kW	Tj = +2°C	COPd	5.21	-
Tj = +7°C	Pdh	1.46	kW	Tj = +7°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	COPeyc	-	-
Degradation co-efficient(**)	Cdh	0.9	-	Heating water operating limit temperature	WTOL	52	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	POFF	0.020	kW	Rated heat output (*)	Psup	2.12	kW
Thermostat-off mode	P TQ	0.030	kW	Type of energy input	Electricity		
Standby mode	PSB	0.020	kW				
Crankcase heater mode	PcK	0.000	kW				
Other items							
Capacity control	Variable			For air-to-water heat pumps: Rated air flow rate, outdoors	-	2800	m³/h
Sound power level, indoors/outdoors	LWA	-	dB	For water-/brine-to-water heat pumps:Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h
Annual energy consumption	QHE	3314	kWh				
For heat pump combination heater							
Declared 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							

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Model(s):		Outdoor unit: ACHP-H06/4R3HA-O					
Air-to-water heat pump:		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		Colder					
Declared temperature application		Medium					
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 load at indoor temperature 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	2.69	kW	Tj = -7°C	COPd	2.46	-
Tj = +2°C	Pdh	1.60	kW	Tj = +2°C	COPd	3.36	-
Tj = +7°C	Pdh	1.02	kW	Tj = +7°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	Ppsych	-	kW	Cycling interval efficiency	COPpsych	-	-
Degradation co-efficient(**)	Cdh	0.9	-	Heating water operating limit temperature	WTOL	52	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P OFF	0.020	kW	Rated heat output (*)	Psup	2.2	kW
Thermostat-off mode	P TO	0.030	kW	Type of energy input	Electricity		
Standby mode	P SB	0.020	kW				
Crankcase heater mode	PcK	0.000	kW				
Other items							
Capacity control	Variable			For air-to-water heat pumps: Rated air flow rate, outdoors	-	2800	m³/h
Sound power level, indoors/outdoors	LWA	-	dB	For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	-	-	m³/h
Annual energy consumption	QHE	3760	kWh				
For heat pump combination heater							
Declared 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						
<p>(*) 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).</p> <p>(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0.9</p>							