

Product fiche concerning the
COMMISSION DELEGATED REGULATIONS
 (EU)No 811/2013 of 18 February 2013
 (EU)No 813/2013 of 2 August 2013

Models: Outdoor Unit: ECON H8A
 Indoor Unit: None

Air-to-water heat pump Yes

Brine-to-water heat pump No

Low temperature heat pump No

Equipped with a supplementary heater Yes

Heat Pump Combination Heater No

Parameters shall be declared for Medium-temperature applications

Parameters shall be declared for Warmer Climate Conditions

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated Heat Output	Prated	10.2	kW	Seasonal space heating energy efficiency	η_s	122.3	%
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 = -10°C	Pdh	6.248	kW	Tj = -10°C	COPd	1.68	
Tj = -7°C	Pdh	6.992	kW	Tj = -7°C	COPd	1.93	
Tj = +2°C	Pdh	4.439	kW	Tj = +2°C	COPd	2.84	
Tj = +7°C	Pdh	3.662	kW	Tj = +7°C	COPd	4.51	
Tj = +12°C	Pdh	4.476	kW	Tj = +12°C	COPd	7.09	
Tj = bivalent temperature	Pdh	6.992	kW	Tj = bivalent temperature	COPd	1.93	
Tj = operation limit temperature	Pdh	6.248	kW	Tj = operation limit temperature	COPd	1.68	
Bivalent temperature	Tbiv	-7	°C	Operation limit temperature	TOL	-10	°C
				Heating water operating limit temperature	WTOL	55	°C
Power consumption in modes other than active mode				Supplementary Heater			

Off Mode	P _{OFF}	0.013	kW	Rate heat output	P _{sup}	3.00	kW
Thermostat-off mode	P _{TO}	0.00	kW				
Standby mode	P _{SB}	0.013	kW	Type of energy input	Electrical heater		
Crankcase heater mode	P _{CK}	0.00	kW				
Other items							
Capacity control	Variable			Rated airflow rate, outdoors	-		m³/h
Sound power level indoors/outdoors	L _{WA}	68	dBA				
Annual Energy consumption	Q _{HE}	2066	kWh				
For heat pump combination heater				Water heating energy efficiency	η _{wh}	-	%
Declared load profile	-	-	-				
Daily electricity consumption	Q _{elec}	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

Contact Details:

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For and on behalf of
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