

# Airwell

■ *Just feel well*

## HDDE 018 [ **ECODESIGN** ]

### High wall mono / DC Inverter

2014 [ **EC COMPLY** ]



- High wall line available in capacity 5.3 kW.
- DC Inverter and sine wave compressor drive technology.
- Photo catalytic antibacterial prefilter.
- -15°C operating in heating mode.
- Cooling & heating operation mode.
- "I feel" function with precise room temperature control.



#### PRODUCT ADVANTAGES

- > A/A Class Efficiency. Minimum energy consumption.
- > Automatic self clean and internal system drying.
- > Self diagnostic by digital failure code indication.



RC08A

[ **EC COMPLY** ] Comply with ECO Design regulation

# Airwell Residential

## [ INFORMATION REQUIREMENTS ]

AWAU-YDDE018-H11 / AWSI-HDDE018-N11							
<b>Function (indicate if present)</b>				<b>If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.</b>			
Cooling	Y			Average (mandatory)	Y		
Heating	Y			Warmer (if designated)	N		
				Colder (if designated)	N		
Item	symbol	value	unit	Item	symbol	value	unit
<b>Design load</b>				<b>Seasonal efficiency</b>			
Cooling	Pdesignc	5.3	kW	Cooling	SEER	5.40	-
Heating/Average	Pdesignh	4.8	kW	Heating/Average	SCOP(A)	3.80	-
Heating/Warmer	Pdesignh	-	kW	Heating/Warmer	SCOP(W)	-	-
Heating/Colder	Pdesignh	-	kW	Heating/Colder	SCOP(C)	-	-
Declared capacity (*) for cooling, at indoor temperature 27(19) °C and outdoor temperature Tj				Declared energy efficiency ratio (*), at indoor temperature 27(19) °C and outdoor temperature Tj			
Tj = 35 °C	Pdc	5.1	kW	Tj = 35 °C	EERd	3.1	-
Tj = 30 °C	Pdc	3.8	kW	Tj = 30 °C	EERd	4.7	-
Tj = 25 °C	Pdc	2.6	kW	Tj = 25 °C	EERd	6.2	-
Tj = 20 °C	Pdc	1.9	kW	Tj = 20 °C	EERd	8.6	-
Declared capacity (*) for heating/Average season, at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance (*)/Average season, at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	4.5	kW	Tj = - 7 °C	COPd	2.5	-
Tj = 2 °C	Pdh	2.7	kW	Tj = 2 °C	COPd	3.7	-
Tj = 7 °C	Pdh	1.8	kW	Tj = 7 °C	COPd	4.8	-
Tj = 12 °C	Pdh	1.5	kW	Tj = 12 °C	COPd	5.5	-
Tj = bivalent temperature	Pdh	5.0	kW	Tj = bivalent temperature	COPd	2.4	-
Tj = operating limit	Pdh	4.0	kW	Tj = operating limit	COPd	2.2	-
Declared capacity (*) for heating/Warmer season, at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance (*)/Warmer season, at indoor temperature 20 °C and outdoor temperature Tj			
Tj = 2 °C	Pdh	-	kW	Tj = 2 °C	COPd	-	-
Tj = 7 °C	Pdh	-	kW	Tj = 7 °C	COPd	-	-
Tj = 12 °C	Pdh	-	kW	Tj = 12 °C	COPd	-	-
Tj = bivalent temperature	Pdh	-	kW	Tj = bivalent temperature	COPd	-	-
Tj = operating limit	Pdh	-	kW	Tj = operating limit	COPd	-	-
Declared capacity (*) for heating/Colder season, at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance (*)/Colder season, at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Tj = 2 °C	Pdh	-	kW	Tj = 2 °C	COPd	-	-
Tj = 7 °C	Pdh	-	kW	Tj = 7 °C	COPd	-	-
Tj = 12 °C	Pdh	-	kW	Tj = 12 °C	COPd	-	-
Tj = bivalent temperature	Pdh	-	kW	Tj = bivalent temperature	COPd	-	-
Tj = operating limit	Pdh	-	kW	Tj = operating limit	COPd	-	-
Tj = - 15 °C	Pdh	-	kW	Tj = - 15 °C	COPd	-	-
<b>Bivalent temperature</b>				<b>Operating limit temperature</b>			
Heating/Average	Tbiv	-7	°C	Heating/Average	Tol	-10	°C
Heating/Warmer	Tbiv	-	°C	Heating/Warmer	Tol	-	°C
Heating/Colder	Tbiv	-	°C	Heating/Colder	Tol	-	°C
<b>Power consumption of cycling</b>				<b>Efficiency of cycling</b>			
Cooling	Pcycc	-	kW	Cooling	EERcyc	-	-
Heating	Pcyhc	-	kW	Heating	COPcyc	-	-
Degradation co-efficient cooling (**)	Cdc	-	-	Degradation co-efficient heating (**)	Cdh	-	-
<b>Electric power input in power modes other than 'active mode'</b>				<b>Seasonal electricity consumption</b>			
Off mode	POFF	-	kW	Cooling	Q <sub>CE</sub>	345	kWh/a
Standby mode	PSB	0.001	kW	Heating/Average	Q <sub>HE</sub>	1768	kWh/a
Thermostat-off mode	PTO	0.060/0.013	kW	Heating/Warmer	Q <sub>HE</sub>	/	kWh/a
Crankcase heater mode	PCK	-	kW	Heating/Colder	Q <sub>HE</sub>	/	kWh/a
<b>Capacity control (indicate one of three options)</b>				<b>Other items</b>			
Fixed	N			Sound power level (indoor/outdoor)	LWA	60/65	dB(A)
Staged	N			Global warming potential	GWP	1975	kgCO <sub>2</sub> eq.
Variable	Y			Rated air flow (indoor/outdoor)	-	800/3200	m <sup>3</sup> /h
Contact details for obtaining more information	Airwell Residential S.A.S. - 1bis, avenue du 8 mai 1945 - 78200 GUYANCOURT France Tél. +33 (0) 1 39 44 78 00 - airwell-residential@a-res.fr						

(\*) For staged capacity units, two values divided by a slash (/) will be declared in each box in the section 'Declared capacity of the unit' and 'declared EER/COP' of the unit.  
(\*\*) If default Cd = 0,25 is chosen then (results from) cycling tests are not required. Otherwise either the heating or cooling cycling test value is required.