Airwell

Just feel well

HJD 012 [ECODESIGN]

High wall mono & premium multi / DC Inverter

2014 [EC COMPLY] Unique solutions : FLEXY MATCH · STERIONIZER · ADVANCED CONTROL OPTIONS

- High wall line available in capacitie 3.5 kW.
- Glossy designed unit.
- Wireless remote control included with option of wired control.
- DC Inverter and sine wave compressor drive technolgy.
- -15°C operating in heating.
- Cooling & heating operation mode.
- “I feel” function with precise room temperature control.
- Heating mode only as an option.

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

PRODUCT ADVANTAGES

> Multi layer air purification combine anti virus by sterionizer system and electrostatic filter for small particules 0.01 µ. that provides exceptional air quality.
> Motorized air control in 4 directions right to left and up to down.
> Possibility to connect to alarm output unit ON/OFF output human presence detector and group control.
> Heating only mode force option.

RC08W

[EC COMPLY] Comply with ECO Design regulation

Airwell Residential

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[INFORMATION REQUIREMENTS]

AWAU-YBDE012-H11 / AWSI-HJD012-N11							
Function (indicate if present)				**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'.**			
Cooling		Y		Average (mandatory)		Y	
Heating		Y		Warmer (if designated)		N	
				Colder (if designated)		N	
Item	**symbol**	**value**	**unit**	**Item**	**symbol**	**value**	**unit**
Design load				**Seasonal efficiency**			
Cooling	Pdesignc	3.5	kW	Cooling	SEER	5.61	-
Heating/Average	Pdesignh	3.5	kW	Heating/Average	SCOP(A)	4.00	-
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	3.4	kW	Tj = 35 °C	EERd	3.4	-
Tj = 30 °C	Pdc	2.6	kW	Tj = 30 °C	EERd	5.0	-
Tj = 25 °C	Pdc	1.6	kW	Tj = 25 °C	EERd	7.0	-
Tj = 20 °C	Pdc	1.6	kW	Tj = 20 °C	EERd	7.5	-
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	3.0	kW	Tj = – 7 °C	COPd	2.6	-
Tj = 2 °C	Pdh	2.0	kW	Tj = 2 °C	COPd	3.7	-
Tj = 7 °C	Pdh	1.3	kW	Tj = 7 °C	COPd	5.1	-
Tj = 12 °C	Pdh	1.6	kW	Tj = 12 °C	COPd	6.2	-
Tj = bivalent temperature	Pdh	3.0	kW	Tj = bivalent temperature	COPd	2.6	-
Tj = operating limit	Pdh	2.2	kW	Tj = operating limit	COPd	2.1	-
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	-	-
Bivalent temperature				**Operating limit temperature**			
Heating/Average	Tbiv	-7	°C	Heating/Average	Tol	-15	°C
Heating/Warmer	Tbiv	-	°C	Heating/Warmer	Tol	-	°C
Heating/Colder	Tbiv	-	°C	Heating/Colder	Tol	-	°C
Power consumption of cycling				**Efficiency of cycling**			
Cooling	Pcycc	-	kW	Cooling	EERcyc	-	-
Heating	Pcych	-	kW	Heating	COPcyc	-	-
Degradation co-efficient cooling (**)	Cdc	-	-	Degradation co-efficient heating (**)	Cdh	-	-
Electric power input in power modes other than 'active mode'				**Seasonal electricity consumption**			
Off mode	POFF	-	kW	Cooling	Q_{CE}	218	kWh/a
Standby mode	PSB	0.010	kW	Heating/Average	Q_{HE}	1225	kWh/a
Thermostat-off mode	PTO	0.010	kW	Heating/Warmer	Q_{HE}	/	kWh/a
Crankcase heater mode	PCK	-	kW	Heating/Colder	Q_{HE}	/	kWh/a
Capacity control (indicate one of three options)				**Other items**			
Fixed		N		Sound power level (indoor/outdoor)	LWA	52/62	dB(A)
Staged		N		Global warming potential	GWP	1975	$kgCO_2$ eq.
Variable		Y		Rated air flow (indoor/outdoor)	-	550/1780	m^3/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.