

Airwell

■ Just feel well

CNE 018 [ECODESIGN]

Cassette 600x600
mono & premium
multi / DC Inverter



2014 [EC COMPLY]

Unique solutions



- Cassette line available in capacity 5 kW.
- Cooling & heating operation mode.
- DC Inverter and sine wave compressor drive technology.
- "I feel" function with precise room temperature control.



PRODUCT ADVANTAGES

- > Temperature control adjustment according to installation height.
- > Available with two sizes of panels 600x600 mm or 725x725 mm.
- > Possibility to connect to alarm output, unit ON/OFF output, human presence detector and group control.
- > Fresh air supplied.
- > Heating only mode force option.



RC08W

[EC COMPLY] Comply with ECO Design regulation

Airwell
Residential

[INFORMATION REQUIREMENTS]

AWAU-YBDE018-H11 / AWSI-CNE018-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	5.0	kW	Cooling	SEER	5.10	-
Heating/Average	Pdesignh	4.6	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	5.0	kW	Tj = 35 °C	EERd	3.4	-
Tj = 30 °C	Pdc	3.7	kW	Tj = 30 °C	EERd	4.7	-
Tj = 25 °C	Pdc	2.4	kW	Tj = 25 °C	EERd	7.7	-
Tj = 20 °C	Pdc	2.2	kW	Tj = 20 °C	EERd	8.4	-
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	4.1	kW	Tj = -7 °C	COPd	2.4	-
Tj = 2 °C	Pdh	2.5	kW	Tj = 2 °C	COPd	3.5	-
Tj = 7 °C	Pdh	1.7	kW	Tj = 7 °C	COPd	5.0	-
Tj = 12 °C	Pdh	2.0	kW	Tj = 12 °C	COPd	6.0	-
Tj = bivalent temperature	Pdh	4.1	kW	Tj = bivalent temperature	COPd	2.4	-
Tj = operating limit	Pdh	3.5	kW	Tj = operating limit	COPd	2.5	-
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	Pcyhc	-	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}	343	kWh/a
Standby mode	PSB	0.010	kW	Heating/Average	Q _{HE}	1695	kWh/a
Thermostat-off mode	PTO	0.021	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	55/63	dB(A)
Staged		N		Global warming potential	GWP	1975	kgCO ₂ eq.
Variable		Y		Rated air flow (indoor/outdoor)		620/2160	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.