

## INFORMATION SHEET FOR AIR CONDITIONERS, EXCEPT DOUBLE DUCTS AND SINGLE DUCTS<sup>(5)</sup>

As by Comission Communication in the framework of ecodesign requirements for air conditioners and comfort fans (EU Regulation no. 206/2012) and of energy labelling of air conditioners - (EU Regulation no. 626/2011)

Function to which information app	olies			If information applies to heating: he	ating season to	which informatio	n relates.
Cooling Heating		Y Y		Heating (Average)(-10°C) Heating (Warmer)(+2°C)			Y
						Ν	
				Heating (Colder)(-22°C)			N
ltem	symbol	value	unit	ltem	symbol	value	unit
Design load	Symbol	Value	unit	Seasonal efficiency	Symbol	Value	unit
Cooling	Pdesignc	4.1	kW	Cooling	SEER	6.1	
Heating (Average)(-10°C)	Pdesignh	3.8	kW	Heating (Average)(-10°C)	SCOP (A)	4.0	
Heating (Warmer)(+2°C)	Pdesignh	na	kW	Heating (Warmer)(+2°C)	SCOP (W)	na	-
leating (Colder)(-22°C)	Pdesignh	na	kW	Heating (Colder)(-22°C)	SCOP (C)	na	-
Declared capacity (*) for cooling, a emperature Tj	t indoor temperat	ture 27(19)°C and outdo	oor	Declared Energy efficiency ratio (*) outdoor temperature Tj	for cooling, at in	door temperature	e 27(19)°C an
j = 35°C	Pdc	4,26	kW	Tj = 35°C	EERd	4,12	-
Гј = 30°С Гј = 25°С	Pdc Pdc	3,12 1,93	kW kW	Tj = 30°C Tj = 25°C	EERd EERd	5,52 8,16	-
j = 25 C	Pdc	1,93	kW	Tj = 20°C	EERd	11,33	-
Declared capacity (*) for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj				Declared Coefficient of Performance (*) for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj			
īj = -7°C	Pdh	3,39	kW	Tj = -7°C	COPd	3,02	-
[j = 2°C	Pdh	2,09	kW	$Tj = 2^{\circ}C$	COPd	4,11	-
rj = 7°C rj = 12°C	Pdh	1,33	kW	Tj = 7°C	COPd	4,56	-
j = 12°C	Pdh Pdh	1,36 3,39	kW kW	Tj = 12°C Tj = bivalent temperature	COPd COPd	6,15 3,02	
j = operating limit temperature	Pdh	2,60	kW	Tj = operating limit temperature	COPd	3,02	-
Declared capacity (*) for heating / * utdoor temperature Tj	Warmer season,	at indoor temperature 2	20°C and	Declared Coefficient of Performance (*) for heating / Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
i = 2°C	Pdh	na	kW	Ti = 2°C	COPd	na	-
j = 7°C	Pdh	na	kW	Ti = 7°C	COPd	na	-
*	Pdh	na	kW	Tj = 12°C	COPd	na	-
] = bivalent temperature ] = operating limit temperature Declared capacity (*) for heating /	Pdh Pdh	na na	kW kW	Tj = 12°C         Tj = bivalent temperature         Tj = operating limit temperature         Declared Coefficient of Performance         temperature 20°C and outdoor temperature	COPd COPd e (*) for heating /	na na	-
j = bivalent temperature j = operating limit temperature Declared capacity (*) for heating / utdoor temperature Tj j = -7°C	Pdh Pdh Colder season, a	na na t indoor temperature 20 na	kW kW D°C and kW	Tj = bivalent temperature         Tj = operating limit temperature         Declared Coefficient of Performanc         temperature 20°C and outdoor temp         Tj = -7°C	COPd COPd e (*) for heating / perature Tj COPd	na na Colder season, a na	- - at indoor -
j = bivalent temperature j = operating limit temperature Declared capacity (*) for heating / outdoor temperature Tj j = -7°C j = 2°C	Pdh Pdh Colder season, a Pdh Pdh	na na t indoor temperature 20 na na	kW kW 0°C and kW kW	Tj = bivalent temperature         Tj = operating limit temperature         Declared Coefficient of Performance         temperature 20°C and outdoor temp         Tj = -7°C         Tj = 2°C	COPd COPd e (*) for heating / perature Tj COPd COPd	na na Colder season, a na na	- - at indoor
] = bivalent temperature j = operating limit temperature Declared capacity (*) for heating / · butdoor temperature Tj j = -7°C j = 2°C j = 7°C	Pdh Pdh Colder season, a	na na t indoor temperature 20 na	kW kW D°C and kW	Tj = bivalent temperature         Tj = operating limit temperature         Declared Coefficient of Performanc         temperature 20°C and outdoor temp         Tj = -7°C	COPd COPd e (*) for heating / perature Tj COPd	na na Colder season, a na	- - at indoor - -
j = bivalent temperature j = operating limit temperature eclared capacity (*) for heating / utdoor temperature Tj j = -7°C j = 2°C j = 7°C j = 12°C j = bivalent temperature	Pdh Pdh Colder season, a Pdh Pdh Pdh	na na t indoor temperature 20 na na na	kW kW D°C and kW kW kW	Tj = bivalent temperature         Tj = operating limit temperature         Declared Coefficient of Performance         temperature 20°C and outdoor temperature         Tj = -7°C         Tj = 2°C         Tj = 7°C	COPd COPd e (*) for heating / perature Tj COPd COPd COPd	na na Colder season, i na na na	- - at indoor - - -
j = bivalent temperature j = operating limit temperature Declared capacity (*) for heating / butdoor temperature Tj j = -7°C j = 2°C j = 7°C j = 12°C j = bivalent temperature j = operating limit temperature	Pdh Pdh Colder season, a Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh	na na t indoor temperature 20 na na na na na na na na na	kW kW D°C and kW kW kW kW kW kW kW	Tj = bivalent temperature         Tj = operating limit temperature         Declared Coefficient of Performanc         temperature 20°C and outdoor temp         Tj = -7°C         Tj = 2°C         Tj = 12°C         Tj = 12°C         Tj = operating limit temperature         Tj = operating limit temperature	COPd COPd e (*) for heating / berature Tj COPd COPd COPd COPd COPd COPd COPd	na na Colder season, i na na na na na na na na	- - at indoor - - - - -
j = bivalent temperature j = operating limit temperature Declared capacity (*) for heating / butdoor temperature Tj j = -7°C j = 2°C j = 7°C j = 12°C j = bivalent temperature j = operating limit temperature	Pdh Pdh Colder season, a Pdh Pdh Pdh Pdh Pdh Pdh	na na t indoor temperature 20 na na na na na na na	kW kW D°C and kW kW kW kW kW	Tj = bivalent temperature         Tj = operating limit temperature         Declared Coefficient of Performanc         temperature 20°C and outdoor temp         Tj = $-7^{\circ}C$ Tj = $2^{\circ}C$ Tj = $12^{\circ}C$ Tj = $12^{\circ}C$ Tj = bivalent temperature	COPd COPd e (*) for heating / berature Tj COPd COPd COPd COPd COPd COPd	na na Colder season, r na na na na na na	- - at indoor - - - - - - -
i = bivalent temperature         i = operating limit temperature         Declared capacity (*) for heating /         Dutdoor temperature Tj         i = -7°C         i = 2°C         i = 7°C         i = 12°C         i = operating limit temperature         j = operating limit temperature         i = -15°C         Bivalent temperature	Pdh Pdh Colder season, a Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh	na na t indoor temperature 20 na na na na na na na na na na na na	kW kW D°C and KW kW kW kW kW kW kW kW kW	Tj = bivalent temperature         Tj = operating limit temperature         Declared Coefficient of Performanc         temperature 20°C and outdoor temp         Tj = -7°C         Tj = 2°C         Tj = 12°C         Tj = bivalent temperature         Tj = operating limit temperature         Tj = operating limit temperature         Tj =-15°C         Operating limit temperature	COPd COPd e (*) for heating / berature Tj COPd COPd COPd COPd COPd COPd COPd COPd	na na Colder season, i na na na na na na na na na na na	- - at indoor - - - - - - - - - - - - - - - - - -
] = bivalent temperature         ] = operating limit temperature         Declared capacity (*) for heating /         Dutdoor temperature Tj         [] = -7°C         [] = 2°C         [] = 12°C         [] = bivalent temperature         [] = operating limit temperature         [] = operating limit temperature         [] = -15°C         Bivalent temperature         Heating (Average)	Pdh Pdh Colder season, a Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Tbiv	na na t indoor temperature 20 na na na na na na na na - na - na - -7	kW kW D°C and KW kW kW kW kW kW kW kW kW kW	Tj = bivalent temperature         Tj = operating limit temperature         Declared Coefficient of Performanc         temperature 20°C and outdoor temp         Tj = -7°C         Tj = 2°C         Tj = 5°C         Tj = bivalent temperature         Tj = bivalent temperature         Tj = operating limit temperature         Tj = -15°C         Operating limit temperature         Heating (Average)	COPd COPd e (*) for heating / berature Tj COPd COPd COPd COPd COPd COPd COPd COPd	na na Colder season, i na na na na na na na -na -na -na -na -n	- - at indoor - - - - - - - - - - - - - - - - - -
i = bivalent temperature         j = operating limit temperature         Declared capacity (*) for heating / butdoor temperature Tj         i = -7°C         j = 7°C         j = 7°C         j = 7°C         j = 12°C         j = 15°C         j = operating limit temperature         j = operating limit temperature         j = -15°C         Bivalent temperature         deating (Average)         deating (Warmer)	Pdh Pdh Colder season, a Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh	na na t indoor temperature 20 na na na na na na na na -7 na	kW kW D°C and KW kW kW kW kW kW kW kW kW c C	Tj = bivalent temperature         Tj = operating limit temperature         Declared Coefficient of Performanc         temperature 20°C and outdoor temp         Tj = -7°C         Tj = 2°C         Tj = 12°C         Tj = operating limit temperature         Tj = operating limit temperature         Tj = -15°C         Operating limit temperature         Heating (Average)         Heating (Warmer)	COPd COPd e (*) for heating / berature Tj COPd COPd COPd COPd COPd COPd COPd COPd	na na Colder season, i na na na na na na na -na -na -na -na -n	- - at indoor - - - - - - - - - - - - - - - - - -
j = bivalent temperature         j = operating limit temperature         Declared capacity (*) for heating / butdoor temperature Tj         j = -7°C         j = -7°C         j = 7°C         j = 7°C         j = 12°C         j = bivalent temperature         j = operating limit temperature         j = operating limit temperature         j = -15°C         Bivalent temperature         Heating (Average)         Heating (Colder)	Pdh Pdh Colder season, a Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Tbiv	na na t indoor temperature 20 na na na na na na na na - na - na - -7	kW kW D°C and KW kW kW kW kW kW kW kW kW kW	Tj = bivalent temperature         Tj = operating limit temperature         Declared Coefficient of Performanc         temperature 20°C and outdoor temp         Tj = -7°C         Tj = 2°C         Tj = 5°C         Tj = bivalent temperature         Tj = bivalent temperature         Tj = operating limit temperature         Tj = -15°C         Operating limit temperature         Heating (Average)	COPd COPd e (*) for heating / berature Tj COPd COPd COPd COPd COPd COPd COPd COPd	na na Colder season, i na na na na na na na -na -na -na -na -n	- - at indoor - - - - - - - - - - - - - - - - - -
i = bivalent temperature         j = operating limit temperature         Declared capacity (*) for heating /         butdoor temperature Tj         i = -7°C         j = 2°C         j = 7°C         i = 12°C         j = bivalent temperature         j = operating limit temperature         j = operating limit temperature         j = -15°C         Bivalent temperature         Heating (Average)         Heating (Warmer)         Heating (Colder)         Power consumption of cycling	Pdh Pdh Colder season, a Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Tbiv Tbiv Tbiv	na na t indoor temperature 20 na na na na na na na na na na na na na	kW           kW           D°C and           kW           c           °C           °C           °C           °C	Tj = bivalent temperature         Tj = operating limit temperature         Declared Coefficient of Performanc         temperature 20°C and outdoor temp         Tj = -7°C         Tj = 2°C         Tj = 12°C         Tj = bivalent temperature         Tj = operating limit temperature         Tj = operating limit temperature         Tj = -15°C         Operating limit temperature         Heating (Average)         Heating (Colder)         Efficiency of cycling	COPd COPd e (*) for heating / berature Tj COPd COPd COPd COPd COPd COPd COPd COPd	na na Colder season, i na na na na na na na -10 na na na na	- - at indoor - - - - - - - - - - - - - - - - - -
j = bivalent temperature         j = operating limit temperature         Declared capacity (*) for heating /         Dutdoor temperature Tj         j = -7°C         j = 2°C         j = 7°C         j = 12°C         j = bivalent temperature         j = operating limit temperature         j = operating limit temperature         j = -15°C         Bivalent temperature         Heating (Average)         Heating (Warmer)         Heating (Colder)         Power consumption of cycling         Cooling	Pdh Pdh Colder season, a Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Tbiv Tbiv Tbiv	na na t indoor temperature 20 na na na na na na na na -7 na	kW kW D°C and KW kW kW kW kW kW kW kW kW c C	Tj = bivalent temperature         Tj = operating limit temperature         Declared Coefficient of Performanc         temperature 20°C and outdoor temp         Tj = -7°C         Tj = 2°C         Tj = 7°C         Tj = bivalent temperature         Tj = bivalent temperature         Tj = operating limit temperature         Tj = -15°C         Operating limit temperature         Heating (Average)         Heating (Colder)         Efficiency of cycling         Cooling	COPd COPd e (*) for heating / berature Tj COPd COPd COPd COPd COPd COPd COPd COPd	na na Colder season, i na na na na na na na -na -na -na -na -n	- - at indoor - - - - - - - - - - - - - - - - - -
j = bivalent temperature         j = operating limit temperature         Declared capacity (*) for heating /         butdoor temperature Tj         j = -7°C         j = 2°C         j = 12°C         j = bivalent temperature         j = operating limit temperature         j = operating limit temperature         j = -15°C         Bivalent temperature         deating (Average)         deating (Colder)         Power consumption of cycling         Cooling         deating	Pdh Pdh Colder season, a Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Tbiv Tbiv Tbiv	na na tindoor temperature 20 na na na na na na na na na na na na na	kW kW D°C and KW kW kW kW kW kW kW kW kW kW kW	Tj = bivalent temperature         Tj = operating limit temperature         Declared Coefficient of Performanc         temperature 20°C and outdoor temp         Tj = -7°C         Tj = 2°C         Tj = 12°C         Tj = bivalent temperature         Tj = operating limit temperature         Tj = operating limit temperature         Tj = -15°C         Operating limit temperature         Heating (Average)         Heating (Colder)         Efficiency of cycling	COPd COPd e (*) for heating / berature Tj COPd COPd COPd COPd COPd COPd COPd COPd	na na Colder season, i na na na na na na na na na na na na na	- - at indoor - - - - - - - - - - - - - - - - - -
i = bivalent temperature         j = operating limit temperature         Declared capacity (*) for heating / for h	Pdh Pdh Colder season, a Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Tbiv Tbiv Tbiv Tbiv Tbiv Cbiv Cdc	na na na t indoor temperature 20 na na na na na na na na na na na na na	kW kW b°C and kW kW kW kW kW kW kW kW kW kW kW kW kW	Tj = bivalent temperature         Tj = operating limit temperature         Declared Coefficient of Performanc         temperature 20°C and outdoor temp         Tj = $-7^{\circ}$ C         Tj = $2^{\circ}$ C         Tj = $12^{\circ}$ C         Tj = bivalent temperature         Tj = operating limit temperature         Tj = $-15^{\circ}$ C         Operating limit temperature         Heating (Average)         Heating (Colder)         Efficiency of cycling         Cooling         Heating	COPd COPd e (*) for heating / berature Tj COPd COPd COPd COPd COPd COPd COPd COPd	na na Colder season, i na na na na na na na na na na na na na	- - - at indoor - - - - - - - - - - - - - - - - - -
j = bivalent temperature j = operating limit temperature Peclared capacity (*) for heating / utdoor temperature Tj j = -7°C j = 2°C j = 7°C j = f2°C j = bivalent temperature j = operating limit temperature j = operating limit temperature j =-15°C Bivalent temperature leating (Average) leating (Varmer) leating (Colder) Power consumption of cycling Cooling leating begradation coefficient cooling(**) Electric power input in power mode	Pdh Pdh Colder season, a Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Tbiv Tbiv Tbiv Tbiv Cbic Pcycc Pcych Cdc	na na na t indoor temperature 20 na na na na na na na na na na na na na	kW kW b°C and kW kW kW kW kW kW kW kW kW kW kW kW kW	Tj       = bivalent temperature         Tj       = operating limit temperature         Declared Coefficient of Performanc         temperature 20°C and outdoor temp         Tj       = 7°C         Tj       = 2°C         Tj       = 12°C         Tj       = bivalent temperature         Tj       = bivalent temperature         Tj       = operating limit temperature         Tj       = operating limit temperature         Tj       = operating limit temperature         Heating (Average)       Heating (Warmer)         Heating (Colder)       Efficiency of cycling         Cooling       Heating         Degradation coefficient heating(**)	COPd COPd e (*) for heating / berature Tj COPd COPd COPd COPd COPd COPd COPd COPd	na na Colder season, i na na na na na na na na na na na na na	- - - at indoor - - - - - - - - - - - - - - - - - -
i = bivalent temperature         j = operating limit temperature         Declared capacity (*) for heating / butdoor temperature Tj         i = -7°C         j = -7°C         j = 7°C         j = 7°C         j = 12°C         j = bivalent temperature         j = operating limit temperature         j = operating limit temperature         j = -15°C         Bivalent temperature         teating (Average)         teating (Warmer)         teating (Colder)         Power consumption of cycling         Cooling         teating         Degradation coefficient cooling(**)         Electric power input in power mod         Off mode	Pdh Pdh Colder season, a Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Tbiv Tbiv Tbiv Tbiv Tbiv Cbiv Cdc	na na tindoor temperature 20 na na na na na na na na na na na na na	kW kW D°C and KW kW kW kW kW kW kW kW kW kW kW kW -	Tj       = bivalent temperature         Tj       = operating limit temperature         Declared Coefficient of Performanc         temperature 20°C and outdoor temp         Tj       = -7°C         Tj       = 2°C         Tj       = 12°C         Tj       = bivalent temperature         Tj       = bivalent temperature         Tj       = operating limit temperature         Tj       = operating limit temperature         Tj       = -15°C         Operating limit temperature         Heating (Average)         Heating (Colder)         Efficiency of cycling         Cooling         Heating         Degradation coefficient heating(**)         Seasonal electricity consumption	COPd COPd e (*) for heating / berature Tj COPd COPd COPd COPd COPd COPd COPd COPd	na na Colder season, i na na na na na na na na na na na na na	- - - - - - - - - - - - - - - - - - -
j = bivalent temperature j = operating limit temperature Declared capacity (*) for heating / outdoor temperature Tj j = -7°C j = 2°C j = 7°C j = 12°C j = bivalent temperature j = operating limit temperature j = operating limit temperature deating (Average) teating (Varmer) teating (Colder) Power consumption of cycling Cooling teating Degradation coefficient cooling(**) Electric power input in power mod Off mode Standby mode	Pdh Pdh Colder season, a Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Tbiv Tbiv Tbiv Tbiv Tbiv Cbic Pcycc Pcych Cdc	na         na	kW kW D°C and KW kW kW kW kW kW kW kW kW kW kW kW kW kW	Tj = bivalent temperature         Tj = operating limit temperature         Declared Coefficient of Performanc         temperature 20°C and outdoor temp         Tj = -7°C         Tj = 2°C         Tj = 12°C         Tj = operating limit temperature         Tj = operating limit temperature         Tj = operating limit temperature         Tj = -15°C         Operating limit temperature         Heating (Average)         Heating (Colder)         Efficiency of cycling         Cooling         Heating         Degradation coefficient heating(**)         Seasonal electricity consumption         Cooling	COPd COPd e (*) for heating / berature Tj COPd COPd COPd COPd COPd COPd COPd COPd	na na Colder season, i na na na na na na na na na na na na na	- - - at indoor - - - - - - - - - - - - - - - - - -
j = bivalent temperature j = operating limit temperature Declared capacity (*) for heating / outdoor temperature Tj j = -7°C j = 2°C j = 7°C j = 12°C j = bivalent temperature j = operating limit temperature j = operating limit temperature j = -15°C Bivalent temperature teating (Average) teating (Varmer) teating (Colder) Power consumption of cycling Cooling teating Degradation coefficient cooling(**) Electric power input in power mod Dff mode tandby mode 'hermostat-off mode	Pdh Pdh Colder season, a Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh	na         0.25         tive mode"         0,00891         0,00891	kW kW C and KW kW kW kW kW kW kW kW kW kW kW kW kW kW	Tj       = bivalent temperature         Tj       = operating limit temperature         Declared Coefficient of Performanc temperature 20°C and outdoor temp         Tj       = $7^{\circ}$ C         Tj       = $2^{\circ}$ C         Tj       = $2^{\circ}$ C         Tj       = $12^{\circ}$ C         Tj       = bivalent temperature         Tj       = bivalent temperature         Tj       = bivalent temperature         Tj       = operating limit temperature         Tj       = operating limit temperature         Heating (Average)       Heating (Warmer)         Heating (Colder)       Efficiency of cycling         Cooling       Heating         Degradation coefficient heating(**)       Seasonal electricity consumption         Cooling       Heating (Average)(-10°C)	COPd COPd COPd e (*) for heating / berature Tj COPd COPd COPd COPd COPd COPd COPd COPd	na na Colder season, i na na na na na na na na na na na na na	- - - - - - - - - - - - - - - - - - -
i = bivalent temperature         i = operating limit temperature         Declared capacity (*) for heating /         butdoor temperature Tj         i = -7°C         i = 2°C         i = 7°C         i = 12°C         i = operating limit temperature         i = operating limit temperature         i = operating limit temperature         i = -15°C         Bivalent temperature         i = -15°C         Bivalent temperature         deating (Average)         deating (Colder)         Power consumption of cycling         Cooling         deating         Degradation coefficient cooling(**)         Electric power input in power mod         Off mode         Standby mode         Thermostat-off mode         Crankcase heater mode         Capacity control type	Pdh Pdh Colder season, a Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh	na         na	kW kW C and KW kW kW kW kW kW kW kW kW kW kW kW kW kW	Tj = bivalent temperature         Tj = operating limit temperature         Declared Coefficient of Performanc         temperature 20°C and outdoor temp         Tj = $-7^{\circ}$ C         Tj = 2°C         Tj = 12°C         Tj = bivalent temperature         Tj = operating limit temperature         Tj = operating limit temperature         Tj = -15°C         Operating limit temperature         Heating (Average)         Heating (Colder)         Efficiency of cycling         Cooling         Heating         Degradation coefficient heating(**)         Seasonal electricity consumption         Cooling         Heating (Average)(-10°C)         Heating (Colder)(+2°C)         Heating (Colder)(-22°C)	СОРd СОРd СОРd e (*) for heating / perature Tj СОРd С	na na Colder season, i na na na na na na na na na na na na na	- - - - - - - - - - - - - - - - - - -
Tj = 12°C Tj = bivalent temperature Tj = operating limit temperature Declared capacity (*) for heating / butdoor temperature Tj Tj = -7°C Tj = 2°C Tj = 7°C Tj = 12°C Tj = bivalent temperature Tj = operating limit temperature Tj = operating limit temperature Heating (Average) Heating (Warmer) Heating (Colder) Power consumption of cycling Cooling Heating Cooling Heating Cooling Heating Degradation coefficient cooling(**) Electric power input in power mod Off mode Standby mode Thermostat-off mode Crankcase heater mode Capacity control type Fixed Elecard	Pdh Pdh Colder season, a Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh	na         0.25         tive mode"         0,00891         0,00646/0,02155         0         N	kW kW C and KW kW kW kW kW kW kW kW kW kW kW kW kW kW	Tj = bivalent temperature         Tj = operating limit temperature         Declared Coefficient of Performanc         temperature 20°C and outdoor temp         Tj = $-7^{\circ}$ C         Tj = 2°C         Tj = 12°C         Tj = bivalent temperature         Tj = operating limit temperature         Tj = operating limit temperature         Tj = -15°C         Operating limit temperature         Heating (Average)         Heating (Colder)         Efficiency of cycling         Cooling         Heating (Average)(-10°C)         Heating (Warmer)(+2°C)         Heating (Colder)(-22°C)         Other items         Sound power level (indoor/outdoor)	СОРd СОРd СОРd e (*) for heating / perature Tj СОРd С	na           na	- - - - - - - - - - - - - - - - - - -
Tj = bivalent temperature         Tj = operating limit temperature         Declared capacity (*) for heating /         Doutdoor temperature Tj         Tj = -7°C         Tj = 12°C         Tj = 12°C         Tj = operating limit temperature         Tj = 12°C         Tj = operating limit temperature         Tj = operating limit temperature         Tj = 15°C         Bivalent temperature         Heating (Average)         Heating (Colder)         Power consumption of cycling         Cooling         Heating         Degradation coefficient cooling(**)         Electric power input in power mod         Dff mode         Standby mode         Thermostat-off mode         Crankcase heater mode         Capacity control type         Fixed         Staged	Pdh Pdh Colder season, a Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh	na         0.25         tive mode"         0,00891         0,00646/0,02155         0         N	kW kW C and KW kW kW kW kW kW kW kW kW kW kW kW kW kW	Tj = bivalent temperature         Tj = operating limit temperature         Declared Coefficient of Performanc         temperature 20°C and outdoor temp         Tj = $-7^{\circ}$ C         Tj = $2^{\circ}$ C         Tj = $7^{\circ}$ C         Tj = bivalent temperature         Tj = operating limit temperature         Tj = operating limit temperature         Tj = operating limit temperature         Heating (Average)         Heating (Warmer)         Heating (Colder)         Efficiency of cycling         Cooling         Heating (Average)(-10°C)         Heating (Average)(-10°C)         Heating (Colder)(-22°C)         Other items         Sound power level (indoor/outdoor)         Refrigerant type	COPd           COPd           e (*) for heating / perature Tj           COPd           COPcyce           Cdh           Q           Q           Q           Q           Q      Q     <	na           na	
i = bivalent temperature         i = operating limit temperature         Declared capacity (*) for heating / utdoor temperature Tj         i = -7°C         Bivalent temperature         i = -15°C         Bivalent temperature         i = -15°C         Bivalent temperature         i = -15°C         Power consumption of cycling         Cooling         i = -200         Degradation coeffici	Pdh Pdh Colder season, a Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh	na         0.25         tive mode"         0,00891         0,00646/0,02155         0         N	kW kW C and KW kW kW kW kW kW kW kW kW kW kW kW kW kW	Tj = bivalent temperature         Tj = operating limit temperature         Declared Coefficient of Performanc         temperature 20°C and outdoor temp         Tj = $-7^{\circ}$ C         Tj = 2°C         Tj = 12°C         Tj = bivalent temperature         Tj = operating limit temperature         Tj = operating limit temperature         Tj = -15°C         Operating limit temperature         Heating (Average)         Heating (Colder)         Efficiency of cycling         Cooling         Heating (Average)(-10°C)         Heating (Warmer)(+2°C)         Heating (Colder)(-22°C)         Other items         Sound power level (indoor/outdoor)	СОР СОР СОР е (*) for heating / perature Tj СОР СОР СОР СОР СОР СОР СОР СОР	na           na	at indoor

(5) For multisplit appliances, data shall be provided at a Capacity ratio of 1.

(\*\*) 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



# **Product Fiche**

# Model : ECOLIGHT DUAL 14000 UE N / ECOLIGHT 9000 UI (X 2)

Manufacturer : ARGOCLIMA SPA - via Alfeno Varo, 35 - Alfianello (BS) - Italy

Sound power level (indoor unit / outdoor unit): 55 / 64 dB(A);

#### Refrigerant: R32

Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 675. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 675 times higher than 1 kg of CO<sub>2</sub>, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.

Cooling mode SEER: 6.1 Energy efficiency class: A++

## Pdesignc: 4.1 kW

Annual electricity consumption **235 kWh** for year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

Heating mode Climate type: Average SCOP: 4.0 Energy efficiency class: A+ Pdesignh: 3.8 kW Declared capacity: 2.6 kW The back up heating capacity for SCOP calculation: 0.3 kW.

Annual electricity consumption **1330 kWh** per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.