



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

As by Commission 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)

## Appendix I: information according to clause 3 of NO 206/2012 ANNEX I , for air conditioners, except single duct and double duct air conditioners

### MODEL : ADG ECO 70PHB / AEG ECO70PIH

Function (indicate if present)				Only for heating mode, if applicable			
Cooling	Y			Average(mandatory)	Y		
Heating	Y			Warmer(if designed)	N		
				Colder(if designed)	N		
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Design load				Seasonal efficiency			
Cooling	Pdesignc	7.0	kW	Cooling	SEER	6.8	—
Heating/average	Pdesignh	6.4	kW	Heating/average	SCOP/A	4.0	—
Heating/warmer	Pdesignh	x,x	kW	Heating/warmer	SCOP/W	x,x	—
Heating/colder	Pdesignh	x,x	kW	Heating/colder	SCOP/C	x,x	—
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			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Tj=35°C	Pdc	7.21	kW	Tj=35°C	EERd	3.47	—
Tj=30°C	Pdc	5.01	kW	Tj=30°C	EERd	4.96	—
Tj=25°C	Pdc	3.19	kW	Tj=25°C	EERd	8.38	—
Tj=20°C	Pdc	2.54	kW	Tj=20°C	EERd	12.20	—
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	5.66	kW	Tj=-7°C	COPd	2.87	—
Tj=2°C	Pdh	3.50	kW	Tj=2°C	COPd	3.67	—
Tj=7°C	Pdh	2.27	kW	Tj=7°C	COPd	5.58	—
Tj=12°C	Pdh	2.60	kW	Tj=12°C	COPd	6.12	—
Tj=operating limit	Pdh	5.66	kW	Tj=operating limit	COPd	2.87	—
Tj=bivalent temperature	Pdh	6.19	kW	Tj=bivalent temperature	COPd	2.88	—
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	x,x	kW	Tj=2°C	COPd	x,x	—
Tj=7°C	Pdh	x,x	kW	Tj=7°C	COPd	x,x	—

T <sub>j</sub> =12°C	P <sub>dh</sub>	x,x	kW	T <sub>j</sub> =12°C	COP <sub>d</sub>	x,x	—
T <sub>j</sub> =operating limit	P <sub>dh</sub>	x,x	kW	T <sub>j</sub> =operating limit	COP <sub>d</sub>	x,x	—
T <sub>j</sub> =bivalent temperature	P <sub>dh</sub>	x,x	kW	T <sub>j</sub> =bivalent temperature	COP <sub>d</sub>	x,x	—
Declared capacity (*) for heating/Colder season, at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>				Declared coefficient of performance(*)/Colder season, at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> =-7°C	P <sub>dh</sub>	x,x	kW	T <sub>j</sub> =-7°C	COP <sub>d</sub>	x,x	—
T <sub>j</sub> =2°C	P <sub>dh</sub>	x,x	kW	T <sub>j</sub> =2°C	COP <sub>d</sub>	x,x	—
T <sub>j</sub> =7°C	P <sub>dh</sub>	x,x	kW	T <sub>j</sub> =7°C	COP <sub>d</sub>	x,x	—
T <sub>j</sub> =12°C	P <sub>dh</sub>	x,x	kW	T <sub>j</sub> =12°C	COP <sub>d</sub>	x,x	—
T <sub>j</sub> =operating limit	P <sub>dh</sub>	x,x	kW	T <sub>j</sub> =operating limit	COP <sub>d</sub>	x,x	—
T <sub>j</sub> =bivalent temperature	P <sub>dh</sub>	x,x	kW	T <sub>j</sub> =bivalent temperature	COP <sub>d</sub>	x,x	—
T <sub>j</sub> =-15°C	P <sub>dh</sub>	x,x	kW	T <sub>j</sub> =-15°C	COP <sub>d</sub>	x,x	—
Bivalent temperature				Operating limit temperature			
Heating/Average	T <sub>biv</sub>	-7	°C	Heating/Average	T <sub>ol</sub>	-10	°C
Heating/Warmer	T <sub>biv</sub>	x	°C	Heating/Warmer	T <sub>ol</sub>	x	°C
Heating/Colder	T <sub>biv</sub>	x	°C	Heating/Colder	T <sub>ol</sub>	x	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	P <sub>cycc</sub>	x,x	kW	for cooling	EER <sub>cycc</sub>	x,x	—
for heating	P <sub>cycc</sub>	x,x	kW	for heating	COP <sub>cycc</sub>	x,x	—
Degradation coefficient cooling (**)	C <sub>dc</sub>	0.25	—	Degradation coefficient heating (**)	C <sub>dh</sub>	0.25	—
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
Off mode	P <sub>OFF</sub>	0.002020	kW	Cooling	Q <sub>CE</sub>	357	kWh/a
Standby mode	P <sub>SB</sub>	0.002020	kW	Heating/Average	Q <sub>HE</sub>	2238	kWh/a
Thermostat-off mode	P <sub>TO</sub>	0.002298/0.002500	kW	Heating/Warmer	Q <sub>HE</sub>	--	kWh/a
Crankcase heater mode	P <sub>CK</sub>	0	kW	Heating/Colder	Q <sub>HE</sub>	--	kWh/a
Capacity control (indicate one of three options)				Other items			
fixed	N			Sound power level (indoor/outdoor)	L <sub>WA</sub>	(62/67)	dB(A)
staged	N			Global warming potential	GWP	675	kgCO <sub>2</sub> eq.

variable	Y	Rated air flow (indoor/outdoor)	—	(1200/360 0)	m <sup>3</sup> /h
Contact details for obtaining more information		ARGOCLIMA SPA - Via A. Varo,35 - Alfianello (BS) - ITALY - www.argoclima.com			
<p>(*) 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.</p> <p>(**) 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.</p> <p>For units with capacity control marked 'staged', two values for the highest and lowest, noted 'hi/lo' divided by a slash ('/') will be declared in each box under 'Declared capacity'.</p>					



## Product Fiche

### The basic information

**Model:** ADG ECO 70PHB – AEG ECO 70PIH

**Manufacturer / Address:** ARGOCLIMA SPA – Via Alfeno Varo, 35 – Alfianello (BS) - Italy

**Sound power level (indoor unit / outdoor unit):** 60/67 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:** 6.8;

**Energy efficiency class:** A++;

**P<sub>designc</sub>:** 7.0 kW;

Energy consumption 360 kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

### Heating mode

**Type:** Average;

**SCOP:** 4.0;

**Energy efficiency class:** A+;

**P<sub>designh</sub>:** 6.4 kW;

**Declared capacity:** 4.2 kW;

Energy consumption 2239 kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

**The back up heating capacity** for calculation of SCOP at reference design condition: 2.2 kW.