



LOW AMBIENT

Air conditioners single split for special applications

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AIR CONDITIONERS SINGLE SPLIT FOR SPECIAL APPLICATIONS



- Range ideal for all applications where cooling is required even when the outdoor temperature is low (waste collection rooms, wine cellars, florist, computer rooms, ecc.).
- Full DC Inverter technology.
- Digital remote control with LCD display.
- Several air flow adjustments.
- "Turbo" function: it allows to reach the desired temperature, in the shortest possible time.
- "Night/Eco" mode: comfort during sleep.
- "Memory" function: auto-restart after power failure.
- "iFeel" function: ensures the desired temperature in the exact place where the remote control is placed.
- "Cold Plasma" air purification system.



A++ Cooling

MODEL		ARGO LOW AMBIENT	
Indoor unit model		AWIBS9	AWICS19
Outdoor unit model		AEI1G40LL	
	Units	Cooling	Cooling
Nominal capacity (EN14511)	kW	2.6	3.6
EER/COP (EN14511)		2.28	2.27
Design Load [Pdesign c/Pdesign h (Average)] (EN14825)	kW	3.7	4.6
Seasonal efficiency ratio [SEER/SCOP (Average)] (EN14825)		6.1	6.1
Energy efficiency class		A++	A++
Annual energy consumption	kWh/annum	209	263
Air flow rate indoor unit (l.-m.-h.)	m ³ /h	520/610/720	850/950/1100
Air flow rate outdoor unit (l.-h.)	m ³ /h	590/1900	
Indoor unit sound pressure level (l.-m.-h.) at 2 m dist	dB(A)	39/43/48	42/45/51
Outdoor unit sound pressure level (h.) at 4 m dist.	dB(A)	45	
Indoor unit sound power level (h.)	dB(A)	57	60
Outdoor unit sound power level (h.)	dB(A)	58	
Power supply	V/Ph/Hz	220-240~/1/50 V	
Max eletric input	(A)	7.8	
Max. tubing lenght with standard charge	m	7.5	
Max. tubing lenght with additional charge	m	20	
Refrigerant type/GWP/standard refrigerant charge	kg	R410A/2088/1	
Additional refrigerant charge > 7.5 m	g/m	15	20
Max. height difference outdoor/indoor units	m	10	
Liquid gas pipe diameter (1)	Inches	1/4"-3/8"	1/4"-1/2"
Net dimension indoor unit (H./W./D.)	mm	307/1013/221	329/1122/247
Net dimension outdoor unit (H./W./D.)	mm	630/895/345	
Net weight Indoor/Outdoor unit	kg	13.5/54	16.5/54
Min./max. outdoor temperature		-15 °C/+43 °C	
Min./max. indoor temperature		12 °C D.B. (9 °C W.B.)/32 °C D.B. (23 °C W.B.)	

(1) Adaptors

(2) Electrical connection: see installation instructions. With the hygrothermostat: the refrigeration unit and the electric resistances can work at the same time.
Installation instructions can be downloaded from our website.

Nominal conditions:

Indoor air temperature 12 °C (D.B.)/9 °C (W.B.)

Outdoor air temperature 35 °C (D.B.)

Note:

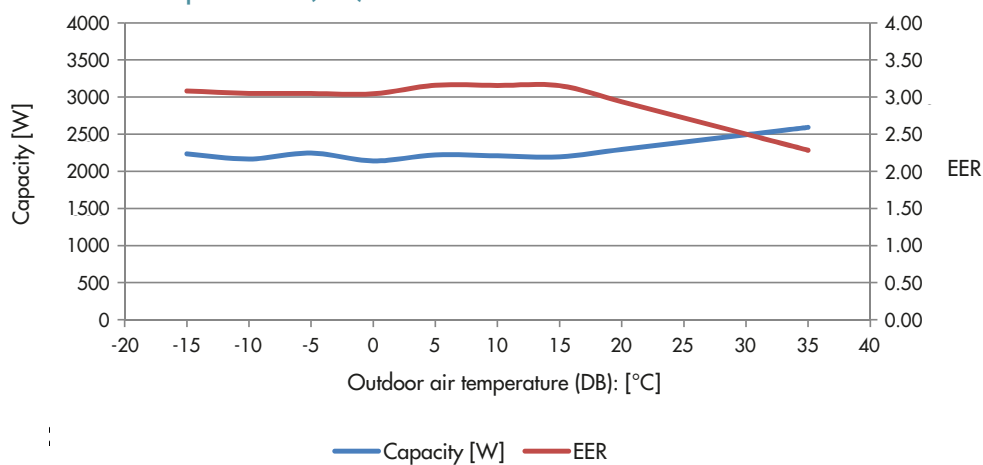
DB = dry bulb

WB = wet bulb

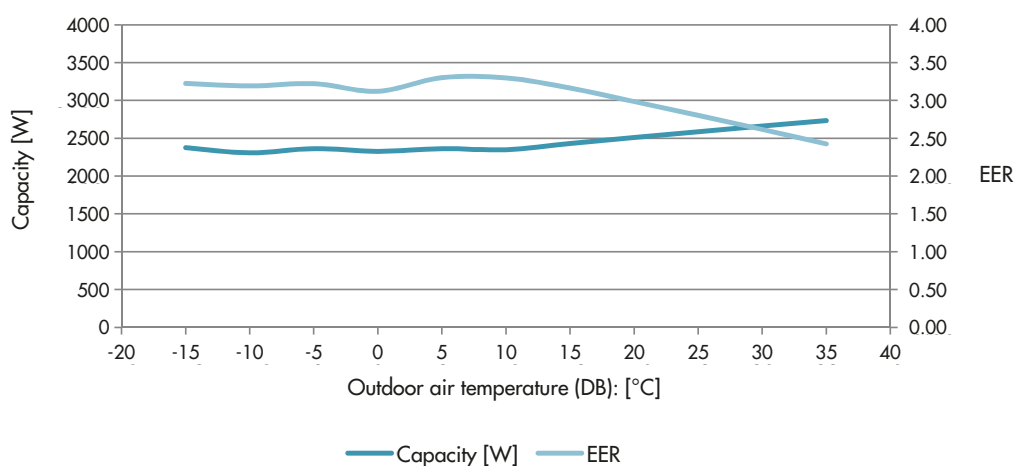
PERFORMANCE CURVES

AEI1G40LL/AWIBS19

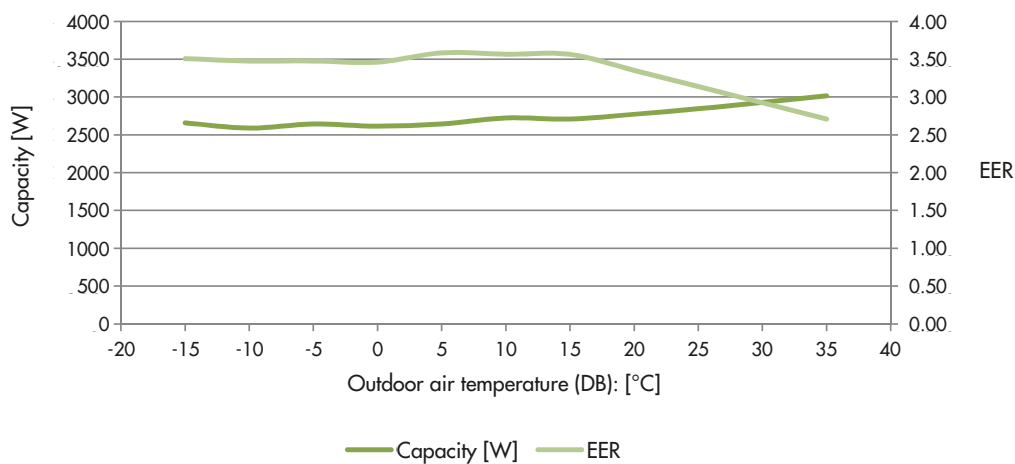
Indoor air temperature (DB): 12 °C



Indoor air temperature (DB): 14 °C



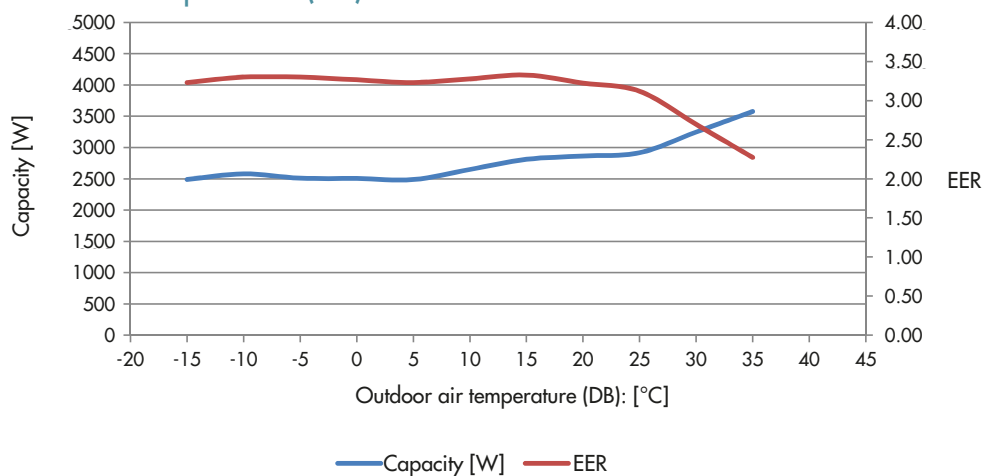
Indoor air temperature (DB): 18 °C



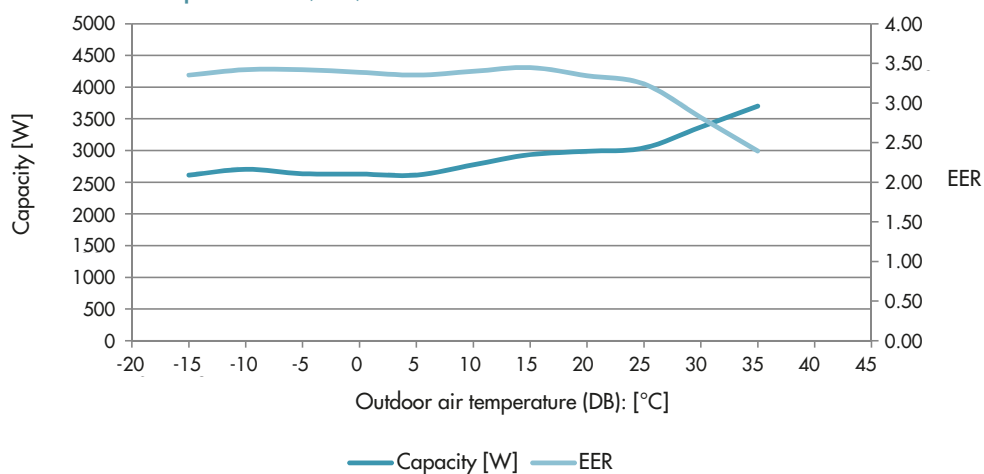
PERFORMANCE CURVES

AEI1G40LL/AWICS19

Indoor air temperature (DB):



Indoor air temperature (DB):



Indoor air temperature (DB):

