argo

improve your life

PROFESSIONAL

CATALOGUE 2026



X3 PACKAGE

Commercial single split air conditioners DC Inverter R32

- Cassette
- Ducted
- Floor/ceiling
- Control systems

LINE-UP

OUTDOOR UNITS

Energy efficiency class up to A++ in cooling mode and up to A+ in heating mode.

Intelligent adjustment of compressor frequency, accurate temperature control.

Reliable cooling and heating operation down to -20 °C outdoor temperature, up to +52 °C (cooling).

Maximum length of pipe connections 75 m; height difference between units up to 30 m.

Minimization of the sound level thanks to the axial fan.

Fast achievement of comfort conditions: the unit allows rapid cooling and heating and is able to quickly reach the temperature set by the user.

Intelligent defrosting technology: the unit is able to correctly evaluate the presence of frost on the outdoor unit through a temperature sensor. The goal is to "defrost only when needed", optimizing the heating effect for high environmental comfort.

Multiple indoor units can be managed with the centralized controller, the same controller used for VRF systems, up to a maximum of 80 indoor units, or connected to a third-party BMS system, up to a maximum of 255 units, simply by pairing each indoor unit with its own Modbus Gateway.
It is also now possible to connect multiple indoor units to a single outdoor unit, with equal capacity and same type of indoor units, thanks to dedicated branch joints and the wired controller that acts as a receiver and can be addressed to manage multiple indoor units (up to 4).



AEG ECO PLUS 35PIH (1PH)



AEG ECO PLUS 50PIH (1PH)
AEG ECO PLUS 71PIH (1PH)
AEG ECO PLUS 85PIH (1PH)



AEG ECO PLUS 100PIH (1PH)
AEG ECO PLUS 100PIH3 (3PH)
AEG ECO PLUS 140PIH (1PH)
AEG ECO PLUS 140PIH3 (3PH)

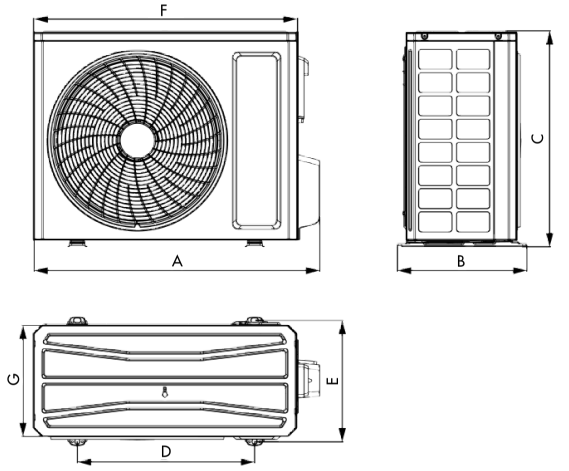


AEG ECO PLUS 160PIH3 (3PH)

A++ Cooling

A+ Heating

Code	Model	Nominal (max.-min.) heating capacity (kW)	Nominal (max.-min.) cooling capacity (kW)
398700009	AEG ECO PLUS 35PIH	3.50 (0.90-4.69)	4.00 (0.90-4.50)
398700010	AEG ECO PLUS 50PIH	5.00 (1.60-5.80)	5.50 (1.60-6.10)
398700011	AEG ECO PLUS 71PIH	7.00 (2.40-7.60)	8.00 (2.20-8.60)
398700012	AEG ECO PLUS 85PIH	8.50 (2.90-9.00)	8.80 (2.30-9.50)
398700013	AEG ECO PLUS 100PIH	10.50 (3.20-11.00)	11.50 (3.00-12.50)
398700015	AEG ECO PLUS 100PIH3	10.50 (3.20-11.00)	11.50 (3.00-12.50)
398700014	AEG ECO PLUS 140PIH	13.40 (4.00-14.20)	15.50 (3.90-16.00)
398700016	AEG ECO PLUS 140PIH3	13.40 (4.00-14.20)	15.50 (3.90-16.00)
398700017	AEG ECO PLUS 160PIH3	14.50 (6.80-16.80) Cassette-Floor/ceiling	17.00 (4.50-17.50) Cassette-Floor/ceiling
		16.00 (4.80-17.00) Ducted	17.00 (4.50-18.00) Ducted



MODEL	DIMENSIONS (mm)						
	A	B	C	D	E	F	G
AEG ECO PLUS 35PIH	732	330	553	455	310	675	285
AEG ECO PLUS 50PIH	802	350	555	512	331	745	300
AEG ECO PLUS 71PIH	958	402	660	570	371	889	340
AEG ECO PLUS 85PIH	958	402	660	570	371	889	340
AEG ECO PLUS 100PIH	1020	427	820	635	396	940	370
AEG ECO PLUS 100PIH3	1020	427	820	635	396	940	370
AEG ECO PLUS 140PIH	1020	427	820	635	396	940	370
AEG ECO PLUS 140PIH3	1020	427	820	635	396	940	370
AEG ECO PLUS 160PIH3	1020	427	960	755	396	990	370

LINE-UP

OUTDOOR UNITS

Code	Model	Features	
398700025	ASG ECO PLUS 35PH	- 8-way compact cassette with 360° air discharge - Integrated condensate drain pump - Ideal for installation in false ceiling	
398700047	ASG ECO PLUS 50PH 60X60		
398100688	GRID CASSETTE COMPACT	Grid for compact cassette (35)	
398700026	ASG ECO PLUS 50PH	- 8-way cassette with 360° air discharge - Wide range of flap swinging - Integrated condensate drain pump	
398700027	ASG ECO PLUS 71PH		
398700028	ASG ECO PLUS 85PH		
398700029	ASG ECO PLUS 100PH		
398700030	ASG ECO PLUS 140PH		
398700031	ASG ECO PLUS 160PH		
398100677	GRID BIG CASSETTE	Grid for big cassette (50-160)	
398700018	ADG ECO PLUS 35PH	- Low external static pressure slim ducted - Silence - Integrated condensate drain pump	
398700019	ADG ECO PLUS 50PH		
398700020	ADG ECO PLUS 71PH	- High external static pressure ducted - Silence - Integrated condensate drain pump	
398700021	ADG ECO PLUS 85PH		
398700022	ADG ECO PLUS 100PH		
398700023	ADG ECO PLUS 140PH		
398700024	ADG ECO PLUS 160PH		
398700032	ACG ECO PLUS 35PH	- Floor/ceiling units - Double flap - Wide range of flap swinging	
398700033	ACG ECO PLUS 50PH		
398700034	ACG ECO PLUS 71PH		
398700035	ACG ECO PLUS 85PH		
398700036	ACG ECO PLUS 100PH		
398700037	ACG ECO PLUS 140PH		
398700038	ACG ECO PLUS 160PH		

MULTI APPLICATIONS - DISTRIBUTION JOINTS

It is possible to create applications with multiple indoor units combined with an outdoor unit thanks to the dedicated branch joints. The current wired controllers that can be combined with PACKAGE allow control of multiple indoor units with a single controller; for this reason it is possible to create dual, trial and quadri applications with the use of these joints, without the need to add any accessory kit. The branch joints are Y-type welded joints, similar to the branch joints of VRF.

Code	Description
EN01300330	JOINT KIT PACKAGE 1 X MULTIPLE APPLICATIONS
EN01300340	JOINT KIT PACKAGE 2 X MULTIPLE APPLICATIONS
EN01300350	JOINT KIT PACKAGE 3 X MULTIPLE APPLICATIONS



The possible applications are those reported in the tables below

DUAL APPLICATIONS

Outdoor unit capacity	Indoor units capacity combinations	Quantity and type of joints
71	50+50	J2*1
100	50+50	J2*1
140	71+71	J2*1
160	85+85	J2*1

TRIAL APPLICATIONS

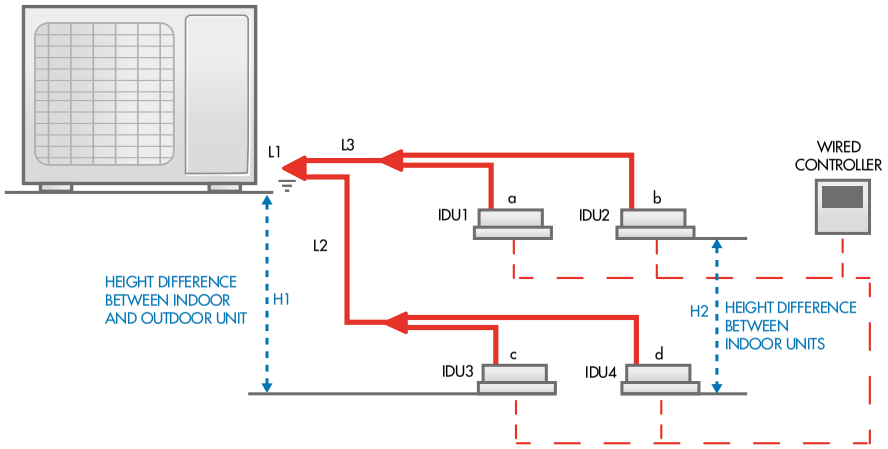
Outdoor unit capacity	Indoor units capacity combinations	Quantity and type of joints
100	35+35+35	J1*1 + J2*1
140	50+50+50	J2*2
160	71+71+71	J3*2

QUADRI APPLICATIONS

Outdoor unit capacity	Indoor units capacity combinations	Quantity and type of joints
140	35+35+35+35	J1*2 + J2*1
160	50+50+50+50	J2*3

Images for illustrative purposes only, may not correspond to the real ones.

PIPE LENGHTS AND DIFFERENCES IN HEIGHT



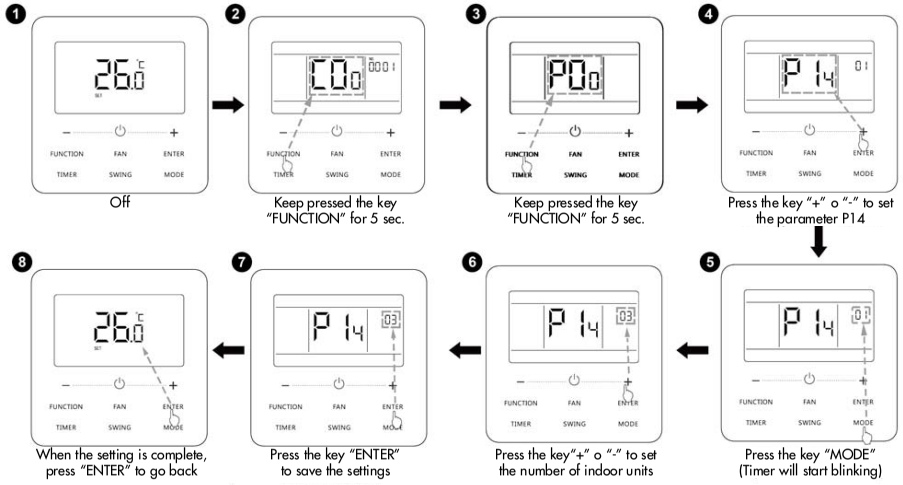
	Pipes	AEG ECO PLUS 35PIH	AEG ECO PLUS 50PIH	AEG ECO PLUS 71PIH	AEG ECO PLUS 85PIH
Max. total length of pipes with additional charge	L1+L2+L3+A+B+C+D	30	30	30	30
Max. total length of pipes with standard charge	L1+L2+L3+a+b+c+d	5	5	5	5
Max. height difference between IU and OU (OU above/below)	H1	15/15	20/20 *	20/20	25/25
Max. height difference between IU	H2	<0,5 m	<0,5 m	<0,5 m	<0,5 m
Difference in length of pipes behind the joint	(L2+d)-(L3+a)	<5 m	<5 m	<5 m	<5 m
Max. length of pipes per branch	L3+a;L3+b;L2+c;L2+d	<20 m	<20 m	<20 m	<20 m

	Pipes	AEG ECO PLUS 100PIH AEG ECO PLUS 100PIH3	AEG ECO PLUS 140PIH AEG ECO PLUS 140PIH3	AEG ECO PLUS 160PIH3
Max. total length of pipes with additional charge	L1+L2+L3+A+B+C+D	75	75	75
Max. total length of pipes with standard charge	L1+L2+L3+a+b+c+d	5	7,5	7,5
Max. height difference between IU and OU (OU above/below)	H1	30/30	30/30	30/30
Max. height difference between IU	H2	<0,5 m	<0,5 m	<0,5 m
Difference in length of pipes behind the joint	(L2+d)-(L3+a)	<5 m	<5 m	<5 m
Max. length of pipes per branch	L3+a;L3+b;L2+c;L2+d	<20 m	<20 m	<20 m

* Except for compact cassette (15)

WIRED CONTROLLER ADDRESSING DIAGRAM

In the case of MULTI application, it is possible to use a single wired controller to manage all the indoor units, which however can only operate simultaneously, with the same mode and with the same parameters. The Manual contains instructions for setting the wired controller to manage more indoor units at the same time.



SETTING THE NUMBER OF INDOOR UNITS MANAGED BY THE CONTROLLER

Setting of the number of indoor units	02:2 indoor units
	03:3 indoor units
	04:4 indoor units



CASSETTE

Compact cassette with 360° air discharge

Cassette with 360° air discharge

COMPACT CASSETTE

WITH 360° AIR DISCHARGE





IRC1F7C (Standard)
398100678
Infrared remote controller



SWC7AV (Optional)
398700039
Wired controller **with WiFi**

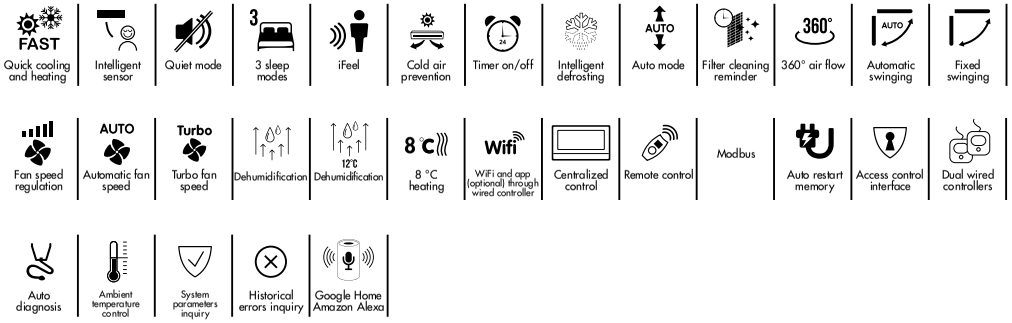


SWC58V (Optional)
398800183
Centralized controller up to 80 units
(it requires wired controller)



EIXEGP (Optional)
398100683
Gateway Modbus

- 8-way cassette units for light commercial/industrial applications.
- Suitable for shops, offices, meeting rooms, hotels, restaurants, clubs, gyms and open space areas.
- Compact and attractive design.
- 360° air discharge, with range of flap oscillation between 45 and 80°, different according to the heating/cooling modes, for maximum comfort.
- The dimensions 570x570 mm are convenient for installation in false ceilings with standard modules 600x600 mm.
- Fan has optimized aerodynamic profiles for maximum silence.
- Condensate drain pump is integrated for a height difference up to 1000 mm.
- Double room temperature sensor for customizable comfort: possibility of selecting the return air temperature sensor on the unit or the temperature sensor on the wired control.
- High energy efficiency, at all the capacities, both in cooling and heating modes (seasonal efficiency).
- The special closing system of the refrigerant valve prevents and avoids the risk of refrigerant leaks from inappropriate maintenance.
- The electrical box has a special design and is made of fireproof material, for maximum protection of the electronic board from the risks of fire.
- Optional WiFi, with wired controller, accessory that can be ordered separately.



A++ Cooling A+ Heating

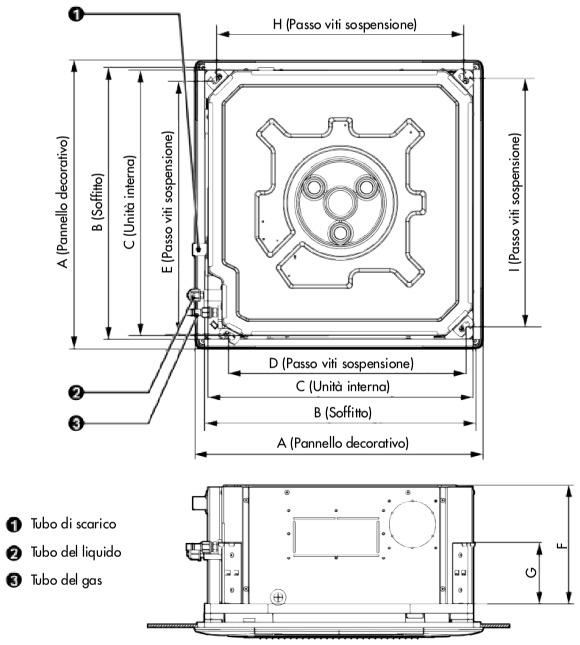
TECHNICAL DATA - MATCHING WITH COMPACT CASSETTE WITH 360° AIR DISCHARGE

Indoor unit model		**ASG ECO PLUS 35PH**		**ASG ECO PLUS 50PH 60x60**	
Outdoor unit model		**AEG ECO PLUS 35PIH**		**AEG ECO PLUS 50PIH**	
	Units	Cooling	Heating	Raffreddamento	Riscaldamento
Nominal (min.-max.) capacity (EN14511)	kW	3.50 (0.90-4.00)	4.00 (0.90-4.50)	5.00	5.60
	BTU/h	12000	13600	17000	19000
EER/COP (EN14511)		3.80	4.00	3.40	3.50
Design Load [Pdesign c/Pdesign h (Average)] (EN14825)*	kW	3.5	3.1	5.0	3.9
Seasonal efficiency ratio [SEER/SCOP (Average)] (EN14825)*		7.1	4.2	6.6	4.0
Energy efficiency class*		A++	A+	A++	A+
Seasonal energy consumption*	kWh/annum	173	1034	266	1365
Air flow rate Indoor (sh.-h.-m.-l.)	m^3/h	600-550-500-400		720-650-600-500	
Dehumidification	l/h	1.0		1.8	
Fan speeds (Indoor/Outdoor)	n°	4/2		4/modulante	
Sound pressure Indoor (sh.-h.-m.-l.)	dB(A)	36-35-33-29		43-41-39-35	
Sound pressure Outdoor (h.)	dB(A)	48		52	
Sound power Indoor (sh.-h.-m.-l.)	dB(A)	47-45-42-39		51-46-43-40	
Sound power Outdoor (h.)	dB(A)	56		65	
Power supply	V/Ph/Hz	220-240~/1/50/60		220-240 ~/1/50/60	
Power input	kW	0.92	1.30	1.47	1.60
Maximum electrical power input	kW/A	1.30/6.00		TBD	
Compressor type		Rotary DC Inverter		Rotary DC Inverter	
Refrigerant type/GWP		R32/675		R32/675	
Refrigerant charge	kg/T.CO_2 eq.	0.57/0.39		0.85/0.57	
Liquid pipe diameter	mm (inch)	6.35 (1/4")		6.35 (1/4")	
Gas pipe diameter	mm (inch)	9.52 (3/8")		12.70 (1/2")	
Pipe lenght with gas standard charge	m	5		5	
Max. pipe lenght with additional charge	m	30		30	
Additional refrigerant charge	g/m	16		16	
Max. height difference (Outdoor above)	m	15		20	
Max. height difference (Indoor above)	m	15		20	
Panel code to match		398100688		398100688	
Indoor net dimension without panel (H./W./D.)	mm	260/570/570		260/570/570	
Net dimension panel (H./W./D.)	mm	47.5/620/620		47.5/620/620	
Indoor net dimension with panel (H./W./D.)	mm	307.5/620/620		307.5/620/620	
Outdoor net dimension (H./W./D.)	mm	553/675/285		555/745/300	
Indoor unit without panel/Outdoor unit net weight	kg	16.5/24.5		16.5/30.5	
Panel net weight	kg	3		3	

OPERATING RANGE: outdoor temperature
Cooling mode: from -20 °C to +52 °C
Heating mode: from -20 °C to +24 °C
RANGE OF INDOOR TEMPERATURE ADJUSTMENT: from 16 to 30 °C.

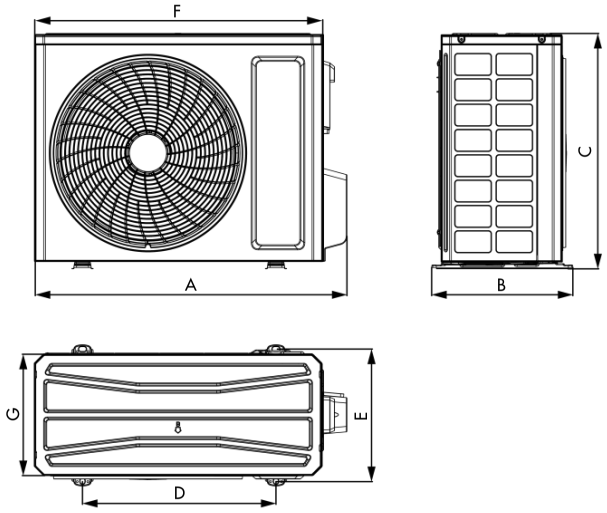
*Data declared in compliance with EU Regulation no. 206/2012, as regards to Ecodesign requirements for air conditioners and comfort fans, and EU Regulation no. 626/2011, concerning the energy labelling of air conditioners, and tested according to standard EN14825.

INDOOR UNIT DIMENSIONAL DRAWING

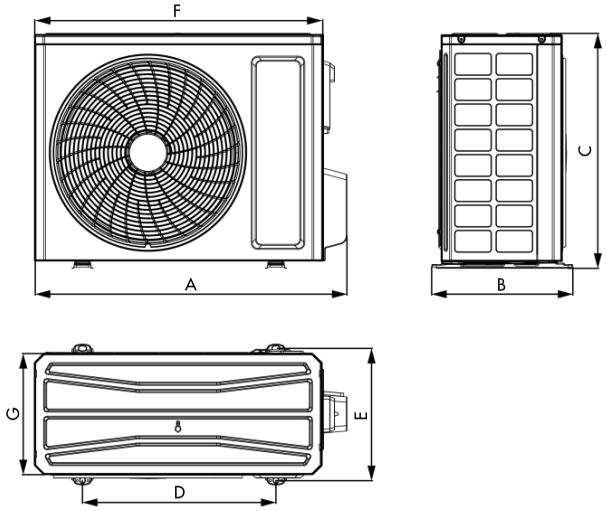


MODEL	DIMENSIONS (mm)								
	A	B	C	D	E	F	G	H	I
ASG ECO PLUS 35PH	620	580	570	505	550	260	140	530	530
ASG ECO PLUS 50PH									

OUTDOOR UNIT DIMENSIONAL DRAWING



MODEL	DIMENSIONS (mm)						
	A	B	C	D	E	F	G
AEG ECO PLUS 35PIH	732	330	553	455	310	675	285



MODEL	DIMENSIONS (mm)						
	A	B	C	D	E	F	G
AEG ECO PLUS 50PIH	802	350	555	512	331	745	300

CASSETTE

WITH 360° AIR DISCHARGE





IRC1F7C (Standard)
398100678
Infrared remote controller



SWC7AV (Optional)
398700039
Wired controller **with WiFi**

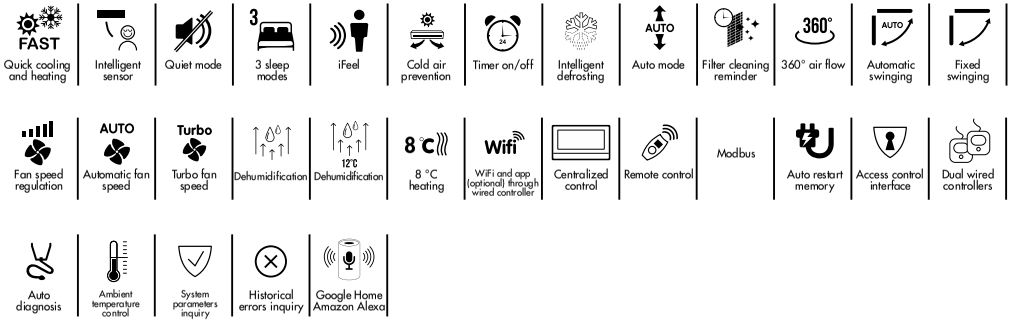


SWC58V (Optional)
398800183
Centralized controller up to 80 units
(it requires wired controller)



EIXEGP (Optional)
398100683
Gateway Modbus

- 8-way cassette units for light commercial/industrial applications.
- Suitable for shops, offices, meeting rooms, hotels, restaurants, clubs, gyms and open space areas.
- Attractive design.
- 360° air discharge, with range of flap oscillation between 45 and 80°, different according to the heating/cooling modes, for maximum comfort.
- Fan has optimized aerodynamic profiles for maximum silence.
- Condensate drain pump is integrated for a height difference up to 1000 mm.
- Double room temperature sensor for customizable comfort: possibility of selecting the return air temperature sensor on the unit or the temperature sensor on the wired control.
- High energy efficiency, at all the capacities, both in cooling and heating modes (seasonal efficiency).
- The special closing system of the refrigerant valve prevents and avoids the risk of refrigerant leaks from inappropriate maintenance.
- The electrical box has a special design and is made of fireproof material, for maximum protection of the electronic board from the risks of fire.
- Optional WiFi, with wired controller, accessory that can be ordered separately.



A++ Cooling

A+ Heating

TECHNICAL DATA-MATCHING WITH CASSETTE WITH 360° AIR DISCHARGE

Indoor unit model		**ASG ECO PLUS 50PH**	
Outdoor unit model		**AEG ECO PLUS 50PIH**	
	Units	Cooling	Heating
Nominal (min.-max.) capacity (EN14511)	kW	5.30 (1.60-5.80)	5.80 (1.60-6.10)
	BTU/h	17000	19790
EER/COP (EN14511)		3.45	3.95
Design Load [Pdesign c/Pdesign h (Average)] (EN14825)*	kW	5.3	3.9
Seasonal efficiency ratio [SEER/SCOP (Average)] (EN14825)*		7.2	4.3
Energy efficiency class*		A++	A+
Seasonal energy consumption*	kWh/annum	258	1270
Air flow rate Indoor (sh.-h.-m.-l.)	m^3/h	900-800-700-600	
Dehumidification	l/h	1.8	
Fan speeds (Indoor/Outdoor)	n°	4/2	
Sound pressure Indoor (sh.-h.-m.-l.)	dB(A)	36-35-33-31	
Sound pressure Outdoor (h.)	dB(A)	52	
Sound power Indoor (sh.-h.-m.-l.)	dB(A)	51-46-43-40	
Sound power Outdoor (h.)	dB(A)	65	
Power supply	V/Ph/Hz	220-240~/1/50/60	
Power input	kW	1.54	1.47
Maximum electrical power input	kW/A	1.90/9.50	
Compressor type		Rotary DC Inverter	
Refrigerant type/GWP		R32/675	
Refrigerant charge	kg/T.CO_2 eq.	0.85/0.57	
Liquid pipe diameter	mm (inch)	6.35 (1/4")	
Gas pipe diameter	mm (inch)	12.70 (1/2")	
Pipe lenght with gas standard charge	m	5	
Max. pipe lenght with additional charge	m	30	
Additional refrigerant charge	g/m	16	
Max. height difference (Outdoor above)	m	15	
Max. height difference (Indoor above)	m	15	
Panel code to match		398100677	
Indoor net dimension without panel (H./W./D.)	mm	200/840/840	
Net dimension panel (H./W./D.)	mm	52/950/950	
Indoor net dimension with panel (H./W./D.)	mm	252/950/950	
Outdoor net dimension (H./W./D.)	mm	555/745/300	
Indoor unit without panel/Outdoor unit net weight	kg	21/30.5	
Panel net weight	kg	6	

OPERATING RANGE: outdoor temperature
Cooling mode: from -20 °C to +52 °C
Heating mode: from -20 °C to +24 °C
RANGE OF INDOOR TEMPERATURE ADJUSTMENT: from 16 to 30 °C.

*Data declared in compliance with EU Regulation no. 206/2012, as regards to Ecodesign requirements for air conditioners and comfort fans, and EU Regulation no. 626/2011, concerning the energy labelling of air conditioners, and tested according to standard EN14825.

TECHNICAL DATA

Indoor unit model		ASG ECO PLUS 71PH		ASG ECO PLUS 85PH	
Outdoor unit model		AEG ECO PLUS 71PIH		AEG ECO PLUS 85PIH	
	Units	Cooling	Heating	Cooling	Heating
Nominal (min.-max.) capacity (EN14511)	kW	7.10 (2.40-7.60)	8.00 (2.20-8.60)	8.50 (2.90-9.00)	8.80 (2.50-9.50)
	BTU/h	24200	27200	29000	30000
EER/COP (EN14511)		3.70	4.00	3.40	3.90
Design Load [Pdesign c/Pdesign h (Average)] (EN14825)*	kW	7.1	5.0	8.5	6.0
Seasonal efficiency ratio [SEER/SCOP (Average)] (EN14825)*		6.7	4.3	6.9	4.3
Energy efficiency class*		A++	A+	A++	A+
Seasonal energy consumption*	kWh/annum	371	1628	432	1954
Air flow rate Indoor (sh.-h.-m.-l.)	m^3/h	1100-1000-900-800		1400-1300-1200-1100	
Dehumidification	l/h	2.4		2.8	
Fan speeds (Indoor/Outdoor)	n°	4/2		4/2	
Sound pressure Indoor (sh.-h.-m.-l.)	dB(A)	39-38-36-34		47-46-42-38	
Sound pressure Outdoor (h.)	dB(A)	58		65	
Sound power Indoor (sh.-h.-m.-l.)	dB(A)	51-50-48-47		59-51-48-46	
Sound power Outdoor (h.)	dB(A)	69		70	
Power supply	V/Ph/Hz	220-240~/1/50/60		220-240~/1/50/60	
Power input	kW	2.03	2.80	2.50	2.25
Maximum electrical power input	kW/A	2.80/14.00		3.30/15.00	
Compressor type		Rotary DC Inverter		Rotary DC Inverter	
Refrigerant type/GWP		R32/675		R32/675	
Refrigerant charge	kg/T.CO_2 eq.	1.5/1.01		1.5/1.01	
Liquid pipe diameter	mm (inch)	9.52 (3/8")		9.52 (3/8")	
Gas pipe diameter	mm (inch)	15.88 (5/8")		15.88 (5/8")	
Pipe lenght with gas standard charge	m	5		5	
Max. pipe lenght with additional charge	m	30		30	
Additional refrigerant charge	g/m	20		20	
Max. height difference (Outdoor above)	m	20		25	
Max. height difference (Indoor above)	m	20		25	
Panel code to match		398100677		398100677	
Indoor net dimension without panel (H./W./D.)	mm	200/840/840		200/840/840	
Net dimension panel (H./W./D.)	mm	52/950/950		52/950/950	
Indoor net dimension with panel (H./W./D.)	mm	252/950/950		252/950/950	
Outdoor net dimension (H./W./D.)	mm	660/889/340		660/889/340	
Indoor unit without panel/Outdoor unit net weight	kg	21/41.5		21/46	
Panel net weight	kg	6		6	

OPERATING RANGE: outdoor temperature
Cooling mode: from -20 °C to +52 °C
Heating mode: from -20 °C to +24 °C
RANGE OF INDOOR TEMPERATURE ADJUSTMENT: from 16 to 30 °C.

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Indoor unit model		ASG ECO PLUS 100PH		ASG ECO PLUS 100PH	
Outdoor unit model		AEG ECO PLUS 100PIH		AEG ECO PLUS 100PIH3	
	Units	Cooling	Heating	Cooling	Heating
Nominal (min.-max.) capacity (EN14511)	kW	10.50 (3.20-11.00)	11.50 (3.00-12.50)	10.50 (3.20-11.00)	11.50 (3.00-12.50)
	BTU/h	35800	39200	35800	39200
EER/COP (EN14511)		3.50	4.10	3.50	4.10
Design Load [Pdesign c/Pdesign h (Average)] (EN14825)*	kW	10.5	7.0	10.5	7.0
Seasonal efficiency ratio [SEER/SCOP (Average)] (EN14825)*		6.6	4.4	6.6	4.4
Energy efficiency class*		A++	A+	A++	A+
Seasonal energy consumption*	kWh/annum	557	2227	557	2227
Air flow rate Indoor (sh.-h.-m.-l.)	m^3/h	1500-1400-1200-1000		1500-1400-1200-1000	
Dehumidification	l/h	3.3		3.3	
Fan speeds (Indoor/Outdoor)	n°	4/2		4/2	
Sound pressure Indoor (sh.-h.-m.-l.)	dB(A)	43-41-39-38		43-41-39-38	
Sound pressure Outdoor (h.)	dB(A)	57		57	
Sound power Indoor (sh.-h.-m.-l.)	dB(A)	56-54-52-48		56-54-52-48	
Sound power Outdoor (h.)	dB(A)	70		70	
Power supply	V/Ph/Hz	220-240~/1/50/60		380-415~/3/50-60	
Power input	kW	3.10	2.95	3.10	3.95
Maximum electrical power input	kW/A	4.70/21.00		4.40/7.00	
Compressor type		Rotary DC Inverter		Rotary DC Inverter	
Refrigerant type/GWP		R32/675		R32/675	
Refrigerant charge	kg/T.CO_2 eq.	2.1/1.42		2.1/1.42	
Liquid pipe diameter	mm (inch)	9.52 (3/8")		9.52 (3/8")	
Gas pipe diameter	mm (inch)	15.88 (5/8")		15.88 (5/8")	
Pipe lenght with gas standard charge	m	5		5	
Max. pipe lenght with additional charge	m	75		75	
Additional refrigerant charge	g/m	20		20	
Max. height difference (Outdoor above)	m	30		30	
Max. height difference (Indoor above)	m	30		30	
Panel code to match		398100677		398100677	
Indoor net dimension without panel (H./W./D.)	mm	240/840/840		240/840/840	
Net dimension panel (H./W./D.)	mm	52/950/950		52/950/950	
Indoor net dimension with panel (H./W./D.)	mm	292/950/950		292/950/950	
Outdoor net dimension (H./W./D.)	mm	820/940/370		820/940/370	
Indoor unit without panel/Outdoor unit net weight	kg	23/65		23/75	
Panel net weight	kg	6		6	

OPERATING RANGE: outdoor temperature
Cooling mode: from -20 °C to +52 °C
Heating mode: from -20 °C to +24 °C
RANGE OF INDOOR TEMPERATURE ADJUSTMENT: from 16 to 30 °C.

*Data declared in compliance with EU Regulation no. 206/2012, as regards to Ecodesign requirements for air conditioners and comfort fans, and EU Regulation no. 626/2011, concerning the energy labelling of air conditioners, and tested according to standard EN14825.

TECHNICAL DATA

Indoor unit model		ASG ECO PLUS 140PH		ASG ECO PLUS 140PH	
Outdoor unit model		AEG ECO PLUS 140PIH		AEG ECO PLUS 140PIH3	
	Units	Cooling	Heating	Cooling	Heating
Nominal (min.-max.) capacity (EN14511)	kW	13.40 (4.00-14.20)	15.50 (3.90-16.00)	13.40 (4.00-14.20)	15.50 (3.90-16.00)
	BTU/h	45700	52800	45700	52800
EER/COP (EN14511)		2.91	3.30	2.91	3.30
Rated capacity (Prated,c/Prated,h)*	kW	13.40	15.50	13.40	15.50
Seasonal space energy efficency (ηs,c/ηs,h)*	%	257.8	158.2	257.8	158.2
Air flow rate Indoor (sh.-h.-m.-l.)	m³/h	2000-1800-1600-1400		2000-1800-1600-1400	
Dehumidification	l/h	3.9		3.9	
Fan speeds (Indoor/Outdoor)	n°	4/2		4/2	
Sound pressure Indoor (sh.-h.-m.-l.)	dB(A)	50-48-45-41		50-48-45-41	
Sound pressure Outdoor (h.)	dB(A)	59		59	
Sound power Indoor (sh.-h.-m.-l.)	dB(A)	64-63-60-57		64-63-60-57	
Sound power Outdoor (h.)	dB(A)	75		75	
Power supply	V/Ph/Hz	220-240~/1/50/60		380-415~/3/50/60	
Power input	kW	4.60	4.70	4.60	4.70
Maximum electrical power input	kW/A	5.60/25.00		5.60/11.00	
Compressor type		Rotary DC Inverter		Rotary DC Inverter	
Refrigerant type/GWP		R32/675		R32/675	
Refrigerant charge	kg/T.CO_2 eq.	2.80/1.89		2.80/1.89	
Liquid pipe diameter	mm (inch)	9.52 (3/8")		9.52 (3/8")	
Gas pipe diameter	mm (inch)	15.88 (5/8")		15.88 (5/8")	
Pipe lenght with gas standard charge	m	7.5		7.5	
Max. pipe lenght with additional charge	m	75		75	
Additional refrigerant charge	g/m	35		35	
Max. height difference (Outdoor above)	m	30		30	
Max. height difference (Indoor above)	m	30		30	
Panel code to match		398100677		398100677	
Indoor net dimension without panel (H./W./D.)	mm	290/840/840		290/840/840	
Net dimension panel (H./W./D.)	mm	52/950/950		52/950/950	
Indoor net dimension with panel (H./W./D.)	mm	342/950/950		342/950/950	
Outdoor net dimension (H./W./D.)	mm	820/940/370		820/940/370	
Indoor unit without panel/Outdoor unit net weight	kg	25/73		25/81	
Panel net weight	kg	6		6	

OPERATING RANGE: outdoor temperature
Cooling mode: from -20 °C to +52 °C
Heating mode: from -20 °C to +24 °C
RANGE OF INDOOR TEMPERATURE ADJUSTMENT: from 16 to 30 °C.

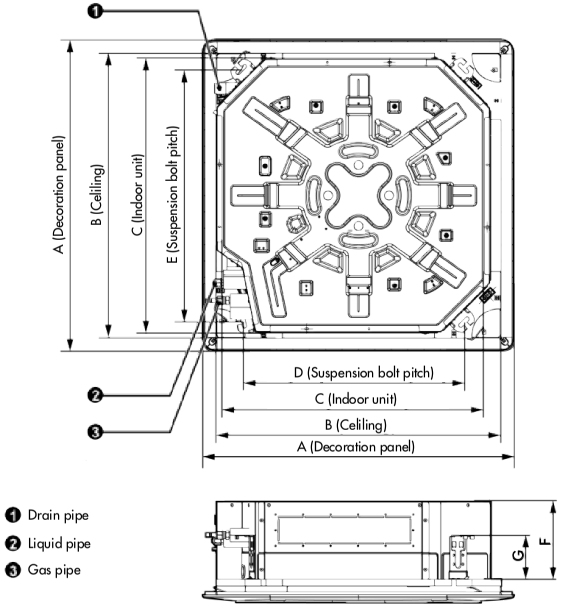
*Data declared in accordance with COMMISSION REGULATION (EU) 2016/2281 of 30 November 2016 implementing Directive 2009/125/EC of the European Parliament and of the Council establishing a framework for the setting of ecodesign requirements for energy-related products, with regard to ecodesign requirements for air heating products, cooling products, high temperature process chillers and fan coil units.

Indoor unit model		ASG ECO PLUS 160PH	
Outdoor unit model		AEG ECO PLUS 160PIH3	
	Units	Cooling	Heating
Nominal (min.-max.) capacity (EN14511)	kW	14.50 (4.80-15.00)	17.00 (4.50-17.50)
	BTU/h	49400	58000
EER/COP (EN14511)		2.74	2.98
Rated capacity (Prated,c/Prated,h)*	kW	14.50	17.0
Seasonal space energy efficency (ηs,c/ηs,h)*	%	239	151.6
Air flow rate Indoor (sh.-h.-m.-l.)	m³/h	2300-2100-1900-1600	
Dehumidification	l/h	4.8	
Fan speeds (Indoor/Outdoor)	n°	4/2	
Sound pressure Indoor (sh.-h.-m.-l.)	dB(A)	50-48-46-44	
Sound pressure Outdoor (h.)	dB(A)	60	
Sound power Indoor (sh.-h.-m.-l.)	dB(A)	65-63-61-60	
Sound power Outdoor (h.)	dB(A)	75	
Power supply	V/Ph/Hz	380-415~/3/50/60	
Power input	kW	5.30	5.70
Maximum electrical power input	kW/A	6.80/12.00	
Compressor type		Rotary DC Inverter	
Refrigerant type/GWP		R32/675	
Refrigerant charge	kg/T.CO_2 eq.	3.50/2.363	
Liquid pipe diameter	mm (inch)	9.52 (3/8")	
Gas pipe diameter	mm (inch)	15.88 (5/8")	
Pipe lenght with gas standard charge	m	7.5	
Max. pipe lenght with additional charge	m	75	
Additional refrigerant charge	g/m	35	
Max. height difference (Outdoor above)	m	30	
Max. height difference (Indoor above)	m	30	
Panel code to match		398100677	
Indoor net dimension without panel (H./W./D.)	mm	290/840/840	
Net dimension panel (H./W./D.)	mm	52/950/950	
Indoor net dimension with panel (H./W./D.)	mm	342/950/950	
Outdoor net dimension (H./W./D.)	mm	960/990/370	
Indoor unit without panel/Outdoor unit net weight	kg	26/94	
Panel net weight	kg	9.5	

OPERATING RANGE: outdoor temperature
Cooling mode: from -20 °C to +52 °C
Heating mode: from -20 °C to +24 °C
RANGE OF INDOOR TEMPERATURE ADJUSTMENT: from 16 to 30 °C.

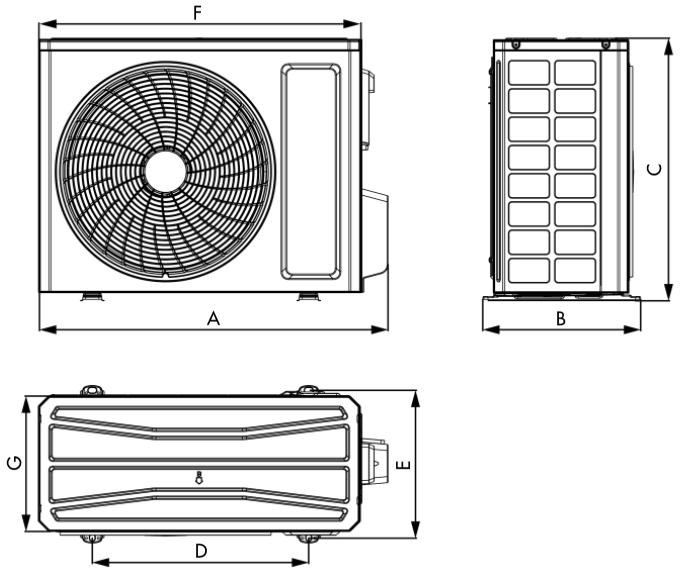
*Data declared in accordance with COMMISSION REGULATION (EU) 2016/2281 of 30 November 2016 implementing Directive 2009/125/EC of the European Parliament and of the Council establishing a framework for the setting of ecodesign requirements for energy-related products, with regard to ecodesign requirements for air heating products, cooling products, high temperature process chillers and fan coil units.

INDOOR UNITS DIMENSIONAL DRAWING



MODEL	DIMENSIONS (mm)								
	A	B	C	D	E	F	G	H	I
ASG ECO PLUS 50PH	950	890	840	680	780	200	135	-	-
ASG ECO PLUS 71PH	950	890	840	680	780	200	135	-	-
ASG ECO PLUS 85PH	950	890	840	680	780	200	135	-	-
ASG ECO PLUS 100PH	950	890	840	680	780	240	135	-	-
ASG ECO PLUS 140PH	950	890	840	680	780	290	135	-	-
ASG ECO PLUS 160PH	950	890	840	680	780	290	135	-	-

OUTDOOR UNITS DIMENSIONAL DRAWING



MODEL	DIMENSIONS (mm)						
	A	B	C	D	E	F	G
AEG ECO PLUS 50PIH	802	350	555	512	331	745	300
AEG ECO PLUS 71PIH	958	402	660	570	371	889	340
AEG ECO PLUS 85PIH	958	402	660	570	371	889	340
AEG ECO PLUS 100PIH	1020	427	820	635	396	940	370
AEG ECO PLUS 100PIH3	1020	427	820	635	396	940	370
AEG ECO PLUS 140PIH	1020	427	820	635	396	940	370
AEG ECO PLUS 140PIH3	1020	427	820	635	396	940	370
AEG ECO PLUS 160PIH3	1020	427	960	755	396	990	370



DUCTED

Slim ducted

High static pressure ducted

SLIM DUCTED





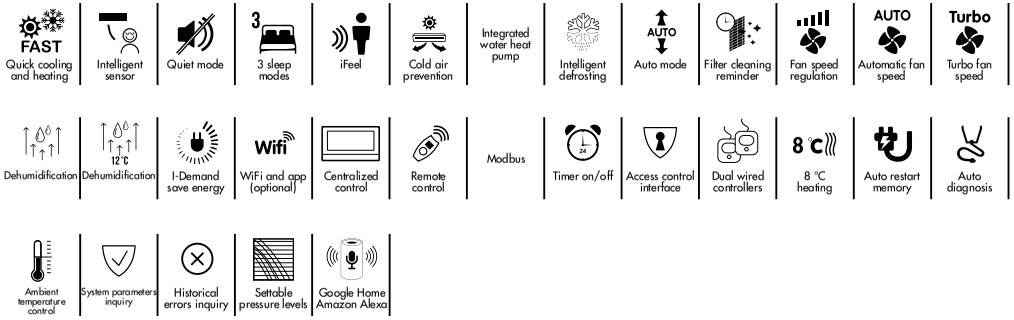
SWC7AV (Standard)
398700039
Wired controller **with WiFi**

IRC1F7C (Optional)
398100678
Infrared remote controller

SWC58V (Optional)
398800183
Centralized controller up to 80 units (it requires wired controller)

EIXEGP (Optional)
398100683
Gateway Modbus

- Slim ducted units for light commercial/industrial applications.
- Suitable for shops, offices, meeting rooms, hotels, restaurants, clubs, gyms and open space areas.
- Ultra-thin, these units are characterized by an air discharge design optimized to minimize the sound level and improve performance.
- The thickness is only 200 mm and the width 450 mm: these units are among the thinnest on the market.
- The special design of the evaporating coil (V-shape), covered by a patent, favors a more effective exchange of air.
- The centrifugal fan is also characterized by a patented design and allows higher air flow and greater silence.
- The external static pressure reaches 80 Pa, with 5 selectable levels, according to different needs, ensuring maximum adaptability to different types of installation.
- The combination with the wired control allows to optimize the external static pressure according to the different technical installation requirements.
- The condensate drain pump is integrated for a height difference up to 1000 mm.
- You can choose between rear or bottom air intake.
- The DC motor ensures energy saving and high efficiency.
- Double room temperature sensor for a customizable comfort: possibility to select the sensor of return air temperature on the unit or of the sensor of temperature on the wired control.
- Connection to fresh air intake from outdoors is possible.
- High energy efficiency, at all capacities, both in cooling and heating modes, especially with a view to operating 365 days a year (seasonal efficiency).
- The special closing system of the refrigerant valve prevents and avoids the risk of refrigerant leaks from inappropriate maintenance.
- Optional WiFi, with wired controller, accessory that can be ordered separately.



A++ Cooling

A+ Heating

TECHNICAL DATA-MATCHING WITH SLIM DUCTED UNITS

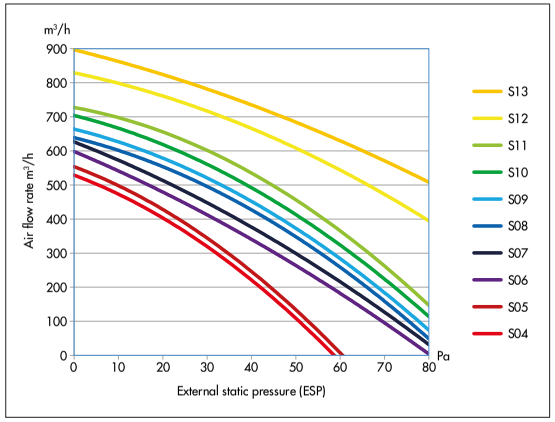
Indoor unit model		**ADG ECO PLUS 35PH**		**ADG ECO PLUS 50PH**	
Outdoor unit model		**AEG ECO PLUS 35PIH**		**AEG ECO PLUS 50PIH**	
	Units	Cooling	Heating	Cooling	Heating
Nominal (min.-max.) capacity (EN14511)	kW	3.50 (0.90-4.00)	4.00 (0.90-4.50)	5.30 (1.60-5.80)	5.60 (1.60-6.10)
	BTU/h	12000	13600	18000	19100
EER/COP (EN14511)		3.40	4.00	3.50	3.95
Design Load [Pdesign c/Pdesign h (Average)] (EN14825)*	kW	3.5	3.0	5.3	3.9
Seasonal efficiency ratio [SEER/SCOP (Average)] (EN14825)*		6.5	4.0	6.3	4,0
Energy efficiency class*		A++	A+	A++	A+
Seasonal energy consumption*	kWh/annum	189	1050	294	1365
Air flow rate Indoor (sh.-h.-m.-l.)	m^3/h	600-550-500-400		900-800-700-600	
Dehumidification	l/h	1.0		1.7	
Fan speeds (Indoor/Outdoor)	n°	4/2		4/2	
Sound pressure Indoor (sh.-h.-m.-l.)	dB(A)	35-33-32-30		36-35-33-31	
Sound pressure Outdoor (h.)	dB(A)	56		59	
Sound power Indoor (sh.-h.-m.-l.)	dB(A)	48-45-43-41		52-51-48-45	
Sound power Outdoor (h.)	dB(A)	56		65	
Power supply	V/Ph/Hz	220-240~/1/50/60		220-240~/1/50/60	
Nominal rated external static pressure	Pa	25		25	
Rated external static pressure (range)	Pa	0-80		0-80	
Power input	kW	1.03	1.00	1.51	1.42
Maximum electrical power input	kW/A	1.30/6.00		1.90/9.50	
Compressor type		Rotary DC Inverter		Rotary DC Inverter	
Refrigerant type/GWP		R32/675		R32/675	
Refrigerant charge	kg/T.CO_2 eq.	0.57/0.39		0.85/0.57	
Liquid pipe diameter	mm (inch)	6.35 (1/4")		6.35 (1/4")	
Gas pipe diameter	mm (inch)	9.52 (3/8")		12.70 (1/2")	
Pipe lenght with gas standard charge	m	5		5	
Max. pipe lenght with additional charge	m	30		30	
Additional refrigerant charge	g/m	16		16	
Max. height difference (Outdoor above)	m	15		20	
Max. height difference (Indoor above)	m	15		20	
Indoor net dimension (H./W./D.)	mm	200/700/450		200/1000/450	
Outdoor net dimension (H./W./D.)	mm	553/675/285		555/745/300	
Net weight Indoor/Outdoor	kg	18/24.5		24/30.5	

OPERATING RANGE: outdoor temperature
Cooling mode: from -20 °C to +52 °C
Heating mode: from -20 °C to +24 °C
RANGE OF INDOOR TEMPERATURE ADJUSTMENT: from 16 to 30 °C.

*Data declared in compliance with EU Regulation no. 206/2012, as regards to Ecodesign requirements for air conditioners and comfort fans, and EU Regulation no. 626/2011, concerning the energy labelling of air conditioners, and tested according to standard EN14825.

STATIC PRESSURE CURVES

ADG ECO PLUS 35PH - static pressure curves

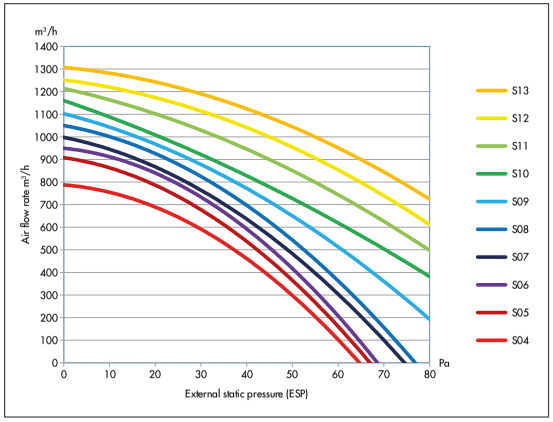


External static pressure	Turbo speed	High	Medium	Low
P03	S09	S08	S06	S04
P04	S10	S09	S07	S05
P05*	**S11**	**S10**	**S08**	**S06**
P06	S12	S11	S09	S07
P07	S13	S12	S10	S08

*Default static pressure level

The wired controller can be used to change the external static pressure (ESP) to turbo, high, medium and low fan speeds. 5 are the adjustable external static pressure levels.

ADG ECO PLUS 50PH - static pressure curves



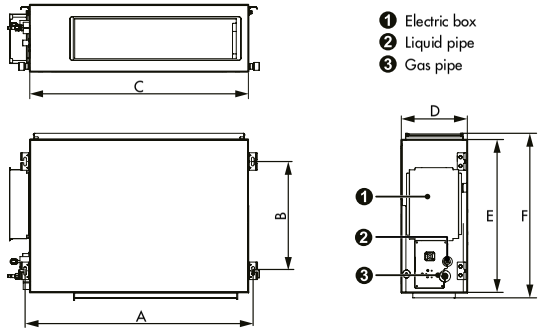
External static pressure	Turbo speed	High	Medium	Low
P03	S09	S08	S06	S04
P04	S10	S09	S07	S05
P05*	**S11**	**S10**	**S08**	**S06**
P06	S12	S11	S09	S07
P07	S13	S12	S10	S08

*Default static pressure level

The wired controller can be used to change the external static pressure (ESP) to turbo, high, medium and low fan speeds. 5 are the adjustable external static pressure levels.

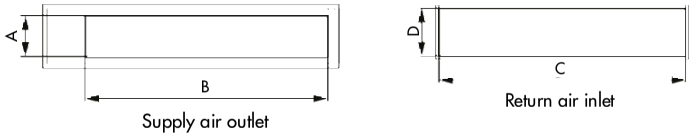
DIMENSIONAL DRAWINGS

INDOOR UNITS



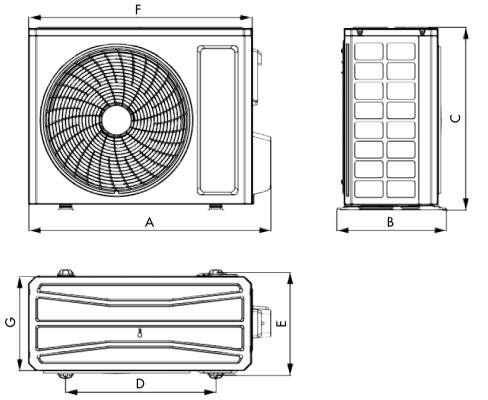
MODEL	DIMENSIONS (mm)					
	A	B	C	D	E	F
AEG ECO PLUS 35PIH	760	415	700	200	450	474
AEG ECO PLUS 50PIH	1060	415	1000	200	450	474

SUPPLY AIR OUTLET/RETURN AIR INLET



MODEL	SUPPLY AIR OUTLET		RETURN AIR INLET	
	A	B	C	D
ADG ECO PLUS 35PH	122	585	700	200
ADG ECO PLUS 50PH	122	885	1000	200

OUTDOOR UNITS



MODEL	DIMENSIONS (mm)						
	A	B	C	D	E	F	G
AEG ECO PLUS 35PIH	732	330	553	455	310	675	285
AEG ECO PLUS 50PIH	802	350	555	512	331	745	300

DUCTED

HIGH STATIC PRESSURE





SWC7AV (Standard)
398700039
Wired controller **with WiFi**



IRC1F7C (Optional)
398100678
Infrared remote controller

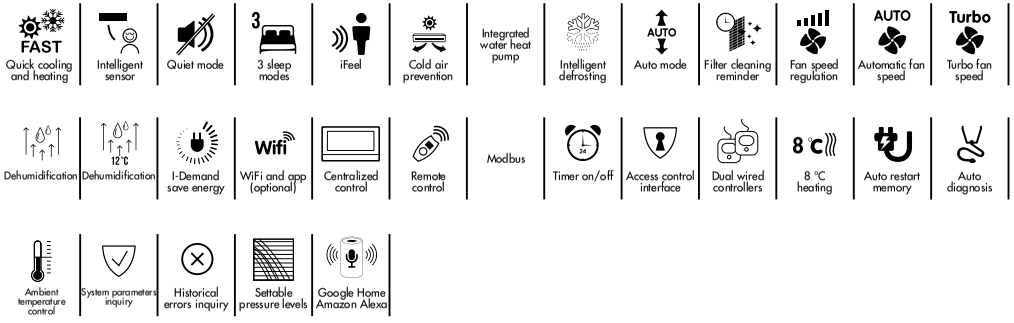


SWC58V (Optional)
398800183
Centralized controller up to 80 units (it requires wired controller)



EIXEGP (Optional)
398100683
Gateway Modbus

- High static pressure ducted units for light commercial/industrial applications.
- Suitable for shops, offices, meeting rooms, hotels, restaurants, clubs, gyms and open space areas.
- Compact in design, these units have depths of only 260 mm; the 71 and 85 models have a width of only 900 mm, which makes them easy to integrate even in buildings with small ceilings.
- The special design of the evaporating coil (V-shape), covered by a patent, favors a more effective exchange of air.
- The centrifugal fan is also characterized by a patented design and allows higher air flow and greater silence.
- The external static pressure reaches 200 Pa, with 9 selectable levels (models 140-160), according to different needs, ensuring maximum adaptability to different types of installation.
- The combination with the wired controller allows to optimize the external static pressure according to the different technical installation requirements.
- The condensate drain pump is integrated for a height difference of up to 1000 mm.
- You can choose between rear or bottom air intake.
- The DC motor ensures energy saving and high efficiency.
- Double room temperature sensor for a customizable comfort: possibility to select the sensor of return air temperature on the unit or of the sensor of temperature on the wired control.
- Connection to a fresh air intake from outdoors is possible.
- High energy efficiency, at all capacities, both in cooling and heating modes, especially with a view to operating 365 days a year (seasonal efficiency).
- The special closing system of the refrigerant valve prevents and excludes the risk of gas leaks due to inappropriate maintenance.
- Optional WiFi, with wired controller, accessory that can be ordered separately.



A++ Cooling

A+ Heating

TECHNICAL DATA-MATCHING WITH SLIM DUCTED UNITS

Indoor unit model		**ADG ECO PLUS 71PH**		**ADG ECO PLUS 85PH**	
Outdoor unit model		**AEG ECO PLUS 71PIH**		**AEG ECO PLUS 85PIH**	
	Units	Cooling	Heating	Cooling	Heating
Nominal (min.-max.) capacity (EN14511)	kW	7.10 (2.40-7.60)	8.00 (2.20-8.60)	8.50 (2.90-9.00)	8.80 (2.50-9.50)
	BTU/h	24200	27200	29000	30000
EER/COP (EN14511)		3.70	4.00	3.40	3.90
Design Load [Pdesign c/Pdesign h (Average)] (EN14825)*	kW	7.1	4.7	8.5	6.0
Seasonal efficiency ratio [SEER/SCOP (Average)] (EN14825)*		6.6	4.1	6.4	4.1
Energy efficiency class*		A++	A+	A++	A+
Seasonal energy consumption*	kWh/annum	377	1605	465	2049
Air flow rate Indoor (sh.-h.-m.-l.)	m^3/h	1100-1000-900-800		1400-1300-1100-1000	
Dehumidification	l/h	2.4		2.8	
Fan speeds (Indoor/Outdoor)	n°	4/2		4/2	
Sound pressure Indoor (sh.-h.-m.-l.)	dB(A)	37-35-33-31		43-41-39-37	
Sound pressure Outdoor (h.)	dB(A)	58		65	
Sound power Indoor (sh.-h.-m.-l.)	dB(A)	55-54-53-52		57-54-52-50	
Sound power Outdoor (h.)	dB(A)	69		70	
Power supply	V/Ph/Hz	220-240~/1/50/60		220-240~/1/50/60	
Nominal rated external static pressure	Pa	25		37	
Rated external static pressure (range)	Pa	0-160		0-160	
Power input	kW	1.92	2.00	2.50	2.25
Maximum electrical power input	kW/A	2.80/14.00		3.30/15.00	
Compressor type		Rotary DC Inverter		Rotary DC Inverter	
Refrigerant type/GWP		R32/675		R32/675	
Refrigerant charge	kg/T.CO_2 eq.	1.5/1.01		1.5/1.01	
Liquid pipe diameter	mm (inch)	9.52 (3/8")		9.52 (3/8")	
Gas pipe diameter	mm (inch)	15.88 (5/8")		15.88 (5/8")	
Pipe lenght with gas standard charge	m	5		5	
Max. pipe lenght with additional charge	m	50		50	
Additional refrigerant charge	g/m	20		20	
Max. height difference (Outdoor above)	m	25		25	
Max. height difference (Indoor above)	m	25		25	
Indoor net dimension (H./W./D.)	mm	260/900/655		260/900/655	
Outdoor net dimension (H./W./D.)	mm	660/889/340		660/889/340	
Net weight Indoor/Outdoor	kg	29.5/41.5		29.5/46	

OPERATING RANGE: outdoor temperature
Cooling mode: from -20 °C to +52 °C
Heating mode: from -20 °C to +24 °C
RANGE OF INDOOR TEMPERATURE ADJUSTMENT: from 16 to 30 °C.

*Data declared in compliance with EU Regulation no. 206/2012, as regards to Ecodesign requirements for air conditioners and comfort fans, and EU Regulation no. 626/2011, concerning the energy labelling of air conditioners, and tested according to standard EN14825.

TECHNICAL DATA

Indoor unit model		ADG ECO PLUS 100PH		ADG ECO PLUS 100PH	
Outdoor unit model		AEG ECO PLUS 100PIH		AEG ECO PLUS 100PIH3	
	Units	Cooling	Heating	Cooling	Heating
Nominal (min.-max.) capacity (EN14511)	kW	10.50 (3.20-11.00)	11.50 (3.00-12.50)	10.50 (3.20-11.00)	11.50 (3.00-12.50)
	BTU/h	35800	39200	35800	39200
EER/COP (EN14511)		3.50	4.10	3.50	4.10
Design Load [Pdesign c/Pdesign h (Average)] (EN14825)*	kW	10.5	7.0	10.5	7.0
Seasonal efficiency ratio [SEER/SCOP (Average)] (EN14825)*		6.4	4.2	6.4	4.2
Energy efficiency class*		A++	A+	A++	A+
Seasonal energy consumption*	kWh/annum	574	2333	574	2333
Air flow rate Indoor (sh.-h.-m.-l.)	m³/h	1700-1600-1400-1200		1700-1600-1400-1200	
Dehumidification	l/h	3.3		3.3	
Fan speeds (Indoor/Outdoor)	n°	4/2		4/2	
Sound pressure Indoor (sh.-h.-m.-l.)	dB(A)	39-38-37-36		39-38-37-36	
Sound pressure Outdoor (h.)	dB(A)	62		62	
Sound power Indoor (sh.-h.-m.-l.)	dB(A)	57-55-53-49		57-55-53-49	
Sound power Outdoor (h.)	dB(A)	70		70	
Power supply	V/Ph/Hz	220-240~/1/50/60		380-415~/3/50/60	
Nominal rated external static pressure	Pa	37		37	
Rated external static pressure (range)	Pa	0-160		0-160	
Power input	kW	3.00	2.80	3.00	2.80
Maximum electrical power input	kW/A	4.70/21.00		4.40/7.00	
Compressor type		Rotary DC Inverter		Rotary DC Inverter	
Refrigerant type/GWP		R32/675		R32/675	
Refrigerant charge	kg/T.CO_2 eq.	2.1/1.42		2.1/1.42	
Liquid pipe diameter	mm (inch)	9.52 (3/8")		9.52 (3/8")	
Gas pipe diameter	mm (inch)	15.88 (5/8")		15.88 (5/8")	
Pipe lenght with gas standard charge	m	5		5	
Max. pipe lenght with additional charge	m	75		75	
Additional refrigerant charge	g/m	20		20	
Max. height difference (Outdoor above)	m	30		30	
Max. height difference (Indoor above)	m	30		30	
Indoor net dimension (H./W./D.)	mm	260/1340/655		260/1340/655	
Outdoor net dimension (H./W./D.)	mm	820/940/370		820/940/370	
Net weight Indoor/Outdoor	kg	43/65		43/75	

OPERATING RANGE: outdoor temperature
Cooling mode: from -20 °C to +52 °C
Heating mode: from -20 °C to +24 °C
RANGE OF INDOOR TEMPERATURE ADJUSTMENT: from 16 to 30 °C.

*Data declared in compliance with EU Regulation no. 206/2012, as regards to Ecodesign requirements for air conditioners and comfort fans, and EU Regulation no. 626/2011, concerning the energy labelling of air conditioners, and tested according to standard EN14825.

Indoor unit model		ADG ECO PLUS 140PH		ADG ECO PLUS 140PH	
Outdoor unit model		AEG ECO PLUS 140PIH		AEG ECO PLUS 140PIH3	
	Units	Cooling	Heating	Cooling	Heating
Nominal (min.-max.) capacity (EN14511)	kW	13.40 (4.00-14.20)	15.50 (3.90-16.00)	13.40 (4.00-14.20)	15.50 (3.90-16.00)
	BTU/h	45700	52800	45700	52800
EER/COP (EN14511)		2.91	3.30	2.91	3.30
Rated capacity (Prated,c/Prated,h)*	kW	13.40	15.50	13.40	15.50
Seasonal space energy efficency (ηs,c/ηs,h)*		250.4	158.8	250.4	158.8
Air flow rate Indoor (sh.-h.-m.-l.)	m³/h	2200-2000-1730-1490		2200-2000-1730-1490	
Dehumidification	l/h	3.9		3.9	
Fan speeds (Indoor/Outdoor)	n°	4/2		4/2	
Sound pressure Indoor (sh.-h.-m.-l.)	dB(A)	43-42-40-38		43-42-40-38	
Sound pressure Outdoor (h.)	dB(A)	67		67	
Sound power Indoor (sh.-h.-m.-l.)	dB(A)	59-57-46-44		59-57-46-44	
Sound power Outdoor (h.)	dB(A)	75		75	
Power supply	V/Ph/Hz	220-240~/1/50/60		380-415~/3/50/60	
Nominal rated external static pressure	Pa	50		50	
Rated external static pressure (range)	Pa	0-160		0-160	
Power input	kW	4.60	4.70	4.60	4.70
Maximum electrical power input	kW/A	5.60/25.00		5.60/11.00	
Compressor type		Rotary DC Inverter		Rotary DC Inverter	
Refrigerant type/GWP		R32/675		R32/675	
Refrigerant charge	kg/T.CO_2 eq.	2.8/1.89		2.8/1.89	
Liquid pipe diameter	mm (inch)	9.52 (3/8")		9.52 (3/8")	
Gas pipe diameter	mm (inch)	15.88 (5/8")		15.88 (5/8")	
Pipe lenght with gas standard charge	m	7.5		7.5	
Max. pipe lenght with additional charge	m	75		75	
Additional refrigerant charge	g/m	35		35	
Max. height difference (Outdoor above)	m	30		30	
Max. height difference (Indoor above)	m	30		30	
Indoor net dimension (H./W./D.)	mm	300/1400/700		300/1400/700	
Outdoor net dimension (H./W./D.)	mm	820/940/370		820/940/370	
Net weight Indoor/Outdoor	kg	52/73		52/81	

OPERATING RANGE: outdoor temperature
Cooling mode: from -20 °C to +52 °C
Heating mode: from -20 °C to +24 °C
RANGE OF INDOOR TEMPERATURE ADJUSTMENT: from 16 to 30 °C.

*Data declared in accordance with COMMISSION REGULATION (EU) 2016/2281 of 30 November 2016 implementing Directive 2009/125/EC of the European Parliament and of the Council establishing a framework for the setting of ecodesign requirements for energy-related products, with regard to ecodesign requirements for air heating products, cooling products, high temperature process chillers and fan coil units.

TECHNICAL DATA

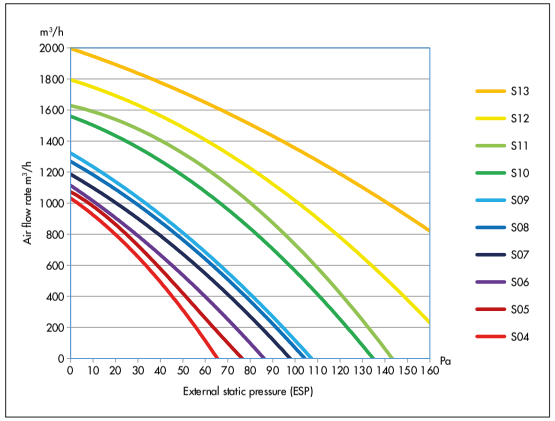
Indoor unit model		ADG ECO PLUS 160PH	
Outdoor unit model		AEG ECO PLUS 160PIH3	
	Units	Cooling	Heating
Nominal (min.-max.) capacity (EN14511)	kW	16.00 (4.80-17.00)	17.00 (4.50-18.00)
	BTU/h	54500	58000
EER/COP (EN14511)		2.96	3.62
Rated capacity (Prated,c/Prated,h)*	kW	16.00	17.00
Seasonal space energy efficency (ηs,c/ηs,h)*		234.4	151.0
Air flow rate Indoor (sh.-h.-m.-l.)	m³/h	2600-2300-2000-1700	
Dehumidification	l/h	4,6	
Fan speeds (Indoor/Outdoor)	n°	4/2	
Sound pressure Indoor (sh.-h.-m.-l.)	dB(A)	44-42-41-40	
Sound pressure Outdoor (h.)	dB(A)	60	
Sound power Indoor (sh.-h.-m.-l.)	dB(A)	70-67-55-54	
Sound power Outdoor (h.)	dB(A)	75	
Power supply	V/Ph/Hz	380-415~/3/50/60	
Nominal rated external static pressure	Pa	50	
Rated external static pressure (range)	Pa	0-200	
Power input	kW	5.40	4.70
Maximum electrical power input	kW/A	6.80/12.00	
Compressor type		Rotary DC Inverter	
Refrigerant type/GWP		R32/675	
Refrigerant charge	kg/T.CO_2 eq.	3.5/2.363	
Liquid pipe diameter	mm (inch)	9.52 (3/8")	
Gas pipe diameter	mm (inch)	15.88 (5/8")	
Pipe lenght with gas standard charge	m	7.5	
Max. pipe lenght with additional charge	m	75	
Additional refrigerant charge	g/m	35	
Max. height difference (Outdoor above)	m	30	
Max. height difference (Indoor above)	m	30	
Indoor net dimension (H./W./D.)	mm	300/1400/700	
Outdoor net dimension (H./W./D.)	mm	960/990/370	
Net weight Indoor/Outdoor	kg	55/94	

OPERATING RANGE: outdoor temperature
Cooling mode: from -20 °C to +52 °C
Heating mode: from -20 °C to +24 °C
RANGE OF INDOOR TEMPERATURE ADJUSTMENT: from 16 to 30 °C.

*Data declared in accordance with COMMISSION REGULATION (EU) 2016/2281 of 30 November 2016 implementing Directive 2009/125/EC of the European Parliament and of the Council establishing a framework for the setting of ecodesign requirements for energy-related products, with regard to ecodesign requirements for air heating products, cooling products, high temperature process chillers and fan coil units.

STATIC PRESSURE CURVES

ADG ECO PLUS 71PH - static pressure curves

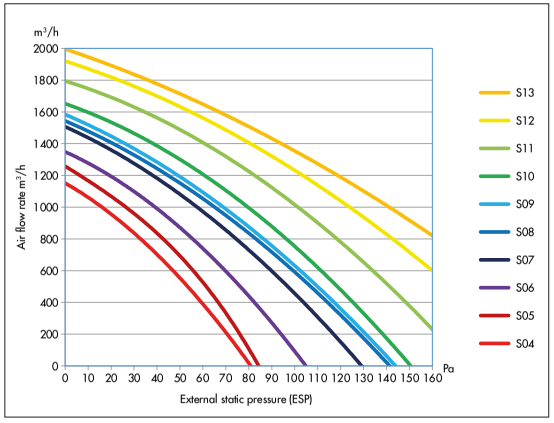


External static pressure	Turbo speed	High	Medium	Low
P1	S05	S03	S02	S01
P2	S06	S04	S03	S02
P3	S07	S05	S04	S03
P4	S08	S06	S05	S04
P5*	**S09**	**S07**	**S06**	**S05**
P6	S10	S08	S07	S06
P7	S11	S09	S08	S07
P8	S12	S10	S09	S08
P9	S13	S11	S10	S09

*Default static pressure level

The wired controller can be used to change the external static pressure (ESP) to turbo, high, medium and low fan speeds. 9 are the adjustable external static pressure levels.

ADG ECO PLUS 85PH - static pressure curves



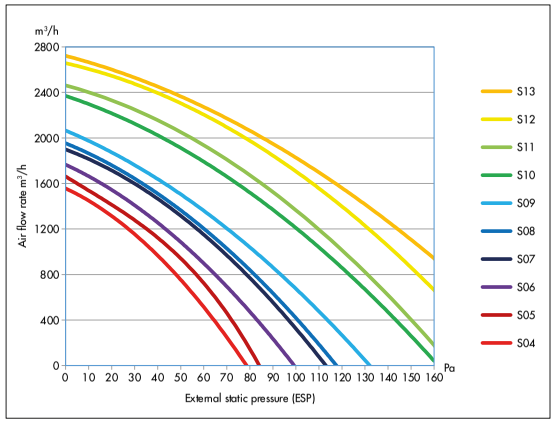
External static pressure	Turbo speed	High	Medium	Low
P1	S05	S03	S02	S01
P2	S06	S04	S03	S02
P3	S07	S05	S04	S03
P4	S08	S06	S05	S04
P5*	**S09**	**S07**	**S06**	**S05**
P6	S10	S08	S07	S06
P7	S11	S09	S08	S07
P8	S12	S10	S09	S08
P9	S13	S11	S10	S09

*Default static pressure level

The wired controller can be used to change the external static pressure (ESP) to turbo, high, medium and low fan speeds. 9 are the adjustable external static pressure levels.

STATIC PRESSURE CURVES

ADG ECO PLUS 100PH - static pressure curves

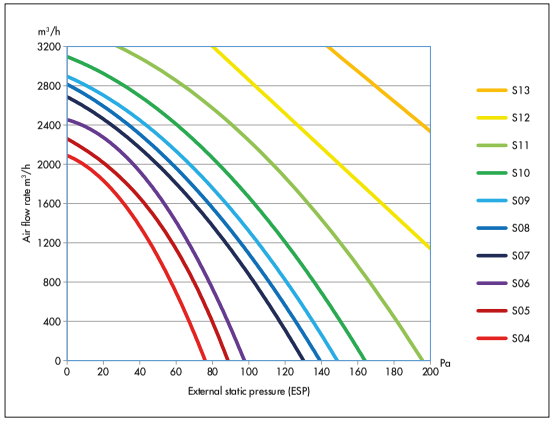


External static pressure	Turbo speed	High	Medium	Low
P1	S05	S03	S02	S01
P2	S06	S04	S03	S02
P3	S07	S05	S04	S03
P4	S08	S06	S05	S04
P5*	**S09**	**S07**	**S06**	**S05**
P6	S10	S08	S07	S06
P7	S11	S09	S08	S07
P8	S12	S10	S09	S08
P9	S13	S11	S10	S09

*Default static pressure level

The wired controller can be used to change the external static pressure (ESP) to turbo, high, medium and low fan speeds. 9 are the adjustable external static pressure levels.

ADG ECO PLUS 140PH - static pressure curves

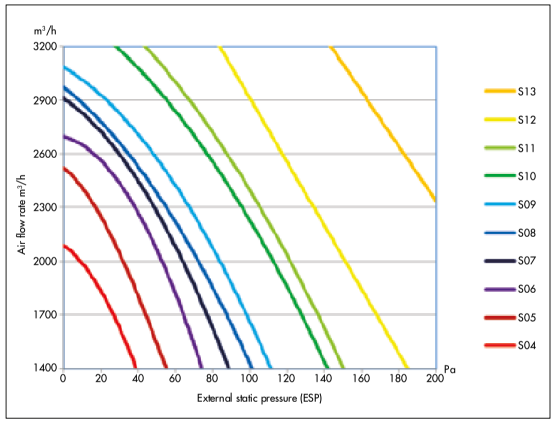


External static pressure	Turbo speed	High	Medium	Low
P1	S05	S03	S02	S01
P2	S06	S04	S03	S02
P3	S07	S05	S04	S03
P4	S08	S06	S05	S04
P5*	**S09**	**S07**	**S06**	**S05**
P6	S10	S08	S07	S06
P7	S11	S09	S08	S07
P8	S12	S10	S09	S08
P9	S13	S11	S10	S09

*Default static pressure level

The wired controller can be used to change the external static pressure (ESP) to turbo, high, medium and low fan speeds. 9 are the adjustable external static pressure levels.

ADG ECO PLUS 160PH - static pressure curves



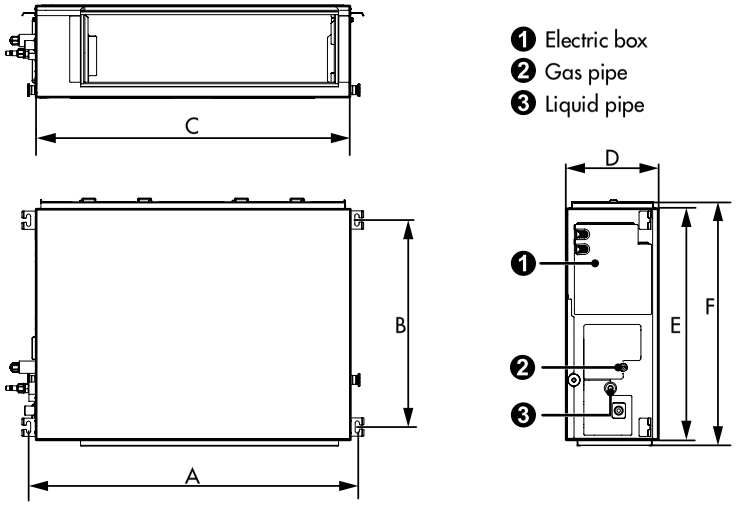
External static pressure	Turbo speed	High	Medium	Low
P1	S05	S03	S02	S01
P2	S06	S04	S03	S02
P3	S07	S05	S04	S03
P4	S08	S06	S05	S04
P5*	**S09**	**S07**	**S06**	**S05**
P6	S10	S08	S07	S06
P7	S11	S09	S08	S07
P8	S12	S10	S09	S08
P9	S13	S11	S10	S09

*Default static pressure level

The wired controller can be used to change the external static pressure (ESP) to turbo, high, medium and low fan speeds. 9 are the adjustable external static pressure levels.

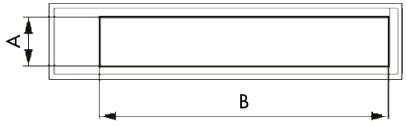
DIMENSIONAL DRAWINGS

INDOOR UNITS

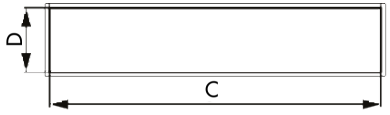


MODEL	DIMENSIONS (mm)					
	A	B	C	D	E	F
ADG ECO PLUS 71PH	942	590	900	260	655	692
ADG ECO PLUS 85PH						
ADG ECO PLUS 100PH	1381	585	1340	260	655	697
ADG ECO PLUS 140PH	1440	500	1400	300	700	754
ADG ECO PLUS 160PH						

SUPPLY AIR OUTLET/RETURN AIR INLET



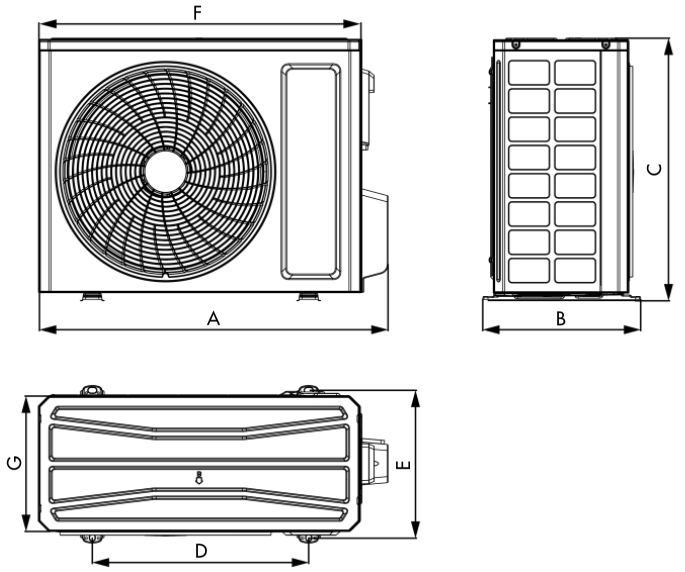
Supply air outlet



Return air inlet

MODEL	SUPPLY AIR OUTLET		RETURN AIR INLET	
	A	B	C	D
ADG ECO PLUS 71PH	215	740	871	234
ADG ECO PLUS 85PH	215	740	871	234
ADG ECO PLUS 100PH	215	1153	1188	220
ADG ECO PLUS 140PH	197	1151	1362	264
ADG ECO PLUS 160PH	197	1151	1362	264

OUTDOOR UNITS



MODEL	DIMENSIONS (mm)						
	A	B	C	D	E	F	G
AEG ECO PLUS 71PIH	958	402	660	570	371	889	340
AEG ECO PLUS 85PIH	958	402	660	570	371	889	340
AEG ECO PLUS 100PIH	1020	427	820	635	396	940	370
AEG ECO PLUS 100PIH3	1020	427	820	635	396	940	370
AEG ECO PLUS 140PIH	1020	427	820	635	396	940	370
AEG ECO PLUS 140PIH3	1020	427	820	635	396	940	370
AEG ECO PLUS 160PIH3	1020	427	960	755	396	990	370



FLOOR/CEILING

FLOOR/CEILING





IRC1F7C (Standard)
398100678
Infrared remote controller



SWC7AV (Optional)
398700039
Wired controller with WiFi

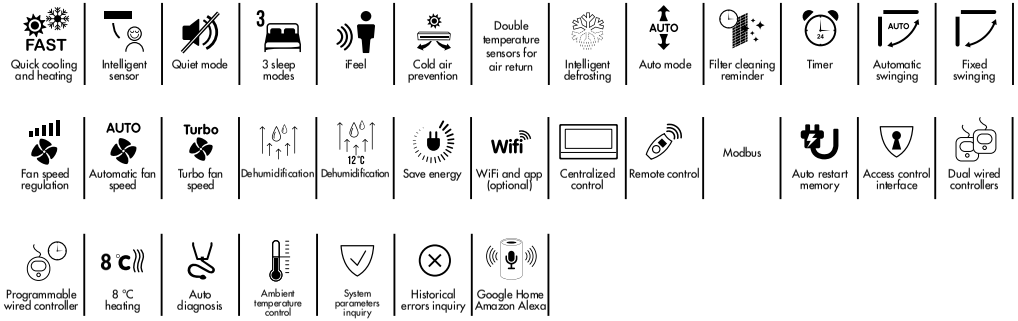


SWC58V (Optional)
398800183
Centralized controller up to 80 units (it requires wired controller)



EIXEGP (Optional)
398100683
Gateway Modbus

- Floor or ceiling units for light commercial/industrial applications
- Suitable for shops, offices, meeting rooms, hotels, restaurants, clubs, gyms and open space areas
- Compact structure: only 235 mm of thickness
- Double flap: when the unit is turned off, the air supply can be completely closed in order to prevent the entry of dust
- The wide oscillation angle of the flap allows the flow of horizontal air delivery (ceiling application): this excludes direct air flows on people in the environment
- There are 3 exit options for the connecting pipes, to facilitate installation in any circumstances
- The design of the electrical box side does not affect the return of air and facilitates maintenance
- They are equipped with a double room temperature sensor for customizable comfort: possibility of selecting the return air temperature sensor on the unit or the temperature sensor on the wired control
- High energy efficiency, at all powers expressed, both in cold and in heat, especially with a view to operating 365 days a year (seasonal efficiency)
- The special closing system of the refrigerant valve prevents and excludes the risk of gas leaks due to inappropriate maintenance.
- Optional WiFi, with wired control, accessory can be ordered separately.



A++ Cooling

A+ Heating

TECHNICAL DATA MATCHING WITH FLOOR CEILING UNITS

Indoor unit model		**ACG ECO PLUS 35PH**		**ACG ECO PLUS 50PH**	
Outdoor unit model		**AEG ECO PLUS 35PIH**		**AEG ECO PLUS 50PIH**	
	Units	Cooling	Heating	Cooling	Heating
Nominal (min.-max.) capacity (EN14511)	kW	3.50 (0.90-4.00)	4.00 (0.90-4.50)	5.30 (1.60-5.50)	5.60 (1.60-6.10)
	BTU/h	11900	13600	18000	19100
EER/COP (EN14511)		3.80	4.30	3.40	3.90
Design Load [Pdesign c/Pdesign h (Average)] (EN14825)*	kW	3.80	4.30	5.3	3.9
Seasonal efficiency ratio [SEER/SCOP (Average)] (EN14825)*		7.2	4.1	6.5	4.2
Energy efficiency class*		A++	A+	A++	A+
Seasonal energy consumption*	kWh/annum	170	1059	285	1300
Air flow rate Indoor (sh.-h.-m.-l.)	m^3/h	650-580-500-400		900-800-700-600	
Dehumidification	l/h	1.1		1.7	
Fan speeds (Indoor/Outdoor)	n°	4/2		4/2	
Sound pressure Indoor (sh.-h.-m.-l.)	dB(A)	39-36-32-28		41-40-38-36	
Sound pressure Outdoor (h.)	dB(A)	48		59	
Sound power Indoor (sh.-h.-m.-l.)	dB(A)	49-46-42-38		59-57-54-51	
Sound power Outdoor (h.)	dB(A)	56		65	
Power supply	V/Ph/Hz	220-240~/1/50/60		220-240~/1/50/60	
Power input	kW	0.92	0.93	1.56	1.44
Maximum electrical power input	kW/A	1.30/6.00		1.90/9.50	
Compressor type		Rotary DC Inverter		Rotary DC Inverter	
Refrigerant type/GWP		R32/675		R32/675	
Refrigerant charge	kg/T.CO_2 eq.	0.57/0.39		0.85/0.57	
Liquid pipe diameter	mm (inch)	6.35 (1/4")		6.35 (1/4")	
Gas pipe diameter	mm (inch)	9.52 (3/8")		12.70 (1/2")	
Min.max. pipe lenght with gas standard charge	m	3-5		3-5	
Max. pipe lenght with additional charge	m	30		30	
Additional refrigerant charge	g/m	16		16	
Max. height difference (Outdoor above)	m	15		20	
Max. height difference (Indoor above)	m	15		20	
Indoor net dimension (H./W./D.)	mm	665/870/235		665/870/235	
Outdoor net dimension (H./W./D.)	mm	553/675/285		555/745/300	
Net weight Indoor/Outdoor	kg	24/24.5		25/30.5	

OPERATING RANGE: outdoor temperature
Cooling mode: from -20 °C to +52 °C
Heating mode: from -20 °C to +24 °C
RANGE OF INDOOR TEMPERATURE ADJUSTMENT: from 16 to 30 °C.

*Data declared in compliance with EU Regulation no. 206/2012, as regards to Ecodesign requirements for air conditioners and comfort fans, and EU Regulation no. 626/2011, concerning the energy labelling of air conditioners, and tested according to standard EN14825.

TECHNICAL DATA

Indoor unit model		ACG ECO PLUS 71PH		ACG ECO PLUS 85PH	
Outdoor unit model		AEG ECO PLUS 71PIH		AEG ECO PLUS 85PIH	
	Units	Cooling	Heating	Cooling	Heating
Nominal (min.-max.) capacity (EN14511)	kW	7.10 (2.40-7.60)	7.70 (2.20-8.40)	8.50 (2.90-9.00)	8.80 (2.50-9.50)
	BTU/h	24200	26200	29000	30000
EER/COP (EN14511)		3.70	4.00	3.40	3.90
Design Load [Pdesign c/Pdesign h (Average)] (EN14825)*	kW	7.1	4.7	8.5	6.0
Seasonal efficiency ratio [SEER/SCOP (Average)] (EN14825)*		7.2	4.3	6.8	4.5
Energy efficiency class*		A++	A+	A++	A+
Seasonal energy consumption*	kWh/annum	345	1530	438	1867
Air flow rate Indoor (sh.-h.-m.-l.)	m^3/h	1250-1100-1000-900		1400-1300-1200-1000	
Dehumidification	l/h	2.4		2.8	
Fan speeds (Indoor/Outdoor)	n°	4/2		4/2	
Sound pressure Indoor (sh.-h.-m.-l.)	dB(A)	41-39-37-35		46-45-43-39	
Sound pressure Outdoor (h.)	dB(A)	55		57	
Sound power Indoor (sh.-h.-m.-l.)	dB(A)	54-53-50-47		62-60-56-52	
Sound power Outdoor (h.)	dB(A)	69		70	
Power supply	V/Ph/Hz	220-240~/1/50/60		220-240~/1/50/60	
Power input	kW	2.03	1.95	2.50	2.25
Maximum electrical power input	kW/A	2.80/14.00		3.30/15.00	
Compressor type		Rotary DC Inverter		Rotary DC Inverter	
Refrigerant type/GWP		R32/675		R32/675	
Refrigerant charge	kg/T.CO_2 eq.	1.5/1.01		1.5/1.01	
Liquid pipe diameter	mm (inch)	9.52 (3/8")		9.52 (3/8")	
Gas pipe diameter	mm (inch)	15.88 (5/8")		15.88 (5/8")	
Min.-max. pipe lenght with gas standard charge	m	3-5		3-5	
Max. pipe lenght with additional charge	m	30		30	
Additional refrigerant charge	g/m	20		20	
Max. height difference (Outdoor above)	m	20		25	
Max. height difference (Indoor above)	m	20		25	
Indoor net dimension (H./W./D.)	mm	665/1200/235		665/1200/235	
Outdoor net dimension (H./W./D.)	mm	660/889/340		660/889/340	
Net weight Indoor/Outdoor	kg	31/41.5		32/46	

OPERATING RANGE: outdoor temperature
Cooling mode: from -20 °C to +52 °C
Heating mode: from -20 °C to +24 °C
RANGE OF INDOOR TEMPERATURE ADJUSTMENT: from 16 to 30 °C.

*Data declared in compliance with EU Regulation no. 206/2012, as regards to Ecodesign requirements for air conditioners and comfort fans, and EU Regulation no. 626/2011, concerning the energy labelling of air conditioners, and tested according to standard E N14825.

Indoor unit model		ACG ECO PLUS 100PH		ACG ECO PLUS 100PH	
Outdoor unit model		AEG ECO PLUS 100PIH		AEG ECO PLUS 100PIH3	
	Units	Cooling	Heating	Cooling	Heating
Nominal (min.-max.) capacity (EN14511)	kW	10.00 (3.20-11.00)	11.50 (3.00-12.50)	10.00 (3.20-11.00)	11.50 (3.00-12.50)
	BTU/h	34100	39200	34100	39200
EER/COP (EN14511)		3.40	3.90	3.40	3.90
Design Load [Pdesign c/Pdesign h (Average)] (EN14825)*	kW	10.0	7.0	10.0	7.0
Seasonal efficiency ratio [SEER/SCOP (Average)] (EN14825)*		6.3	4.2	6.3	4.2
Energy efficiency class*		A++	A+	A++	A+
Seasonal energy consumption*	kWh/annum	556	2333	556	2333
Air flow rate Indoor (sh.-h.-m.-l.)	m^3/h	1600-1500-1400-1200		1600-1500-1400-1200	
Dehumidification	l/h	3.3		3.3	
Fan speeds (Indoor/Outdoor)	n°	4/2		4/2	
Sound pressure Indoor (sh.-h.-m.-l.)	dB(A)	48-46-45-43		48-46-45-43	
Sound pressure Outdoor (h.)	dB(A)	55		55	
Sound power Indoor (sh.-h.-m.-l.)	dB(A)	65-63-61-59		65-63-61-59	
Sound power Outdoor (h.)	dB(A)	70		70	
Power supply	V/Ph/Hz	220-240~/1/50/60		380-415~/3/50/60	
Power input	kW	2.94	2.95	2.94	2.95
Maximum electrical power input	kW/A	4.70/21.00		4.40/7.00	
Compressor type		Rotary DC Inverter		Rotary DC Inverter	
Refrigerant type/GWP		R32/675		R32/675	
Refrigerant charge	kg/T.CO_2 eq.	2.10/1.42		2.1/1.42	
Liquid pipe diameter	mm (inch)	9.52 (3/8")		9.52 (3/8")	
Gas pipe diameter	mm (inch)	15.88 (5/8")		15.88 (5/8")	
Min.-max. pipe lenght with gas standard charge	m	5-7		5-7	
Max. pipe lenght with additional charge	m	75		75	
Additional refrigerant charge	g/m	20		20	
Max. height difference (Outdoor above)	m	30		30	
Max. height difference (Indoor above)	m	30		30	
Indoor net dimension (H./W./D.)	mm	665/1200/235		665/1200/235	
Outdoor net dimension (H./W./D.)	mm	820/940/370		820/940/370	
Net weight Indoor/Outdoor	kg	32/65		32/75	

OPERATING RANGE: outdoor temperature
Cooling mode: from -20 °C to +52 °C
Heating mode: from -20 °C to +24 °C
RANGE OF INDOOR TEMPERATURE ADJUSTMENT: from 16 to 30 °C.

*Data declared in compliance with EU Regulation no. 206/2012, as regards to Ecodesign requirements for air conditioners and comfort fans, and EU Regulation no. 626/2011, concerning the energy labelling of air conditioners, and tested according to standard EN14825.

TECHNICAL DATA

Indoor unit model		ACG ECO PLUS 140PH		ACG ECO PLUS 140PH	
Outdoor unit model		AEG ECO PLUS 140PIH		AEG ECO PLUS 140PIH3	
	Units	Cooling	Heating	Cooling	Heating
Nominal capacity (min.-max.) (EN14511)	kW	13.40 (4.00-14.20)	15.50 (3.90-16.00)	13.40 (4.00-14.20)	15.50 (3.90-16.00)
	BTU/h	45700	52800	45700	52800
EER/COP (EN14511)		3.12	3.69	3.12	3.52
Rated capacity (Prated,c/Prated,h)*		13.40	15.50	13.40	15.50
Seasonal space energy efficency (ηs,c/ηs,h)*	%	254.7	163.6	253.0	158.2
Air flow rate Indoor (sh.-h.-m.-l.)	m³/h	2300-2100-1800-1500		2300-2100-1800-1500	
Dehumidification	l/h	3.9		3.9	
Fan speeds (Indoor/Outdoor)	n°	4/2		4/2	
Sound pressure Indoor (sh.-h.-m.-l.)	dB(A)	51-48-45-43		51-48-45-43	
Sound pressure Outdoor (h.)	dB(A)	59		59	
Sound power Indoor (sh.-h.-m.-l.)	dB(A)	67-65-63-59		67-65-63-59	
Sound power Outdoor (h.)	dB(A)	70		70	
Power supply	V/Ph/Hz	220-240~/1/50/60		380-415~/3/50/60	
Power input	kW	4.30	4.20	4.30	4.40
Maximum electrical power input	kW/A	5.60/25.00		5.60/11.00	
Compressor type		Rotary DC Inverter		Rotary DC Inverter	
Refrigerant type/GWP		R32/675		R32/675	
Refrigerant charge	kg/T.CO_2 eq.	2.8/1.89		2.8/1.89	
Liquid pipe diameter	mm (inch)	9.52 (3/8")		9.52 (3/8")	
Gas pipe diameter	mm (inch)	15.88 (5/8")		15.88 (5/8")	
Min.-max. pipe lenght with gas standard charge	m	7.5-9.5		7.5-9.5	
Max. pipe lenght with additional charge	m	75		75	
Additional refrigerant charge	g/m	35		35	
Max. height difference (Outdoor above)	m	30		30	
Max. height difference (Indoor above)	m	30		30	
Indoor net dimension (H./W./D.)	mm	665/1570/235		665/1570/235	
Outdoor net dimension (H./W./D.)	mm	820/940/460		820/940/460	
Net weight Indoor/Outdoor	kg	42/73		42/95	

OPERATING RANGE: outdoor temperature
Cooling mode: from -20 °C to +52 °C
Heating mode: from -20 °C to +24 °C
RANGE OF INDOOR TEMPERATURE ADJUSTMENT: from 16 to 30 °C.

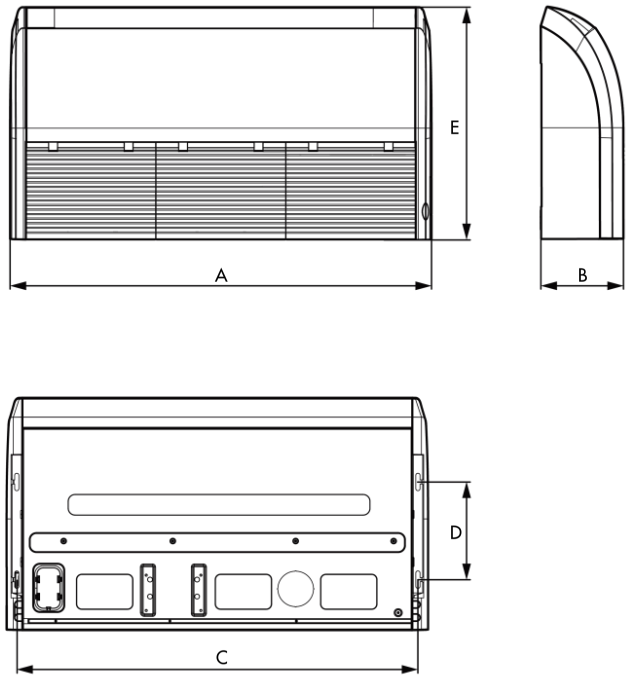
*Data declared in accordance with COMMISSION REGULATION (EU) 2016/2281 of 30 November 2016 implementing Directive 2009/125/EC of the European Parliament and of the Council establishing a framework for the setting of ecodesign requirements for energy-related products, with regard to ecodesign requirements for air heating products, cooling products, high temperature process chillers and fan coil units.

Indoor unit model		ACG ECO PLUS 160PH	
Outdoor unit model		AEG ECO PLUS 160PIH3	
	Units	Cooling	Heating
Nominal (min.-max.) capacity (EN14511)	kW	16.00 (4.80-17.00)	17.00 (4.50-18.00)
	BTU/h	54500	58000
EER/COP (EN14511)		3.02	3.54
Rated capacity (Prated,c/Prated,h)*		16.0	17.0
Seasonal space energy efficency (ηs,c/ηs,h)*	%	235.5	153.9
Air flow rate Indoor (sh.-h.-m.-l.)	m³/h	2400-2200-1900-1600	
Dehumidification	l/h	4.8	
Fan speeds (Indoor/Outdoor)	n°	4/2	
Sound pressure Indoor (sh.-h.-m.-l.)	dB(A)	54-49-48-44	
Sound pressure Outdoor (h.)	dB(A)	60	
Sound power Indoor (sh.-h.-m.-l.)	dB(A)	68-66-62-58	
Sound power Outdoor (h.)	dB(A)	75	
Power supply	V/Ph/Hz	380-415~/3/50/60	
Power input	kW	5.40	5.40
Maximum electrical power input	kW/A	6.80/12.00	
Compressor type		Rotary DC Inverter	
Refrigerant type/GWP		R32/675	
Refrigerant charge	kg/T.CO_2 eq.	3.5/2.363	
Liquid pipe diameter	mm (inch)	9.52 (3/8")	
Gas pipe diameter	mm (inch)	15.88 (5/8")	
Min.-max. pipe lenght with gas standard charge	m	7.5-9.5	
Max. pipe lenght with additional charge	m	75	
Additional refrigerant charge	g/m	35	
Max. height difference (Outdoor above)	m	30	
Max. height difference (Indoor above)	m	30	
Indoor net dimension (H./W./D.)	mm	665/1570/235	
Outdoor net dimension (H./W./D.)	mm	960/990/370	
Net weight Indoor/Outdoor	kg	42/94	

OPERATING RANGE: outdoor temperature
Cooling mode: from -20 °C to +52 °C
Heating mode: from -20 °C to +24 °C
RANGE OF INDOOR TEMPERATURE ADJUSTMENT: from 16 to 30 °C.

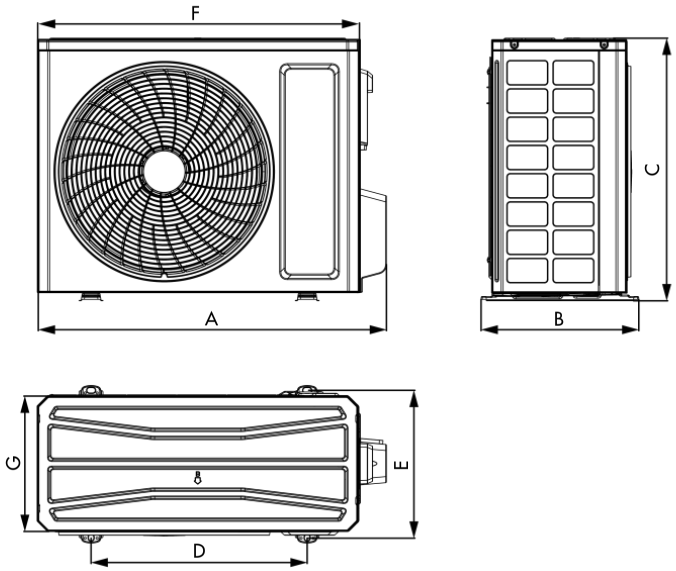
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INDOOR UNITS DIMENSIONAL DRAWING



MODEL	DIMENSIONS (mm)				
	A	B	C	D	E
ACG ECO PLUS 35PH	870	235	812	280	665
ACG ECO PLUS 50PH	870	235	812	280	665
ACG ECO PLUS 71PH	1200	235	1142	280	665
ACG ECO PLUS 85PH	1200	235	1142	280	665
ACG ECO PLUS 100PH	1200	235	1142	280	665
ACG ECO PLUS 140PH	1570	235	1512	280	665
ACG ECO PLUS 160PH	1570	235	1512	280	665

OUTDOOR UNITS DIMENSIONAL DRAWING



MODEL	DIMENSIONS (mm)						
	A	B	C	D	E	F	G
AEG ECO PLUS 35PIH	732	330	553	455	310	675	285
AEG ECO PLUS 50PIH	802	350	555	512	331	745	300
AEG ECO PLUS 71PIH	958	402	660	570	371	889	340
AEG ECO PLUS 85PIH	958	402	660	570	371	889	340
AEG ECO PLUS 100PIH	1020	427	820	635	396	940	370
AEG ECO PLUS 100PIH3	1020	427	820	635	396	940	370
AEG ECO PLUS 140PIH	1020	427	820	635	396	940	370
AEG ECO PLUS 140PIH3	1020	427	820	635	396	940	370
AEG ECO PLUS 160PIH3	1020	427	960	755	396	990	370