

ANDE



Air conditioning catalogue 2020



Get to know us better !

ANDE air conditioners are characterized by the highest quality of workmanship, attention to every detail and design. Our devices are designed by renowned design offices from Japan. Production of equipment is based on components from leading manufacturers: Hitachi, Mitsubishi Motors, Toshiba, LG, Nichicon, GMCC, Highly, Zhipu, Renesas, Welling, and manufactured in the most advanced air conditioning factories.

ANDE air conditioners are not only for cooling, but also for giving us comfort on hot days, but above all to take care of our health, improving air quality through an advanced system of **COLD PLASMA** ionization, as well as a wide selection of filters: **PM 2.5**, with vitamin C, or Silver Ion. The devices are also super quiet, which provides highest comfort of use.

ANDE is looking ahead and is aware of necessity in taking care of our planet, that's why the devices are produced in ECO technology, using the latest R32 refrigerant, which is environmentally friendly. Devices are characterized by high energy class A++, which directly lowers operating costs and CO₂ emissions.

We achieve the highest quality of devices thanks to restrictive and multi-stage quality control of every single unit, which can be confirmed by our failure-free statistics.

3 years warranty will allow stress-free exploitation of device. Even in the most severe conditions.



One of the biggest factories in the world

- Over 25 years of experience
- Highly advanced production process
- Highest quality components
- Pre-sales quality control
- Fulfilled EU requirements and standards



Award-winning producer



Index:

- 02 About us
- 04 Functions and technological solutions - part 1
- 06 Functions and technological solutions - part 2
- 08 BASIC Series - functions
- 10 BASIC Series - parameters
- 12 JUPITER Series - functions
- 14 JUPITER Series - parameters
- 16 CUBE Series - portable air conditioner
- 18 CASSETTE type air conditioner - functions
- 20 CASSETTE type air conditioner - parameters
- 22 DUCT type air conditioner - functions
- 24 DUCT type air conditioner - parameters
- 26 CEILING&FLOOR type air conditioner - functions
- 28 CEILING&FLOOR type air conditioner - parameters
- 30 LCAC Outdoor units
- 32 MULTISPLIT Outdoor units
- 33 MULTISPLIT - Combinations
- 34 MULTISPLIT - Wallmounted indoor units
- 36 MULTISPLIT - Cassette indoor units
- 38 Technology
- 40 Contact



CLASS A++

The energy class is important information about energy consumption and energy efficiency of the device. It is a key information for a end user.

Regulations oblige suppliers to place on products labels containing the exact energy class designation.

The classification means that, for example, class A air conditioner consumes about 10 percent less energy than class B device.

All ANDE devices have A ++ energy class.



R32 REFRIGERANT

ANDE air conditioners work on new ecological refrigerant R32, which characterizes with higher energetic efficiency and safety.

Additionally:

- less toxic
- do not destroy Earth ozone layer
- low greenhouse effect factor

3 YEARS WARRANTY

ANDE creates products that fuse high quality with functionality. Our motto is "It is key to keep our customer satisfied". Besides design, we focus on the quality of our products.

It is crucial that our customers feel safe and confident about their purchase throughout many years. Low failure rate of our products lead us to extension warranty to 3 years, which greatly increases satisfaction of our customers.



SUPER QUIET

ANDE air conditioners are of the quietest units in the market. Volume of the indoor units is only 20 dB – It's like a tree leaves in the wind ! It allows You to work or relax in the highest comfort.

19dB(A)

ANDE
AIR CONDITIONER

50dB(A) Office

40dB(A) Library

30dB(A) Bedroom

WIFI MODULE

ANDE air conditioners are equipped with a WiFi module or are WiFi ready (BASIC, LCAC, Multisplit). Devices connect itself to smart terminal which allows to remotely control your device even outside of your home network.

REMOTE CONTROL

User can control devices remotely, regardless of place.

FAILURE CHECK

Module checks if device works correctly. In case of failure, the failure code will be shown in your app.

SLEEP CURVE

An original system that allows you to control your device while you sleep, ensuring highest quality of Your sleep.

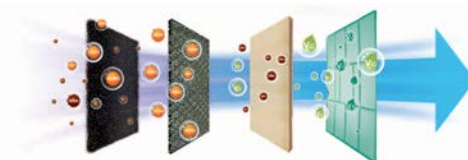
MULTI-CONTROL TERMINAL

App allows remote control of multiple devices as well, as one device can be controlled via many independent apps.



AIR QUALITY

All ANDE air conditioners as a standard have installed honeycomb air filter in order to catch the basic dust and dirt. The Jupiter series has been additionally factory fitted with a PM 2.5 filter that removes 99.9% of impurities. For everyone who wants their surroundings to be additionally protected, ANDE brand has adapted air conditioners to install one of four additional filters:



ACTIVE CARBON

Carbon has strong absorption properties, it means that all the unpleasant smells and harmful substances are quickly removed from your air



FILTR 3 IN 1

Destroys most of the germs and bacteria. Effectively stops dust and microbes in it.



VITAMIN C FILTER

Filter emits vitamin C into the air, which is absorbed by human skin, inhibits the skin aging process and supports the circulatory system



SILVER ION FILTER

Silver ions have great capability of reducing fungi and bacteria, thanks to penetration of the internal structure of microbial cells, causing their neutralization.



DISTANT AIR FLOW

ANDE air conditioners airflow reach even 15m, which is one of the best results in the market.



COLD PLASMA IONIZER

Nowadays fresh and clean air is one of the most significant parameter for modern society. Ionizer removes bad smells, and toxic substances from the air through ions that come into reaction with particles.

24 HOURS PROGRAMMING

ANDE air conditioners allow programming working hours up to 24 hours ahead. Additional functions allow setting of working modes, air flow setup, as well as programming of temperature and positions of the fin.



LED DISPLAY

Temperature setting is displayed on air conditioner front panel in discreet way. Display brightness is adjusted to light intensity in the room, which guarantees full comfort.

DISPLAY OFF FUNCTION

This function allows turning off of the display on the air conditioner ensuring high comfort and good night sleep.

FAST COOLING/HEATING

These are key parameters for an end user. ANDE brand made sure that full cooling power is reached after 30 seconds, and full heating power after 60 seconds which guarantees immediate comfort for everyone in the room.



COMPACT DIMENSIONS

Through its compact design air conditioner will fit Your surroundings and will not loose its performance. Such small indoor unit dimensions make it one of the smallest air conditioner in the market. ANDE air conditioners will fit the smallest spaces.

QUIET IN THE NIGHT

Are You afraid of noisy air conditioner during your sleep? Do not worry. ANDE air conditioners have sleep mode which will ensure full comfort during your rest time. The first two hours after activating the function, air conditioner in cooling mode will raise the setting of temperature by 1° C, and then keep the temperature constant for the next 6 hours. Similarly, in heating mode, it will lower the setting of temperature by 1° C, and then keep the temperature constant for the next 6 hours.

After 7 hours of operation in this mode, the air conditioner will turn off automatically.



SELF CLEAN

All of the ANDE air conditioners have implemented self clean procedure, which effectively reduces bad smells, bacteria and ensures clean air in your surroundings. Self clean procedure starts automatically. This function also has an impact on devices since it ensures longer, failure-free work.



BASIC

BEST PRICE-QUALITY COMBINATION

COMPACT DIMENSIONS

Through its compact design air conditioner will fit Your surroundings and will not lose its performance. Such small indoor unit dimensions make it one of the smallest air conditioners in the market. ANDE air conditioners will fit the smallest spaces.



SUPER QUIET

ANDE Basic series is one of the quietest air conditioners in the market - only 20 dB(A)

20dB(A)

ANDE BASIC
AIR CONDITIONER

50dB(A) Office

40dB(A) Library

30dB(A) Bedroom

WIFI READY

Unit is ready to expand its functionality by adding WiFi module. It allows You to control air conditioner from every place You want, even outside your home.



LED DISPLAY

Temperature setting is displayed on air conditioner front panel in discreet way. Display brightness is adjusted to light intensity in the room, which guarantees full comfort.

DISPLAY OFF FUNCTION

This function allows turning off of the display on the air conditioner ensuring high comfort and good night sleep.

BASIC

WALL MOUNTED SPLIT TYPE



Model Basic is a standard unit of the ANDE brand. It combines best quality, functionality at a great price. Device uses ecological R32 refrigerant, has silence mode, A++ energy class and compact dimensions. Capacity available from 2,5kW to 7,0kW

A++

R32

**3 YEARS
WARRANTY**

SUPER QUIET



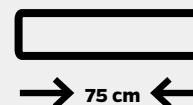
One of the quietest units in the market. Volume of the indoor units is only 20 dB – It's like a tree leaves in the wind ! It allows You to work or relax in the highest comfort.

WIFI READY



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COMPACT DIMENSIONS



Through its compact design air conditioner will fit Your surroundings and will not loose its performance. Such small indoor unit dimensions make it one of the smallest air conditioner in the market.



AUTO RESTART



TIMER



AUTO CLEAN



SLEEP MODE



ANTI-FUNGUS



ANTI COLD AIR



0,5 W STANDBY



DC INVERTER



AUTO DIAGNOSIS



DEHUMIDIFICATION



HYDROPHOBIC
ALUMINIUM LAMELS



ANTI RUST
CASING



SUPER EMC



QUICK
COOLING/HEATING



WIFI READY
(OPTION)



R32



MULTI FUNCTION
CONTROLLER



LED DISPLAY



I FEEL



HONEYCOMB
FILTER



TURBO MODE



SILENCE MODE



COOLING MODE/
HEATING MODE

SPECIFICATION

				AND-H09/FAR32	AND-H012/FAR32	AND-H018/FAR32	AND-H024/FAR32
EFFECTIVENESS	Capacity	Cooling (min. -max.)	W	2600(500~2900)	3500(800~3500)	5250(1200~5400)	7000(1400~7300)
		Heating (min. -max.)	W	2800(500~3100)	3500(1000~3600)	5500(1200~5800)	7000(900~7100)
	Input	Cooling	W	800	1090	1660	2200
		Heating	W	750	970	1490	1960
	Current	Cooling	A	3,56	4,82	7,35	9,75
		Heating	A	3,32	4,28	6,6	8,67
	Max. Input Power		kW	1,5	1,9	2,9	3,7
	Max. Input Current		A	8	9,5	12	16
	Cooling	SEER	W/W	6,15	6,1	6,57	6,89
		Energy class		A++	A++	A++	A++
		Annual energy consumption	kWh/year	149	184	283	341
	Heating	SCOP	W/W	4,1	4,07	4,02	4,11
		Energy class		A+	A+	A+	A+
		Annual energy consumption	kWh/year	752	826	1535	1940
IU	Dimensions width/height/depth		mm	750x285x200	750x285x200	900x310x225	1082x330x233
	Fan efficiency turbo/hi/med/lo/silent		m³/h	560/397/327/287/220	560/397/327/287/220	850/756/670/541/376	1150/993/854/727/627
	Sound pressure turbo/hi/med/lo/silent in dB		dB(A)	32/29/26/22/20	34/30/28/23/20	40/32/29/26/22	38/35/32/30/23
	Sound power turbo/hi/med/lo/silent in dB		dB(A)	41/37/33/29/22	42/38/35/32/27	46/42/38/34/26	46/42/39/35/25
	Weight net		kg	7,5	8	12	15
OU	Dimensions width/height/depth		mm	730x545x285	730x545x285	800x545x315	900x700x350
	Dimensions of foot mounts		mm	540x280	540x280	545x315	535x350
	Sound pressure		dB(A)	40	42	43	43
	Sound power		dB(A)	46	48	52	53
	Weight net		kg	25	25	35	45
	Refrigerant			R32	R32	R32	R32
	Refrigerant Quantity		g	530g	600g	1280g	1440g
	Additional amount of refrigerant to add in installation above 5m		g/mb	20	20	20	30
RECOMMENDED TEMPERATURE WORKING	Cooling min. - max.		°C	-7 ~ 47	-7 ~ 47	-7 ~ 47	-7 ~ 47
	Heating min. - max.		°C	-15 ~ 32	-15 ~ 32	-15 ~ 32	-15 ~ 32
INSTALLATION PIPES	Liquid		mm	6,35(1/4")	6,35(1/4")	6,35(1/4")	6,35(1/4")
	Gas		mm	9,52(3/8")	9,52(3/8")	12,7(1/2")	15,88(5/8")
	Max. height difference between OU and IU		m	10	10	10	15
	Max. Installation length		m	20	20	20	25
Rated Voltage and Frequency			V-Ph-Hz	220-1-50	220-1-50	220-1-50	220-1-50
Power cable cores quantity		to OU	gty x mm²	3x1,5	3x1,5	3x1,5	3x2,5
Communication cable cores quantity		from OU to IU	gty x mm²	5x1,5	5x1,5	5x1,5	5x1,5
Circuit breaker rated current			A	C10	C10	C16	C16
Condensate pipe diameter(Φ) in mm			mm	16	16	16	16

ACCESSORIES

STANDARD:

REMOTE
CONTROLLER

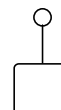
OPTIONAL:



FILTERS

- active carbon filter
- pm 2,5 filter
- 3in1 filter
- vitamin C filter
- silver ion filter

WIFI MODULE





JUPITER

Best choice!
WIFI 2.0, Ionizer, PM 2.5 filter and High Density.
Live without compromises!

IONIZER (COLD PLASMA)

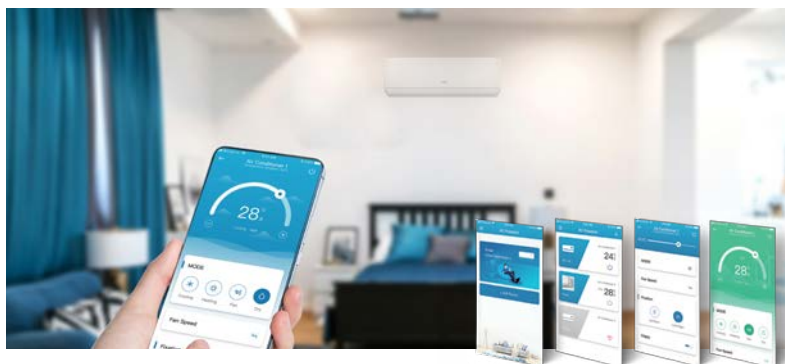
Nowadays fresh and clean air is one of the most significant parameter for modern society. Ionizer removes bad smells, and toxic substances from the air through ions that come into reaction with particles.



WIFI 2.0

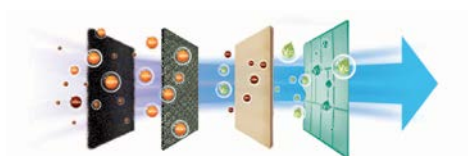
ANDE JUPITER is equipped with new type of WiFi module - WiFi 2.0. It connects itself to smart terminal which allows to remotely control your device even outside of your home network.

You can find more information on page 5



PM 2.5 FILTER

Equipped with PM2.5 filter, which removes 99,9% of air pollution. There is a possibility of montage additional filters such as: active carbon, 3in1, vitamin C and silver ion.



GOLDEN FINNS

Heat exchanger both in indoor and outdoor units are covered by golden coating, which has a positive effect on the life of the device, and also increases corrosion resistance, and prevents the growth of bacteria and fungi.



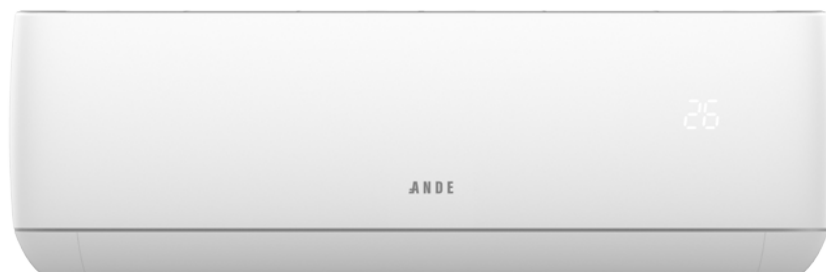
DISTANT AIRFLOW

ANDE air conditioners airflow reach even 15m, which is one of the best results in the market



JUPITER

WALL MOUNTED SPLIT TYPE



Model JUPITER is the high class units in matt stylish design. Air conditioner can be controlled via wireless controller or via WiFi module. Units power consumption in standby mode is only 0.3W, the lowest volume – only 19dB. JUPITER is equipped with the most advanced anti dust high density filter, PM2.5 filter and new type Cold Plasma Ionizer. Jupiter also handles the most extreme outside conditions – it can work at -20dg. C in heating mode. The device can be additionally equipped with filters.

A++

R32

**3 YEARS
WARRANTY**

EVEN QUIETER



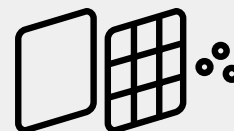
One of the quietest units in the market. Volume of the indoor units is only 19 dB – It's like a tree leaves in the wind! It allows You to work or relax in full comfort.

WIFI 2.0



- Built-in WiFi module
- Remote control through Your mobile devices
- Weekly settings programming
- Auto diagnosis

HIGH DENSITY FILTER + PM 2.5 FILTER



Equipped with PM2.5 filter, which removes 99,9% of air pollution. Optional filters: Active Carbon, 3in1, Vitamin C and Silver Ion filter.



AUTO RESTART



TIMER



AUTO CLEAN



SLEEP MODE



ANTI-FUNGUS



ANTI-COLD-AIR
FUNCTION



0,5 W STANDBY



DC INVERTER



AUTO DIAGNOSIS



DEHUMIDIFICATION



HYDROPHOBIC
ALUMINIUM LABELS



ANTI RUST
CASING



SUPER EMC



QUICK
COOLING/HEATING



WIFI 2.0



R32



MULTIFUNCTIONAL
REMOTE CONTROLLER



LED DISPLAY



I FEEL



HIGH DENSITY
FILTER + PM 2.5 FILTER



TURBO MODE



SILENCE MODE



COOLING/HEATING
MODE



LOW POWER
CONSUMPTION
ON STANDBY



GOLDEN FINS



LOW TEMP.
WORKING
CONDITIONS.



COLD PLASMA
IONIZER

SPECIFICATION

Model				AND-H09/JAR32	AND-H012/JAR32	AND-H018/JAR32	AND-H024/JAR32
EFFECTIVENESS	Capacity	Cooling (min. -max.)	W	2700(500-3100)	3600 (800-3600)	5400(1200-5600)	7200(1400-7500)
		Heating (min. -max.)	W	3000(500-3300)	3700 (1000-3800)	5800(1200-6000)	7200(900-7300)
	Input	Cooling	W	800	1090	1650	2200
		Heating	W	750	970	1490	1960
	Current	Cooling	A	3,55	4,82	7,32	9,75
		Heating	A	3,33	4,30	6,61	8,67
	Max. Input Power		kW	1,5	1,9	2,9	3,7
	Max. Input Current		A	8	9,5	12	16
	Cooling	SEER	W/W	6,16	6,12	6,57	6,89
		Energy class		A++	A++	A++	A++
		Annual energy consumption	kWh/year	148	184	283	341
	Heating	SCOP	W/W	4,17	4,14	4,02	4,11
		Energy class		A+	A+	A+	A+
		Annual energy consumption	kWh/year	839	913	1535	1940
IU	Dimensions width/height/depth		mm	792x292x201	792x292*201	940x316x224	1132x330x232
	Fan efficiency turbo/hi/med/lo/silent		m³/h	600/570/471/370/270	600/570/471/370/270	900/850/800/790/720	1150/1100/1027/874/823
	Sound pressure turbo/hi/med/lo/silent in dB		dB(A)	38/31/27/22/19	38/32/29/23/20	41/32/31/26/23	38/36/33/31/23
	Sound power turbo/hi/med/lo/silent in dB		dB(A)	44/40/36/31/24	44/40/36/32/23	37/43/40/35/30	48/43/40/37/28
	Weight net		kg	7,5	8	12	15
OU	Dimensions width/height/depth		mm	730x545x285	730x545x285	800x545x315	900x700x350
	Dimensions of foot mounts		mm	540x280	540x280	545x315	535x350
	Sound pressure		dB(A)	40	42	44	45
	Sound power		dB(A)	50	50	52	53
	Weight net		kg	25	25	35	45
	Refrigerant			R32	R32	R32	R32
	Refrigerant Quantity		g	530g	600g	1280g	1440g
RECOMMENDED TEMPERATURE WORKING	Additional amount of refrigerant to add in installation above 5m		g/mb	20	20	20	30
	Cooling min. - max.		°C	-7 ~ 47	-7 ~ 47	-7 ~ 47	-7 ~ 47
	Heating min. - max.		°C	-20 ~ 32	-20 ~ 32	-20 ~ 32	-20 ~ 32
	Liquid		mm	6,35(1/4")	6,35(1/4")	6,35(1/4")	6,35(1/4")
	Gas		mm	9,52(3/8")	9,52(3/8")	12,7(1/2")	15,88(5/8")
	Max. height difference between OU and IU		m	10	10	10	15
	Max. Installation length		m	20	20	20	25
	Rated Voltage and Frequency		V-Ph-Hz	220-1-50	220-1-50	220-1-50	220-1-50
	Communication cable	to OU	qty x mm²	3x1,5	3x1,5	3x1,5	3x2,5
	Power cable	from OU to IU	qty x mm²	5x1,5	5x1,5	5x1,5	5x1,5
INSTALLATION PIPES	Circuit breaker rated current		A	C10	C10	C16	C16
	Condensate pipe diameter(Φ) in mm		mm	16	16	16	16

ACCESSORIES

STANDARD:

REMOTE
CONTROLLER

OPTIONAL:



FILTERS

- active carbon filter
- pm 2,5 filter
- 3in1 filter
- vitamin C filter
- silver ion filter

CUBE

PORTABLE AIR CONDITIONER

A++

R290

**3 YEARS
WARRANTY**

CUBE portable air conditioners are designed for all of these places where it is not possible to install traditional air conditioning. To install the air conditioner you do not need an installer and commissioning takes a few minutes. Warm air is discharged from the room using the outlet pipe available in the kit. It can be mounted in a window or wall.

The most important feature is mobility. You can easily move the unit at any time to another room in which will help wheels mounted to the device. Refrigerant R290 which is in ANDE portable air conditioners characterizes good thermodynamic properties and low impact



AUTO SWING



Auto Swing function allows fins to move in vertical manner, ensuring even distribution of air in the room

TURBO MODE



Ideal function during hot days, allows quick change of temperature in the room.

MODERN DESIGN



Simple and minimalistic design guarantees that air conditioner will fit all of the interiors.



AUTO RESTART



TIMER



AUTO CLEAN



SLEEP MODE



ANTI-FUNGUS



DC INVERTER



REFRIGERANT



COOLING
HEATING MODE

SPECIFICATION

			AND-09/MC	AND-12/MC	AND-12/MC-H
			Ph-V-Hz	1Ph-220-240V-50Hz	1Ph-220-240V-50Hz
Cooling		W	2 600	3 400	3 400
		W/W	2,6	2,6	2,6
		W	1 000	1 300	1 300
		A	4,40	5,80	5,80
Heating		W	/	/	2 700
		W/W	/	/	2,7
		W	/	/	1 000
		A	/	/	4,60
Max. Power Input		W	1050,00	1450	1450
Max. Current		A	4,80	8,00	8,00
Airflow		m ³ /h	390/360/330	390/360/330	390/360/330
Noise level		dB(A)	64/63.5/63	64/63.5/63	64/63.5/63
Net Dimension (W*D*H)		mm	476*710*385	476*710*385	476*710*385
Gross Dimension (W*D*H)		mm	545*885*435	545*885*435	545*885*435
Net/Gross Weight		Kg	31.5/36.5	33/38	33.5/38.5
Dehumidification capacity		l/24h	1,3	1,6	1,6



PORTABLE AIR CONDITIONER ANDE

ADVANTAGES:

- plug'n play type of connection
- high mobility
- universal application
- multi-functionality
- compact unit
- best price



CASSETTE

Perfect for commercial indoors

360° AIRFLOW

Construction of cassette panel is equipped with additional air outlets, in the corners. This feature allows even distribution of air in the room.



3 YEARS WARRANTY

ANDE creates products that fuse high quality with functionality. Our motto is "It is key to keep our customer satisfied". Besides design, we focus on the quality of our products.

It is crucial that our customers feel safe and confident about their purchase throughout many years. Low failure rate of our products lead us to extension warranty to 3 years, which greatly increases satisfaction of our customers.

A++ CLASS

The energy class is important information about energy consumption and energy efficiency of the device. It is a key information for a end user.

Regulations oblige suppliers to place on products labels containing the exact energy class designation. The classification means that, for example, class A air conditioner consumes about 10 percent less energy than class B device



FRESH AIR INTAKE

Cassette typ air conditioner is prepared for connection of fresh air duct. Fresh air will significantly increase the comfort in the room

CASSETTE

A++

R32

3 YEARS
WARRANTYWIFI
READY

Perfect for the all commercial interiors f.e. conference rooms, offices, restaurants. Thanks to 360 airflow ANDE cassettes ensure highest comfort of work. Units are WiFi ready which gives You comfort of management from every place.

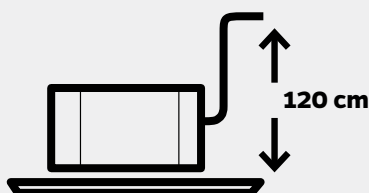


WIFI READY



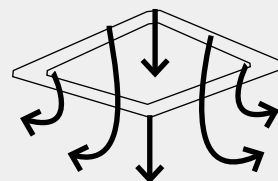
All cassette units are ready to expand its functionality by adding WiFi module. It allows You to control air conditioner from every place You want, even outside your home.

BUILT-IN CONDENSATE PUMP



Built-in condensate pump has one of the highest lift parameters. It is a great solution for every condensate drain

AIRFLOW 360°



Construction of cassette panel is equipped with additional air outlets, in the corners. This feature allows even distribution of air in the room.



AUTO RESTART



TIMER



AUTO CLEAN



SLEEP MODE

ANTI-COLD-AIR
FUNCTION

0,5 W STANDBY



DC INVERTER

WIFI
READY

AUTO DIAGNOSIS



LED DISPLAY

HYDROPHOBIC
ALUMINIUM LAMELSANTI RUST
CASINGLOW TEMP.
WORKING
CONDITIONSHIGH DENSITY
FILTER + PM 2.5 FILTER

R 32

COOLING/HEATING
MODEMULTIFUNCTIONAL
REMOTE CONTROLLERBUILT-IN CONDENSATE
PUMPEASY-CLEAN
FILTER

SPECIFICATION

Model			AND-ALCA-H12/3B	AND-ALCA-H18/3B	AND-ALCA-H24/3B	AND-ALCA-H36/3B	AND-ALCA-H48/3B	AND-ALCA-H60/3B
Power supply		V-,Hz,Ph	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Capacity	Cooling	Btu/h	12000(4600-15000)	18000(5200-19100)	24000(7400-28000)	36000(9800-44300)	48000(16241-56298)	55000(16241-59710)
		kW	3.60(1.35-4.40)	5.00(1.53-5.60)	7.00(2.16-8.20)	10.55(2.9-13)	14.00(4.76-16.5)	16.00(4.76-17.5)
	Heating	Btu/h	14300(4200-18100)	19100(4800-21200)	27300(6800-31700)	38000(8800-46000)	55000(16309-55104)	58000(16308-63122)
		kW	4.20(1.24-5.30)	5.60(1.40-6.20)	8.00(1.98-9.30)	11.15(2.6-13.5)	16.00(4.78-16.15)	17.00(4.78-18.50)
Electric data	Rated Cooling Power Input		kW	1.08(0.26-1.60)	1.63(0.47-2.30)	2.18(0.67-3.56)	3.4(0.71-4.71)	5.20(1.71-6.7)
	Rared Heating Power Input		kW	1.23(0.19-1.51)	1.73(0.46-2.25)	2.10(0.65-3.62)	3.45(0.47-4.13)	5.40(1.71-6.8)
	Rated Cooling Current		A	4.74(1.1-5.76)	7.16(2.25-10.10)	9.57(3.21-15.63)	15(3.2-21.5)	22.6(7.4-28.6)
	Rated Heating Current		A	5.40(0.78-6.6)	7.60(2.20-9.88)	9.22(3.11-15.90)	15.5(2.43-18)	23.4(7.4-29.1)
	EER/COP		W/W	3.33/3.41	3.07/3.24	3.21/3.81	3.09/3.23	2.69/2.96
	SEER/SCOP		W/W	6.2/4.1	6.3/4.0	6.5/4.2	6.1/4.0	6.1/4.0
Effectiveness	Indoor Air Flow (Hi/Mi/Lo)		m³/h	700/600/530	700/600/530	1500/1350/1200	1950/1700/1600	2000/1700/1600
	Noise Level (Hi/Mi/Lo)		dB(A)	45/44/36	45/44/36	49/47/44	52/50/48	54/52/48
	Sound Power Noise Level		dB(A)	56	56	59	63	67
IU	Net Dimension (W*D*H) (W*D*H)		mm	570×570×260	570×570×260	840×840×246	840×840×288	840×840×288
	Packing Dimension (W*D*H)		mm	655×655×295	655×655×295	910X910X310	910X910X350	910X910X350
	Net Weight (W*D*H)		kg	17	17	26	28	30
	Gross Weight (W*D*H)		kg	20	20	30	33	35
Piping	Liquid side		mm	6.35(1/4)	6.35(1/4)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas side		mm	12.7(1/2)	12.7(1/2)	15.88(5/8)	15.88(5/8)	19.05(3/4)
	Drainage		mm	R3/4in(DN20)	R3/4in(DN20)	R3/4in(DN20)	R3/4in(DN20)	R3/4in(DN20)
Connection Wiring	Power Wiring (Indoor)		mm²	3x1.5	3x1.5	3x1	3x1	3x1
	Power Wiring (Outdoor)		mm²	3x1.5	3x2.5	3x2.5	3x2.5	5x2.5
	Signal Wiring		mm²	2x0.2 screen	2x0.2 screen	2x0.2 screen	2x0.2 screen	2x0.2 screen
Operation Temperature Range		°C	16-32	16-32	16-32	16-32	16-32	16-32
Ambient Temp. Range	Cooling		°C	-15-52	-15-52	-15-52	-15-52	-15-52
	Heating		°C	-15-24	-15-24	-15-24	-15-24	-15-24





DUCT

Efficient and effective.
Discreet way of installation.

HIGH ESP

Thanks to high ESP, You have great flexibility. You can distribute air via ventilation canals to the farthest reaches of your home.



3 YEARS WARRANTY

ANDE creates products that fuse high quality with functionality. Our motto is "It is key to keep our customer satisfied". Besides design, we focus on the quality of our products.

It is crucial that our customers feel safe and confident about their purchase throughout many years. Low failure rate of our products lead us to extension warranty to 3 years, which greatly increases satisfaction of our customers.

A++ CLASS

The energy class is important information about energy consumption and energy efficiency of the device. It is a key information for an end user.

Regulations oblige suppliers to place on products labels containing the exact energy class designation. The classification means that, for example, class A air conditioner consumes about 10 percent less energy than class B device



WIFI READY

All ANDE brand duct units are adapted for easy installation of the WIFI module. After installation, it allows you to control the device from anywhere, also outside the home network. They connect to a smart terminal, which also allows control from an external network.

DUCT

A++

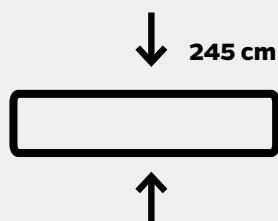
R32

3 YEARS
WARRANTYWIFI
READY

(option)

Duct units are designed for installation in ceiling spaces. The exceptionally flat design is ideal for rooms with limited installation space, as well as allow you to discreetly hide units. They provide great flexibility in installation projects.

LOW HEIGHT



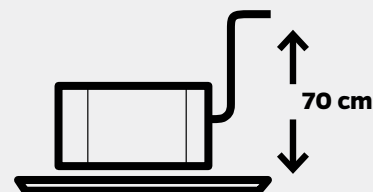
ANDE duct air conditioners have been specially designed to grant flexibility in all interiors. Intake of the unit is designed to be able to switch with bottom plate.

WIFI READY



All ANDE duct units are ready to expand its functionality by adding WiFi module. It allows You to control air conditioner from every place You want, even outside your home.

POSSIBILITY OF CONDENSATE PUMP CONNECTION



ANDE duct units have a possibility of condensate pump connection even up to 70cm above condensate tray.



AUTO RESTART



TIMER



AUTO CLEAN



SLEEP MODE



ANTI-FUNGUS

ANTI-COLD-AIR
FUNCTION

0,5 W STANDBY



DC INVERTER



AUTO DIAGNOSIS



DEHUMIDIFICATION

HYDROPHOBIC
ALUMINIUM LAMELSANTI RUST
CASING

SUPER EMC

QUICK
COOLING/HEATING

WIFI READY



R32

SPECIFICATION

Model			AND-ALMD-H18-3A	AND-ALMD-H24-3A	AND-ALMD-H36-3A	AND-ALMD-H48-3A	AND-ALMD-H60-3A
Power supply		V~,Hz,Ph	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	380-415/50/3
Capacity	Cooling	Btu/h	18000(5200-19100)	24000(7400-28000)	36000(9800-44300)	48000(16241-56298)	55000(16241-59710)
		kW	5.00(1.53-5.60)	7.00(2.16-8.20)	10.55(2.9-13)	14.00(4.76-16.50)	16.00(4.76-17.5)
	Heating	Btu/h	19100(4800-21200)	27300(6800-31700)	38000(8800-46000)	55000(16309-55104)	58000(16308-63122)
		kW	5.60(1.40-6.20)	8.00(1.98-9.30)	11.15(2.6-13.5)	16.00(4.78-16.15)	17.00(4.78-18.50)
Electric data	Rated Cooling Power Input	kW	1.55(0.47-2.30)	2.12(0.67-3.56)	3.4(0.71-4.71)	5.0(1.71-6.6)	5.88(1.71-6.7)
	Rated Heating Power Input	kW	1.49(0.46-2.25)	2.12(0.65-3.62)	3.45(0.47-4.13)	5.0(1.71-6.7)	5.6(1.71-6.8)
	Rated Cooling Current	A	6.73(2.25-10.10)	9.22(3.21-15.63)	15(3.2-21.5)	23.8(7.40-28.60)	27.0(7.40-29.10)
	Rated Heating Current	A	6.8(2.20-9.88)	9.6(3.11-15.90)	15.5(2.43-18)	24.7(7.40-29.10)	25.6(7.40-29.50)
Effectivness	EER/COP	W/W	3.23/3.76	3.30/3.77	3.10/3.23	2.8/3.2	2.72/3.04
	SEER/SCOP	W/W	6.2/4.0	6.1/4.0	6.1/4.1	6.1/4.0	6.1/4.0
IU	Indoor Air Flow (Hi/Mi/Lo)	m³/h	1150/960/840	1400/1190/980	1900/1600/1400	2300/2000/1700	2300/2000/1700
	Noise Level. (Hi/Mi/Lo)	dB(A)	43/41/40	44/41/39	44/41/39	52/49/47	52/49/47
	ESP	Pa	25(0-160)	25(0-160)	37(0-160)	50(0-160)	50(0-160)
	Sound Power Noise Level	dB(A)	53	55	55	64	64
	Net. Dimension (sz×gl×w)	mm	1000x700x245	1000×700×245	1400×700×245	1400×700×245	1400×700×245
	Packing Dimension	mm	1230x830x300	1230×830×300	1630×830×300	1630×830×300	1630×830×300
	Net Weight	kg	31	32	42	42	42
Piping	Gross Weight	kg	37	38	48	48	48
	Liquid side	mm	6.35(1/4)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas side	mm	12.7(1/2)	15.88(5/8)	15.88(5/8)	19.05(3/4)	19.05(3/4)
	Drainage	mm	R3/4in(DN20)	R3/4in(DN20)	R3/4in(DN20)	R3/4in(DN20)	R3/4in(DN20)
Operation Temperature Range		°C	-15-52	-15-52	-15-52	-15-52	-15-52
Cooling		°C	-15-52	-15-52	-15-52	-15-52	-15-52
Heating		°C	-15-24	-15-24	-15-24	-15-24	-15-24
Connection Wiring	Power Wiring (Indoor)	mm²	3x2.5	3x2.5	3x2.5	5x2.5	5x2.5
	Power Wiring (Outdoor)	mm²	3x1.5	3x1	3x1	3x1	3x1
	Signal Wiring	mm²	2x0.2 screen	2x0.2 screen	2x0.2 screen	2x0.2 screen	2x0.2 screen





CEILING&FLOOR

Universal appliance.
Quick and effective cooling

FLAT DESIGN

Through its compact design air conditioner will fit Your surroundings and will not loose its performance. Such small indoor unit dimensions make it one of the smallest air conditioners in the market. Additionally You can fit Your unit by ability of montage vertically and horizontally



3 YEARS WARRANTY

ANDE creates products that fuse high quality with functionality. Our motto is "It is key to keep our customer satisfied". Besides design, we focus on the quality of our products.

It is crucial that our customers feel safe and confident about their purchase throughout many years. Low failure rate of our products lead us to extension warranty to 3 years, which greatly increases satisfaction of our customers.

A++ CLASS

The energy class is important information about energy consumption and energy efficiency of the device. It is a key information for a end user.

Regulations oblige suppliers to place on products labels containing the exact energy class designation.

The classification means that, for example, class A air conditioner consumes about 10 percent less energy than class B device



3D AIRFLOW

Ceiling&floor unit has been equipped with moving fins, that allow precise setup of air flow direction. Even air distribution in the room will raise the comfort of Your space.

CEILING&FLOOR

A++

R32

3 YEARS
WARRANTYWIFI
READY

Practical units with great design, thanks to the compact dimensions and possibility of montage (horizontal/vertical) they are perfect solution for commercial interiors. 3D airflow will guarantee highest comfort in the room thanks to the even distribution of air.

WIFI READY



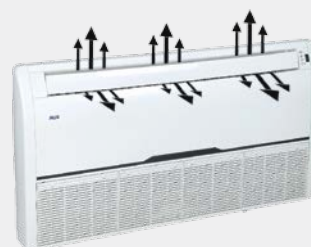
All ANDE ceiling&floor units are ready to expand its functionality by adding WiFi module. It allows You to control air conditioner from every place You want, even outside your home.

UNIVERSAL INSTALLATION



Through its compact design air conditioner will fit Your surroundings and will not loose its performance. Such small indoor unit dimensions make it one of the smallest air conditioners in the market. Additionally You can fit Your unit by ability of montage vertically and horizontally

3D AIRFLOW



Ceiling&floor unit has been equipped with moving fins, that allow precise setup of air flow direction. Even air distribution in the room will raise the comfort of Your space.



AUTO RESTART



TIMER



AUTO CLEAN



SLEEP MODE



ANTI-FUNGUS

FUNKCJA
ANTI-COLD-AIR

0.5 W STANDBY



DC INVERTER



AUTO DIAGNOSIS



DEHUMIDIFICATION

HYDROPHOBIC
ALUMINIUM LABELSANTI RUST
CASING

SUPER EMC

QUICK
COOLING/HEATING

WIFI READY



R32

SPECIFICATION

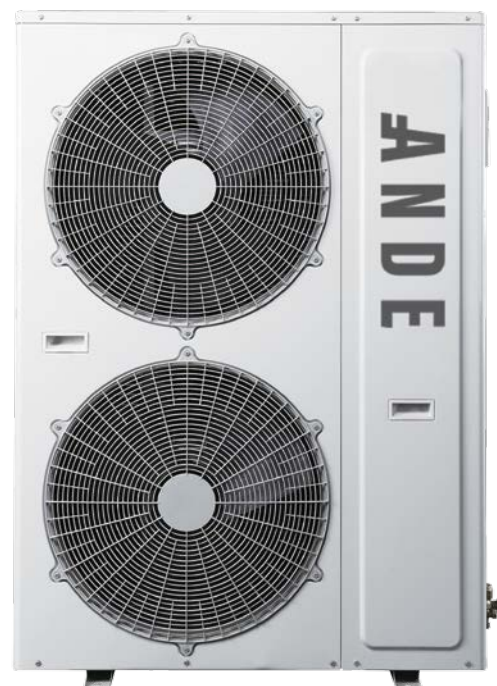
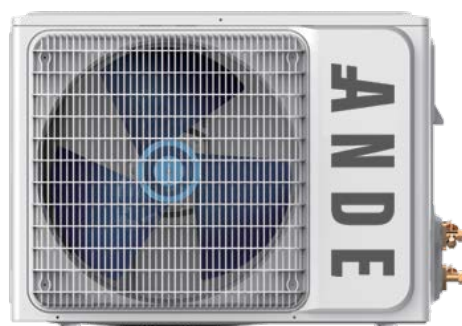
Model			AND-ALCF-H18-3A	AND-ALCF-H24-3A	AND-ALCF-H36-3A	AND-ALCF-H48-3A	AND-ALCF-H60-3A
Power Supply		V-,Hz,Ph	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	380-415/50/3
Capacity	Cooling	Btu/h	18000(5200-19100)	24000(7400-28000)	36000(9800-44300)	48000(16241-56298)	55000(16241-59710)
		kW	5.00(1.53-5.60)	7.00(2.16-8.20)	10.55(2.9-13)	14.00(4.76-16.50)	16.00(4.76-17.5)
	Heating	Btu/h	19100(4800-21200)	27300(6800-31700)	38000(8800-46000)	55000(16309-55104)	58000(16308-63122)
		kW	5.60(1.40-6.20)	8.00(1.98-9.30)	3.4(0.71-4.71)	5.3(1.71-6.7)	6.11(1.71-6.8)
Electric Data	Cooling Power Input	kW	1.63(0.47-2.30)	2.25(0.67-3.56)	3.45(0.47-4.13)	5.5(1.71-6.8)	5.90(1.71-7.1)
	Heating Power Input	kW	1.73(0.46-2.25)	2.10(0.65-3.62)	10.55(2.9-13)	14.00(4.76-16.50)	16.00(4.76-17.5)
	Rated Current (Cooling)	A	7.16(2.25-10.10)	9.88(3.21-15.63)	15(3.2-21.5)	23.0(7.40-28.60)	26.5(7.40-29.10)
	Rated Current (Heating)	A	7.60(2.20-9.88)	9.6(3.11-15.90)	15.5(2.43-18)	23.9(7.40-29.10)	25.6(7.40-29.50)
Performance	EER/COP	W/W	3.07/3.24	3.11/3.81	3.09/3.23	2.64/2.91	2.62/2.88
	SEER/SCOP	W/W	6.1/4.1	6.3/4.1	6.1/4.0	6.1/4.0	6.1/4.0
IU	Indoor Air Flow (Hi/Mi/Lo)	m³/h	900/730/650	1300/1052/920	1800/1550/1350	1900/1600/1400	1900/1600/1400
	Noise Level (Hi/Mi/Lo)	dB(A)	45/40/34	47/43/38	53/50/47	53/51/49	53/51/49
	Sound Power Noise Level	dB(A)	56	57	63	64	64
	Net Dimension (W*D*H)	mm	930×660×205	1280×660×205	1631×660×205	1631×660×205	1631×660×205
	Packing Dimension (W*D*H)	mm	1010×720×290	1360×720×290	1710×720×290	1710×720×290	1710×720×290
	Net Weight	kg	25	32	44	44	44
Piping	Gross Weight	kg	28	38	50	50	50
	Liquid Side	mm	6.35(1/4)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas Side	mm	12.7(1/2)	15.88(5/8)	15.88(5/8)	19.05(3/4)	19.05 3/4
	Drainage	mm	R3/4in(DN20)	R3/4in(DN20)	R3/4in(DN20)	R3/4in(DN20)	R3/4in(DN20)
Ambient Temperature Range - IU		°C	-15-52	-15-52	-15-52	-15-52	-15-52
Ambient Temperature Range - Cooling		°C	-15-52	-15-52	-15-52	-15-52	-15-52
Ambient Temperature Range - Heating		°C	-15-24	-15-24	-15-24	-15-24	-15-24
Connection Wiring	Power Wiring (Indoor)		3x2.5	3x2.5	3x2.5	5x2.5	5x2.5
	Power Wiring (Outdoor)	mm²	3x1.5	3x1	3x1	3x1	3x1
	Signal Wiring	mm²	2x0.2 ekran	2x0.2 screen	2x0.2 screen	2x0.2 screen	2x0.2 screen



LCAC OUTDOOR UNITS

A++

R32

3 YEARS
WARRANTYWIFI
READY

WIFI READY



All ANDE commercial units are ready to expand its functionality by adding WiFi module. It allows You to control air conditioner from every place You want, even outside your home.

WIDE WORKING RANGE



Thanks to ANDE technology and high quality components units are able to work in extreme temperature conditions from -15°C to 52°C in cooling mode and from -20°C to 24°C in heating mode.

A++ CLASS

A++

The energy class is important information about energy consumption and energy efficiency of the device. It is a key information for a end user. Regulations oblige suppliers to place on products labels containing the exact energy class designation. The classification means that, for example, class A air conditioner consumes about 10 percent less energy than class B device

INSTALLATION LENGTH UP TO 65M



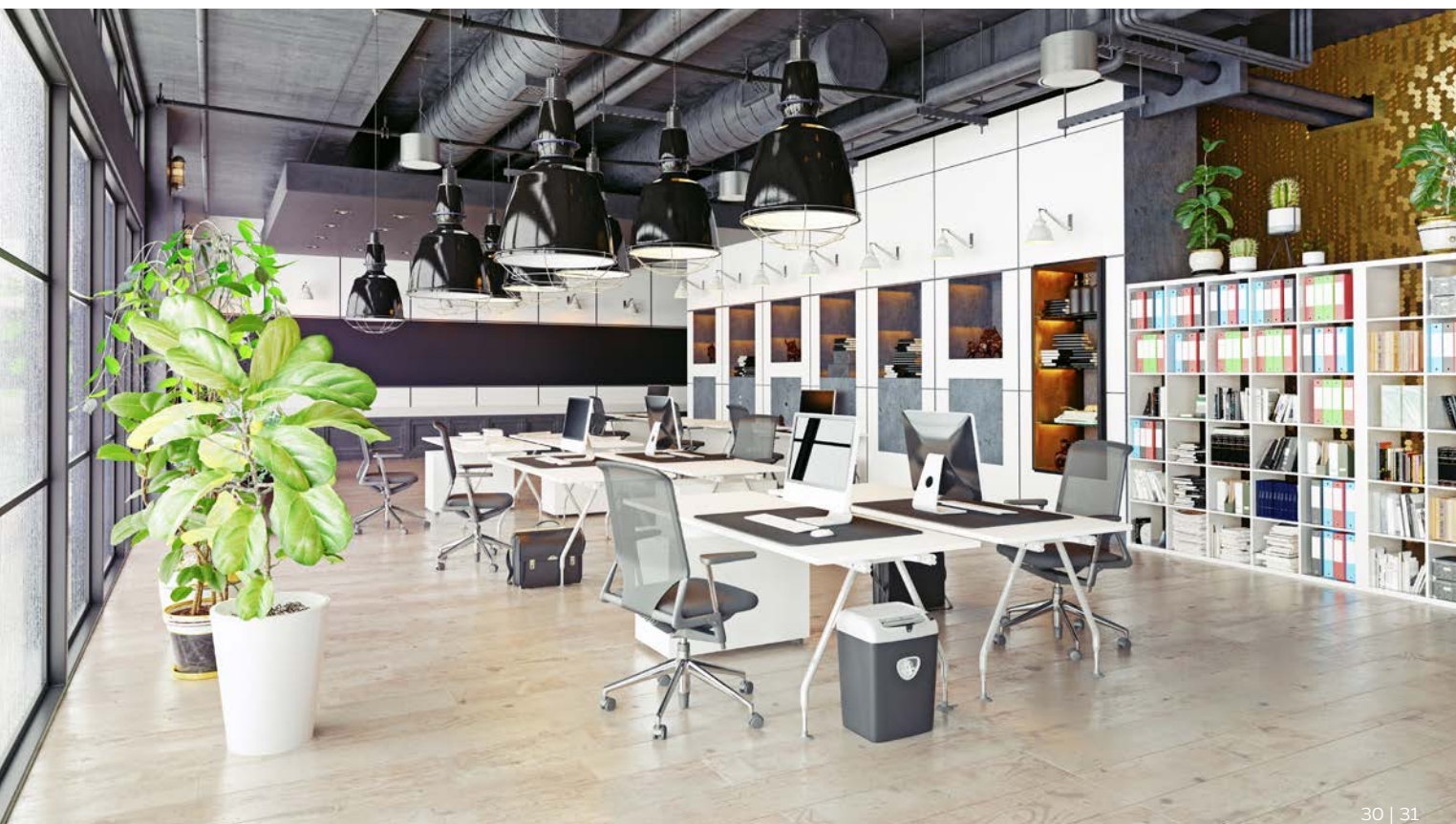
65 m

30 m

The total length of installation for ANDE commercial units is 65 m and height difference 30 m.

SPECIFICATION

Model			AND-AL-H12/4DR3	AND-AL-H18/4DR3	AND-AL-H24/4DR3	AND-AL-H36/4DR3	AND-AL-H48/4DR3	AND-AL-H55/4DR3
Power Supply		V-,Hz,Ph	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	380-415/50/3	380-415/50/3
Max. Input Consumption		W	2100	2400	3650	5370	6900	7100
Max. Current		A	11	12	16	23,5	36	37
Capacity	Cooling	Btu/h	12000(4600-15000)	18000(5200-19100)	24000(7400-28000)	36000(9800-44300)	48000(16241-56298)	55000(16241-59710)
		kW	3.60(1.35-4.40)	5.00(1.53-5.60)	7.00(2.16-8.20)	10.55(2.9-13)	14.00(4.76-16.50)	16.00(4.76-17.5)
	Heating	Btu/h	14300(4200-18100)	19100(4800-21200)	27300(6800-31700)	38000(8800-46000)	55000(16309-55104)	58000(16308-63122)
		kW	4.20(1.24-5.30)	5.60(1.40-6.20)	8.00(1.98-9.30)	11.15(2.6-13.5)	16.00(4.78-16.15)	17.00(4.78-18.50)
Airflow volume		m³/h	2600	2600	3750	4000	7200	7200
Sound Pressure Noise Level		dB(A)	54	55	58	57	60	60
Sound Power Noise Level		dB(A)	64	64	67	66	70	70
Dimension (W×D×H))	Net	mm	800×315×545	800×315×545	900×350×700	970×395×805	940×370×1325	940×370×1325
	Gross	mm	920x400x620	920x400x620	1020×430×770	1105×495×895	1080×430×1440	1080×430×1440
Weight	Net	kg	35	37	51	72	92	92
	Gross	kg	38	40	55	76	102	102
Refrigerant	Type		R32	R32	R32	R32	R32	R32
	Charged Volume	kg	0,9	1.16	1.4	2.54	3.6	3.6
	Oil	ml	310 (VG74)	440 (VG74)	670 (VG74)	1000 (VG74)	1400 (VG74)	1400 (VG74)
Piping	Liquid Side	mm	6.35(1/4)	6.35(1/4)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas Side	mm	12.7(1/2)	12.7(1/2)	15.88(5/8)	15.88(5/8)	19.05(3/4)	19.05(3/4)
	Drainage	mm	R3/4in(DN20)	R3/4in(DN20)	R3/4in(DN20)	R3/4in(DN20)	R3/4in(DN20)	R3/4in(DN20)
	Max. Length	m	25	30	50	65	65	65
	Max. Height	m	10	20	25	30	30	30
Ambient Temperature Range - Cooling		°C	-15-52	-15-52	-15-52	-15-52	-15-52	-15-52
Ambient Temperature Range - Heating		°C	-15-24	-15-24	-15-24	-15-24	-15-24	-15-24
Connection Wiring	Power Wiring (Outdoor)	mm²	3x1.5	3x2.5	3x2.5	3x2.5	5x2.5	5x2.5
	Signal Wiring	mm²	2x0.2 screen	2x0.2 screen	2x0.2 screen	2x0.2 screen	2x0.2 screen	2x0.2 screen



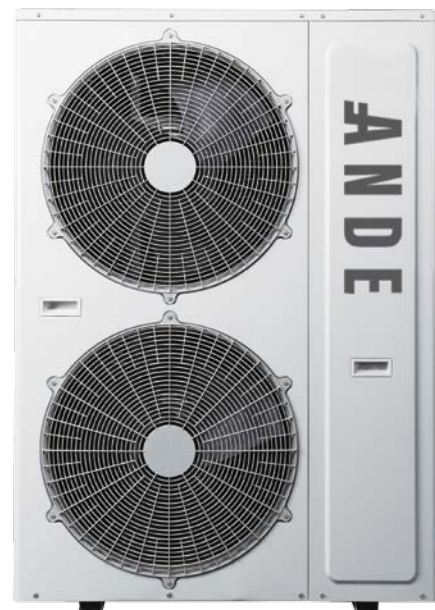
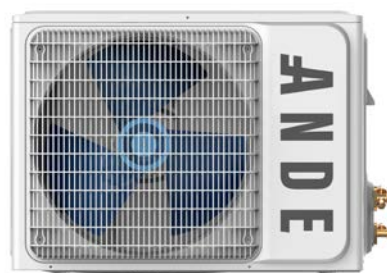
MULTISPLIT

Multisplit system allows connection up to 5 indoor units.
Such combination saves space on facades, balconies and roofs.

A++

R32

5 LAT
GWARANCJI



Model			AND-AM2-H14/4DR3	AND-AM2-H18/4DR3	AND-AM3-H21/4DR3	AND-AM3-H27/4DR3	AND-AM4-H36/4DR3	AND-AM5-H42/4DR3
Max. IU's			maks 2	maks 2	maks 3	maks 3	maks 4	maks 5
Capacity	Cooling	Btu/h	13989(6142-15388)	18084(6824-19892)	21154(7506-22895)	26955(7848-29650)	35826(8530-37532)	40944(9451-43332)
		kW	4.1(1.8-4.51)	5.3(2.0-5.83)	6.2(2.2-6.71)	7.9(2.3-8.69)	10.50(2.5-11.0)	12(2.77-12.7)
	Heating	Btu/h	16378(6995-18015)	19107(7541-21017)	22519(8155-24771)	27978(8359-30776)	37532(9110-38214)	44356(10100-44800)
		kW	4.8(2.05-5.28)	5.6(2.21-6.16)	6.6(2.39-7.26)	8.2(2.45-9.02)	11.00(2.67-11.2)	13(2.96-13.1)
Electric Data	Power Supply	V-,Hz,Ph	220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1
	Cooling Power Input	W	1240(198-2100)	1750(280-2300)	1920(350-2800)	2460(560-3400)	3950(680-4930)	4450(750-5450)
	Heating Power Input	W	1150(198-2100)	1540(280-2300)	1780(350-2800)	2270(560-3400)	3150(530-3850)	3750(600-4350)
	Rated Current (Cooling/Heating)	A	5.4/5	7.6/6.7	8.3/7.8	10.7/9.8	17.5/13.96	19.72/16.62
	Max. Current	A	10	11	13	16	23,5	24,5
	Max. Power	kW	2,1	2,3	2,8	3,4	5,3	5,6
Noise Level	SEER/SCOP	W/W	6.16/4.06	7.07/4.08	6.57/4.38	6.30/4.04	6.10/4.00	6.10/4.10
	Energy class		A++/A+	A++/A+	A++/A+	A++/A+	A++/A+	A++/A+
	EER/COP	W/W	3.31/4.17	3.03/3.64	3.23/3.71	3.21/3.61	2.66/3.49	2.70/3.47
Air Flow Volume		m3/h	2300	2300	3100	3100	4000	4200
Noise Level	Sound Pressure Noise Level	dB(A)	54	55	56	58	61	61
	Sound Power Noise Level	dB(A)	61	62	65	65	68	68
Dimension	Net Dimension (W*D*H)	mm	800×315×545	800×315×545	834×328×655	834×328×655	985×395×808	985×395×808
	Packing Dimension (W*D*H)	mm	920×400×620	920×400×620	945×435×725	945×435×725	1105×495×895	1105×495×895
Waga	Net	kg	34	36	44	46	74	75
	Gross	kg	37	39	47	49	78	79
Refrigerant	Type		R32	R32	R32	R32	R32	R32
	Oil	typ/ml	VG74/310ml	VG74/440ml	VG74/450ml	VG74/670ml	VG74/1000ml	VG74/1000ml
	Charged Volume	kg	1,07	1,1	1,25	1,2	2,3	2,3
Piping	Additional charge	(g/m)	20	20	20	20	20	20
	Liquid Side	mm(inch)	2×6.35(1/4)	2×6.35(1/4)	3×6.35(1/4)	3×6.35(1/4)	4×6.35(1/4)	5×6.35(1/4)
	Gas Side	mm(inch)	2×9.52(3/8)	2×9.52(3/8)	3×9.52(3/8)	3×9.52(3/8)	4×9.52(3/8)	5×9.52(3/8)
	Max. length for all room	m	40	40	60	60	80	80
	Max. length for one IU	m	25	25	30	30	35	35
	Max. height difference between IU and OU	m	15	15	15	15	15	15
	Max. height difference between IU's	m	10	10	10	10	10	10
Ambient Temperature Range - Cooling		°C	-15-52	-15-52	-15-52	-15-52	-15-52	-15-52
Ambient Temperature Range - Heating		°C	-15-24	-15-24	-15-24	-15-24	-15-24	-15-24

Combinations

OU's

Suggested sets

1 for 2

AND-AM2-H14/4DR3



1 unit	2units
7	7 + 7
9	7 + 9
12	9 + 9
18	

1 dla 2

AND-AM2-H18/4DR3



1 unit	2 units	
9	7+7	9+12
12	7+9	
18	7+12	
	9+9	

1 for 3

AND-AM3-H21/4DR3



1 unit	2 units		3 units
18	7+7	9+12	7+7+7
24	7+9	9+18	7+7+9
	7+12	12+12	7+7+12
	7+18		7+9+9
	9+9		9+9+9

1 dla 3

AND-AM3-H27/4DR3



1 unit	2 units		3 units	
18	7+7	9+12	7+7+7	7+9+18
24	7+9	9+18	7+7+9	7+12+12
	7+12	9+24	7+7+12	9+9+9
	7+18	12+12	7+7+18	9+9+12
	7+24	12+18	7+9+9	9+12+12
	9+9		7+9+12	

Outdoor units

Suggested sets

1 for 4

AND-AM4-H36/4DR3



1 unit	2 units		3 units				4 units			
18	7+12	12+12	7+7+7	7+9+18	9+9+12	12+12+12	7+7+7+7	7+7+9+18	7+9+12+18	
24	7+18	12+18	7+7+9	7+9+24	9+9+18	12+12+18	7+7+7+9	7+7+12+12	7+12+12+12	
	7+24	12+24	7+7+12	7+12+12	9+9+24		7+7+7+12	7+7+12+18	9+9+9+9	
	9+9	18+18	7+7+18	7+12+18	9+12+12		7+7+7+18	7+9+9+9	9+9+9+12	
	9+12	18+24	7+7+24	7+12+24	9+12+18		7+7+7+24	7+9+9+12	9+9+9+18	
	9+18		7+9+9	7+18+18	9+12+24		7+7+9+9	7+9+9+18	9+9+12+12	
	9+24		7+9+12	9+9+9	9+18+18		7+7+9+12	7+9+12+12	9+12+12+12	

1 for 5

AND-AM5-H42/4DR3



1 unit	2 units		3 units				4 units			
18	7+18	18+18	7+7+7	7+9+24	9+9+18	12+12+18	7+7+7+7	7+7+12+12	7+9+12+24	12+12+12+12
24	7+24	18+24	7+7+9	7+12+12	9+9+24	12+12+24	7+7+7+9	7+7+12+18	7+12+12+12	12+12+12+18
	9+12	24+24	7+7+12	7+12+18	9+12+12	12+18+18	7+7+7+12	7+7+12+24	9+9+9+9	
	9+18		7+7+18	7+12+24	9+12+18	12+18+24	7+7+7+18	7+9+9+9	9+9+9+12	
	9+24		7+7+24	7+18+18	9+12+24	18+18+18	7+7+7+24	7+9+9+12	9+9+9+18	
	12+12		7+9+9	7+18+24	9+18+18		7+7+9+9	7+9+9+18	9+9+12+12	
	12+18		7+9+12	9+9+9	9+18+24		7+7+9+12	7+9+12+12	9+12+12+12	
	12+24		7+9+18	9+9+12	12+12+12		7+7+9+18	7+9+12+18	9+12+12+18	

5 units

7+7+7+7+7	7+7+7+9+24	7+7+12+12+12	9+9+9+9+18
7+7+7+7+9	7+7+7+12+12	7+9+9+9+9	9+9+9+12+12
7+7+7+7+12	7+7+7+12+18	7+9+9+9+12	9+9+12+12+12
7+7+7+7+18	7+7+9+9+9	7+9+9+9+18	
7+7+7+7+24	7+7+9+9+12	7+9+9+12+12	
7+7+7+9+9	7+7+9+9+18	7+9+12+12+12	
7+7+7+9+12	7+7+9+12+12	9+9+9+9+9	
7+7+7+9+18	7+7+9+12+18	9+9+9+9+12	

multi WALL MOUNTED



Model Basic is a standard unit of the ANDE brand. It combines best quality, functionality at a great price. Device uses ecological R32 refrigerant, has silence mode, A++ energy class and compact dimensions. Capacity available from 2,5kW to 7,0kW

A++

R32

3 YEARS
WARRANTYWIFI
READY

QUIETEST IN THE MARKET



One of the quietest units in the market. Volume of the indoor units is only 20 dB – It's like a tree leaves in the wind ! It allows You to work or relax in the highest comfort.

WIFI READY



Unit is ready to expand its functionality by adding WiFi module. It allows You to control air conditioner from every place You want, even outside your home.

COMPACT



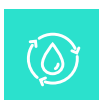
Through its compact design air conditioner will fit Your surroundings and will not loose its performance. Such small indoor unit dimensions make it one of the smallest air conditioner in the market.



AUTO RESTART



TIMER



AUTO CLEAN



SLEEP MODE



ANTI-FUNGUS



ANTI COLD AIR



0,5 W STANDBY



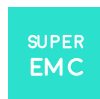
DC INVERTER



AUTO DIAGNOSIS



DEHUMIDIFICATION

HYDROPHOBIC
ALUMINIUM LAMELLEANTI RUST
CASING

SUPER EMC

QUICK
COOLING/HEATINGWIFI READY
(OPTION)

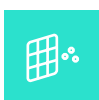
R32

MULTI FUNCTION
CONTROLLER

LED DISPLAY



I FEEL

HONEYCOMB
FILTER

TURBO MODE



SILENCE MODE

COOLING MODE/
HEATING MODE

Wall mounted type

Model			AND-AMWM-H07(FA)	AND-AMWM-H09(FA)	AND-AMWM-H12(FA)	AND-AMWM-H18(FA)	AND-AMWM-H24(FA)
Capacity	Cooling	Btu/h	7165(3855-9220)	9000(4780-11260)	12285(5800-12625)	17747(8530-19790)	23986(9895-24908)
		kW	2.05(1.13-2.70)	2.58(1.40-3.30)	3.50(1.70-3.70)	5.27(2.50-5.80)	7.03(2.90-7.30)
	Heating	Btu/h	7510(3340-8530)	9215(4095-10240)	12625(5120-12625)	18085(7680-19790)	24054(7165-27296)
		kW	2.15(0.98-2.50)	2.70(1.20-3.00)	3.50(1.50-3.70)	5.37(2.25-5.80)	7.05(2.10-8.00)
Electric Data	Power supply	V-,Hz,Ph	220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1
	Cooling Power Input	W	40(12-68)	40(12-68)	40(12-68)	63(16-88)	63(16-88)
	Heating Power Input	W	40(12-68)	40(12-68)	40(12-68)	63(16-88)	63(16-88)
IU	Airflow Volume	m³/h	600/480/370	600/480/370	600/480/370	850/800/680	1150/950/750
	Sound Pressure Noise Level	dB(A)	40/38/34	40/38/34	42/40/36	45/42/35	49/42/35
	Sound Power Noise Level	dB(A)	51	54	52	57	60
Dimension	Net (W*D*H)	mm	750×285×200	750×285×200	750×285×200	900×310×225	1082×330×233
	Gross (W*D*H)	mm	820×347×277	820×347×277	820×347×277	970×382×302	1155×397×312
Weight	Net	kg	7,5	7,5	8	12	15
	Gross	kg	9	9	10	14	16,5
Piping	Liquid Side	mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas Side	mm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)	12.7(1/2)	15.88(5/8)
	Drainage	mm	16,5	16,5	16,5	16,5	16,5



multi CASSETTE

A++

R32

3 YEARS
WARRANTYWIFI
READY

Perfect for the all commercial interiors f.e. conference rooms, offices, restaurants. Thanks to 360 airflow ANDE cassettes ensure highest comfort of work. Units are WiFi ready which gives You comfort of management from every place.

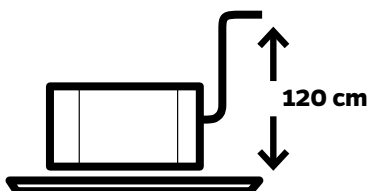


WIFI READY



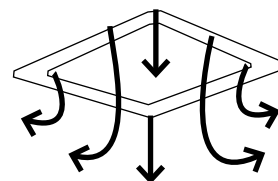
All cassette units are ready to expand its functionality by adding WiFi module. It allows You to control air conditioner from every place You want, even outside your home.

BUILT-IN CONDENSATE PUMP



Built-in condensate pump has one of the highest lift parameters. It is a great solution for every condensate drain

360° AIR FLOW



Construction of cassette panel is equipped with additional air outlets, in the corners. This feature allows even distribution of air in the room.



AUTO RESTART



TIMER



AUTO CLEAN



SLEEP MODE

ANTI COLD AIR
FUNCTION

0,5 W STANDBY



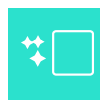
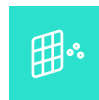
DC INVERTER

WIFI
READY

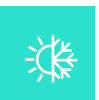
AUTO DIAGNOSIS



LED DISPLAY

HYDROPHOBIC
ALUMINUM FINSANTI RUST
CASINGEASY-CLEAN
FILTER

R32

COOLING MODE/
HEATING MODEMULTI FUNCTION
CONTROLLERBUILT-IN
CONDENSATE
PUMP

Cassette roundflow units

Model	Indoor		AND-AMCA-H9-3A	AND-AMCA-H12-3A	AND-AMCA-H18-3A
Panel			MB-13A	MB-13A	MB-13A
Capacity	Cooling	Btu/h	9560(5120-12115)	12285(5800-12625)	17060(8530-19107)
		kW	2.80(1.50-3.55)	3.60(1.70-3.70)	5.0(2.50-5.6)
	Heating	Btu/h	10240(5460-13000)	13306(6930-15080)	19107(10340-24000)
		kW	3.00(1.60-3.81)	3.9(2.03-4.42)	5.6(3.03-7.03)
Electric Data	Power supply	V~,Hz,Ph	220-240,50,1	220-240,50,1	220-240,50,1
	Cooling Power Input	W	70(17.5-109)	70(17.5-109)	70(17.5-109)
	Heating Power Input	W	70(17.5-109)	70(17.5-109)	70(17.5-109)
IU	Airflow Volume	m³/h	700/600/530	700/600/530	700/600/530
	Sound Pressure Noise Level	dB(A)	45/41/35	45/41/35	45/41/35
	Sound Power Noise Level	dB(A)	56	56	56
IU dimensions	Net (W*D*H)	mm	570×570×260	570×570×260	570×570×260
	Gross (W*D*H)	mm	655×655×295	655×655×295	655×655×295
	Panel Net (W*D*H)	mm	650×650×55	650×650×55	650×650×55
	Panel Gross (W*D*H)	mm	710×710×80	710×710×80	710×710×80
Weight	Net	kg	18	18	18
	Gross	kg	21	21	21
	Panel Net	kg	2,2	2,2	2,2
	Panel Gross	kg	3,7	3,7	3,7
Piping	Liquid Side	mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas Side	mm(inch)	12.7(1/2)	12.7(1/2)	12.7(1/2)
	Drainage	mm	20	20	20



ENERGY SAVING



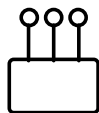
SLEEP MODE

This function will ensure full comfort during your rest time. The first two hours after activating the function, air conditioner in cooling mode will raise the setting of temperature by 1° C, and then keep the temperature constant for the next 6 hours. Similarly, in heating mode, it will lower the setting of temperature by 1° C, and then keep the temperature constant for the next 6 hours. After 7 hours of operation in this mode, the air conditioner will turn off automatically.



HYDROPHOBIC ALUMINUM EXCHANGER FINS

Fins with a hydrophilic layer increase efficiency by 10% and improve the speed of condensation.



CENTRAL CONTROL

Central controller with adapter plate and screen touch allows monitoring and work control of 64 units connected by a cable RS485 signal. It is possible entering the programmer function weekly and control work of particular zones and groups units.



FULL DC INVERTER

The advantages of the DC inverter drive, which uses the latest technological solutions include wider frequency operation and voltage range, greater energy efficiency, quiet work and lower noise levels.



STANDBY

Thanks to a specially designed PCB, the air conditioner consumes only 0.5 W in standby mode.



SELF CLEAN

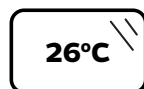
This function activates in cooling mode. Indoor units ventilator works on low speed which speeds up the process of condensation. Flowing condensate clears the exchanger fins.

COMFORT



TIMER

Unit can be turned on/off in 24h period



LED DISPLAY

Temperature setting is displayed on air conditioner front panel in discreet way. Display brightness is adjusted to light intensity in the room, which guarantees full comfort.



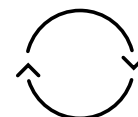
FAST COOLING/HEATING

Upon activation air conditioner starts with high frequency rate of compressor which allows increase in capacity by 30%



ANTI-COLD-AIR

Upon activation of air conditioner indoor unit ventilator prevents cold air flow until the exchanger achieve correct temperature.



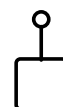
AUTO-RESTART

After lack of power unit will start up by itself with parameters set previously.



WIFI CONTROL

Unit can be turned on/off remotely by a user via WiFi connection.



WIRE CONTROLLER

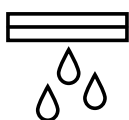
Possibility of connection to the wire controller



IFEEL

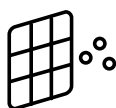
Temperature sensor placed in remote controller, will allow indoor unit to adjust air flow and temperature automatically to the surroundings of the user.

HEALTH



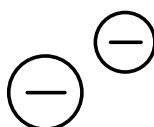
EXCHANGER DRYING PROCEDURE

Upon activation of this function air conditioner dries its exchanger. Prevents of fungi and bacteria growth.



EASY CLEAN FILTER

Filter is easy to remove in order to clean it. Keeping filter clean ensures correct work of your air conditioner.



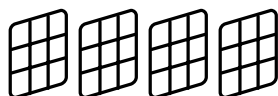
IONIZER

Ionizer removes bad smells, and toxic substances from the air through ions that come into reaction with particles.



PM 2.5 FILTER

Removes 99,9% of air pollution such as PM10 or PM 2,5 which are the main part of smog. Guarantees clean and healthy air.



OPTIONAL FILTERS

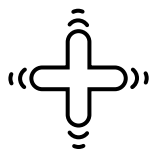
For everyone who wants their surroundings clean and healthy ANDE brand gives a possibility of montage additional filters such as: active carbon, 3in1, vitamin C and silver ion.

R32

REFRIGERANT

ANDE air conditioners work on new ecological refrigerant R32, which characterizes with higher energetic efficiency and less impact on Earth's atmosphere.

RELIABILITY



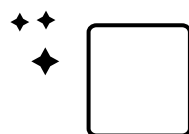
ANTI-CORROSIVE HOUSING

Device has auto diagnosis of failure function, which finds incorrect works and shows failure code on LED display.

SUPER EMC

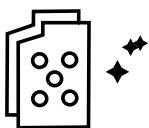
SUPER EMC

All of our products meet the requirements of European Union according to the conformity



ANTI-CORROSIVE HOUSING

Galvanized and powder coated outdoor unit housing.



GOLDEN EXCHANGER FINS

Heat exchanger both in indoor and outdoor units are covered by golden coating, which has a positive effect on the life of the device, and also increases corrosion resistance, and prevents the growth of bacteria and fungi.



SMART DEFROST

Starting the device at high frequency increases cooling / heating efficiency, reducing the time it takes until programmed temperature is achieved, increasing the user comfort.



FIREPROOF ELECTRICAL BOX

Design of the electric control box corresponds to increased safety standards, preventing any possible fires caused by the jump of electric spark inside the electric box



ANDE

OPEN TO A NEW CLIMATE

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