

world  
in motion

RESIDENTIAL  
LIGHT COMMERCIAL  
AIR CONDITIONING  
2022





**ABOUT SINCLAIR BRAND**

Sinclair brand has long tradition and we believe in bright future too. Sinclair air conditioners are getting more and more popularity and trust on the market every year. Our strong team of professionals ensures perfect cooperation with partners from many countries around the world. Development of our partnership never ends.

SINCLAIR Global Group is based on essential principals of long-term partnership and high-quality products. We regularly organize technical training in our academy to be sure that all our partners have updated information about news in our assortment and proper technical background.

SINCLAIR products will secure comfortable temperature in your home or office in all climatic conditions through the whole year. We are more than happy to introduce you SINCLAIR air conditioners.

quality enhances partnership

**OUR VISION AND MISSION**

Environment protection becomes more and more crucial for humanity and its future generations. SINCLAIR Global Group perceives it the same way hence we focus on developing and applying new technologies which helps to reduce energy consumption and global warming effect. Our products fulfils strict EU norms and in many cases even surpass them.

SINCLAIR believes in long-term, stable and healthy progression supported by hard work and strong code of ethics. Long-term success of any brand depends on satisfied customers. Our customers are satisfied thanks to high-quality, reliable a technically advanced products with reasonable pricing and timeless design.



**WWW.SINCLAIR-SOLUTIONS.COM**

Our website is dedicated to everyone who wants to learn more about Sinclair air conditioners and other products. Additionally after log-in to partner section there is all technical documentation available for download.



**SUMMARY**

- 4 20 YEARS WITH YOU, 20 YEARS WITH US
- 7 SMART FUNCTIONS SINCLAIR
- 8 SINCLAIR ECOLOGY
- 10 SPECTRUM PLUS SERIES
- 12 TERREL SERIES
- 14 KEYON SERIES
- 16 RAY SERIES
- 18 CONSOLE SERIES
- 20 MULTI VARIABLE SERIES OUTDOOR UNITS
- 22 MULTI VARIABLE SERIES INDOOR UNITS
- 26 UNI SPLIT SERIES OUTDOOR UNITS
- 28 UNI SPLIT SERIES INDOOR UNITS
- 30 HIGH STATIC PRESSURE DUCT
- 34 TOWER SERIES
- 36 WINDOW SERIES
- 38 MONOBLOCK SERIES
- 40 CAMPER TRAILER SERIES
- 42 BOAT SERIES
- 44 LOCAL AIR CONDITIONERS
- 46 MOBILE DEHUMIDIFIERS
- 48 AIR PURIFIERS
- 52 ACCESSORIES
- 56 OPTIONAL FILTERS
- 58 NOTES AND EXPLANATIONS

We have gained a lot of experiences and have met a lot of challenges during this long journey. Thanks to everyday hard work we have established ourselves as reputable and highly specialized producer of air conditioning and heating technologies.

We are celebrating our anniversary in a hard time, which placed all of us in a new and tough situation. Everyone was forced to search and explore new ways to success, new solutions.

Here in Sinclair, we believe we quite managed it, and we managed it together with you. Thanks to favor of our customers, we were able not only to withstand this situation, but also to provide our customers the products and services they are used to, all along the way.

## 20 years with you 20 years with us

We have been on the market for 20 years thanks to you, our customers and business partners. You inspire us to continuously improve and improve the quality of our services.

Sinclair products are present in 33 countries already and we look forward to the next challenge.

Thank you!





**STANCILOIR**

NEPAMENAR  
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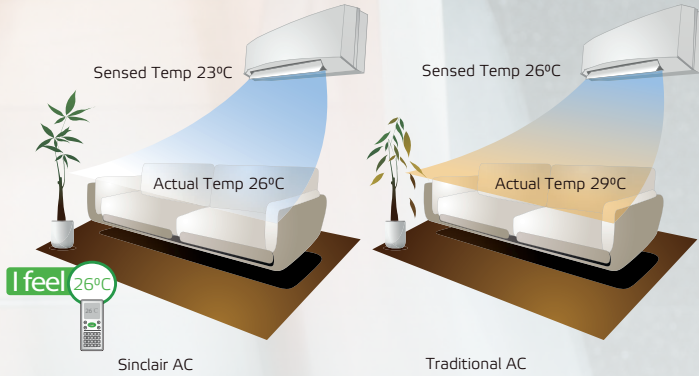




## SMART FUNCTIONS SINCLAIR

### I FEEL

The mini sensor in the remote controller can sense its surrounding temperature, and transmit the signal back to the indoor unit. So the unit can adjust the air flow volume and temperature accordingly, to provide maximum comfort and save energy simultaneously.



### LOW AMBIENT TEMPERATURE FUNCTION

#### -20 °C COOLING

Cooling at -20 °C while keeping a reliable operation. As the outdoor temperature changes, the frequency of compressor and the speed of fan adjusts accordingly.

#### -30 °C HEATING

Operates finely when heating at -30 °C. It is supported by SINCLAIR electrical heating chassis, preheating technology and frequency-adjusting compressor.

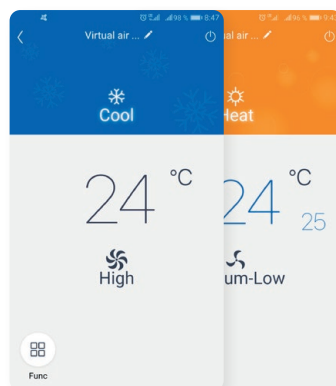
#### 8 °C HEATING

Maintains the room temperature steadily at 8 °C and prevents the room from freezing by heating operation when nobody is at home for long time.



### EWPE SMART – WIFI APP

Sinclair air conditioners can be conveniently managed via your smart phones or tablets with operating system Android or iOS. Control the temperature in the room from anywhere at any time. Thanks to the EWPE Smart app you will have Sinclair air conditioners always under control.



-  Anticorrosion treatment of exchangers
-  Refrigerant
-  Flexible adjusting lamels
-  Diagnostic LED display
-  "TURBO" button
-  Intelligent defrosting
-  Operation in the winter time
-  Silent operation
-  24-hour timer
-  Clock display
-  WiFi function
-  Dehumidifying mode
-  Automatic operation
-  Comfortable sleep mode
-  Cold air prevention
-  Self-diagnosis
-  Auto-restart function
-  Lock
-  8 °C heating
-  I feel
-  7 speeds of fan
-  Fresh air ventilation
-  Optional health filters
-  Low power consumption
-  Filter cleaning timer

We care about our planet.

We care about conditions and climate in which our children and next generations will grow.

## ecological world Sinclair

Thanks to the utilization of the new environmentally friendly R32 refrigerant in most of the SINCLAIR wall-mounted air conditioners, the need for CO<sub>2</sub> emission quotas was reduced by 65 % between 2017 and 2018. We are gradually expanding this ecological trend among other categories of our products.

With the SINCLAIR mobile and mono block air conditioners and dehumidifiers, we have made even more progress in terms of ecology, because they contain the purely natural refrigerant R290 Propane. This type of refrigerant has almost none global warming effect (GWP of 3).

All Sinclair products fulfill producer's obligations for separate collection, take-back, processing, usage and disposal of electrical appliances and electrical waste through the collective system ASEKOL s.r.o







# SPECTRUM PLUS SERIES

ECOLOGICAL REFRIGERANT R32

## FEATURES

- Energy class A+++/A++
- 2-stage compressor
- Dual side water outlet
- Hidden display
- 7 speeds of fan
- Automatic mode with adjustable temperature
- Adjustable heating range 8-30 °C
- Low ambient heating -30 °C
- Horizontal and vertical guide louver swing
- Function "I FEEL"

## STANDARD ACCESSORIES

- Filters - catechin SAF-OPWC4 and silver filter SAF-OPWS4
- Cold plasma generator
- WiFi module
- Dry door contact
- Crankcase heater, chassis heater
- Remote controller

## OPTIONAL ACCESSORIES

- Health filters
- GSM module G2S-T
- Control module SCMI-035
- BACNET gateway SBG-01
- Wired controllers SWC-02, SWC-04, XK19
- Central controller SCC-16, SCC-36
- Alarm interface SAI-01
- MODBUS control possibility via SWC-02 or SWC-04



ASH-09BIS2/W  
ASH-13BIS2/W  
ASH-18BIS2/W  
ASH-24BIS2/W



DC INVERTER PLASMA+TEC WIFI



## TECHNICAL PARAMETERS

MODEL			ASH-09BIS2 / W	ASH-13BIS2 / W	ASH-18BIS2 / W	ASH-24BIS2 / W
Capacity cooling / heating	kW		2,7 / 3,5	3,5 / 4,2	5,3 / 5,6	7,0 / 7,0
Power supply	Phase / Hz / V		1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240
SEER / SCOP	-		8,5 / 5,1	8,5 / 5,1	6,6 / 4,4	6,5 / 4,1
Energy class cooling/heating (A, W, C)	-		A+++ / (A+++ , A+++ , A)	A+++ / (A+++ , A+++ , A+)	A++ / (A+ , A+++ , A)	A+ / (A+ , A+++ , A)
Sound pressure level at 1m	ID	dB(A)	43 / 41 / 38 / 36 / 33 / 31 / 18	46 / 43 / 41 / 38 / 36 / 34 / 21	48 / 45 / 43 / 40 / 37 / 35 / 33	50 / 46 / 43 / 39 / 37 / 35 / 27
	OD	dB(A)	53	54	56	56
Dimension (w x h x d)/Net weight	ID	mm / kg	996 x 301 x 225 / 13,0	996 x 301 x 225 / 13,5	1101 x 327 x 249 / 16,5	1101 x 327 x 249 / 16,5
	OD	mm/kg	899 x 596 x 378 / 44,5	899 x 596 x 378 / 45,5	1003 x 790 x 427 / 62,5	1003 x 790 x 427 / 65,0
Operating temperature range cooling/heating	°C		-18-52 / -30-24	-18-52 / -30-24	-18-52 / -30-24	-18-52 / -30-24



# TERREL SERIES

ECOLOGICAL REFRIGERANT R32

### FEATURES

- Energy class A++ / A+
- Dual side water outlet
- Hidden display
- Function "I FEEL"
- 8 °C heating
- 7 speeds of fan

Indoor units are compatible with Multi Variable series

### STANDARD ACCESSORIES

- Filters - catechin SAF-OPWC4 and active carbon filter SAF-OPWA4
- Cold plasma generator
- Wifi module
- Dry door contact
- Crankcase heater, chassis heater
- Remote controller

### OPTIONAL ACCESSORIES

- Health filters
- GSM module G2S-T
- Control module SCMI-035
- BACNET gateway SBG-01
- Wired controller SWC-02, SWC-04, XK19
- Central controller SCC-16, SCC-36
- Alarm interface SAI-01
- MODBUS control possibility via SWC-02 or SWC-04



- SIH-09BITx + SOH-09BIT
- SIH-13BITx + SOH-13BIT
- SIH-18BITx + SOH-18BIT
- SIH-24BITx + SOH-24BIT



DC INVERTER

PLASMA+TEC



### TECHNICAL PARAMETERS

MODEL			SIH-09BITx + SOH-09BIT	SIH-13BITx + SOH-13BIT	SIH-18BITx + SOH-18BIT	SIH-24BITx + SOH-24BIT
Capacity cooling / heating	kW		2,7 / 3,0	3,5 / 3,8	5,2 / 5,3	7,0 / 7,4
Power supply	Phase / Hz / V		1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240
SEER / SCOP	-		7,5 / 4,2	7,1 / 4,1	7,0 / 4,0	6,5 / 4,0
Energy class cooling/heating (A, W, C)	-		A+++ / (A+, A+++ , A)	A+++ / (A+, A+++ , A)	A++ / (A+, A+++ , A)	A++ / (A+, A+++ , A)
Sound pressure level at 1m	ID	dB(A)	38 / 36 / 34 / 31 / 29 / 27 / 25	42 / 38 / 35 / 32 / 29 / 27 / 25	45 / 43 / 41 / 38 / 36 / 34 / 31	48 / 45 / 42 / 39 / 37 / 36 / 33
	OD	dB(A)	50	52	57	57
Dimension (w x h x d)/Net weight	ID	mm / kg	889 x 294 x 212 / 11,0	889 x 294 x 212 / 11,0	1013 x 307 x 221 / 13,5	1122 x 329 x 247 / 17,5
	OD	mm/kg	732 x 555 x 330 / 23,5	732 x 555 x 330 / 24,5	965 x 700 x 396 / 45,0	965 x 700 x 396 / 53,5
Operating temperature range cooling/heating	°C		-15-50 / -25-30	-15-50 / -25-30	-15-43 / -22-24	-15-43 / -22-24

x - available in different colours: SIH-xxBITW - white, SIH-xxBITB - black, SIH-xxBITS - silver, SIH-xxBITC - champagne



# KEYON SERIES

ECOLOGICAL REFRIGERANT R32

### FEATURES

- Energy class A++ / A+
- Dual side water outlet
- Hidden display
- Function "I FEEL"
- 8 °C heating

### STANDARD ACCESSORIES

- Filters - catechin SAF-OPWC4 and active carbon filter SAF-OPWA4
- Cold plasma generator
- Wifi module
- Dry door contact (except SIH-09BIK)
- Remote controller

### OPTIONAL ACCESSORIES

- Health filters
- GSM module G2S-T
- Control module SCMI-03S
- BACNET gateway SBG-01 (except SIH-09BIK)
- Wired controller SWC-02, SWC-04, XK19 (except SIH-09BIK)
- Central controller SCC-16, SCC-36 (except SIH-09BIK)
- Alarm interface SAI-01
- MODBUS control possibility via SWC-02 or SWC-04



Indoor units are compatible with Multi Variable series



SIH-09BIK + SOH-09BIK  
SIH-12BIK + SOH-12BIK  
SIH-18BIK + SOH-18BIK  
SIH-24BIK + SOH-24BIK



DC INVERTER PLASMA+TEC WIFI



### TECHNICAL PARAMETERS

MODEL			SIH-09BIK + SOH-09BIK	SIH-12BIK + SOH-12BIK	SIH-18BIK + SOH-18BIK	SIH-24BIK + SOH-24BIK
Capacity cooling / heating	kW		2,7 / 2,8	3,2 / 3,4	4,6 / 5,2	6,2 / 6,5
Power supply	Phase / Hz / V		1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240
SEER / SCOP	-		6,6 / 4,2	6,5 / 4,1	6,4 / 4,0	6,8 / 4,0
Energy class cooling/heating (A, W, C)	-		A++ / (A+, A+++, B)	A++ / (A+, A+++, -)	A++ / (A+, A+++, -)	A++ / (A+, A+++, -)
Sound pressure level at 1m	ID	dB(A)	40 / 38 / 34 / 23	41 / 36 / 32 / 23	48 / 41 / 37 / 31	48 / 44 / 40 / 35
	OD	dB(A)	51	52	53	58
Dimension (w x h x d)/Net weight	ID	mm / kg	770 x 251 x 190 / 8,5	849 x 289 x 215 / 10,5	972 x 300 x 225 / 13,5	1081 x 325 x 248 / 16,5
	OD	mm/kg	732 x 550 x 330 / 25,0	732 x 550 x 330 / 25,0	732 x 550 x 330 / 26,5	873 x 555 x 376 / 36,5
Operating temperature range cooling/heating	°C		-15-43 / -15-24	-15-43 / -15-24	-15-43 / -15-24	-15-43 / -15-24

# WALL MOUNTED SPLIT AIR CONDITIONERS

## RAY SERIES

ECOLOGICAL REFRIGERANT  R32

### FEATURES

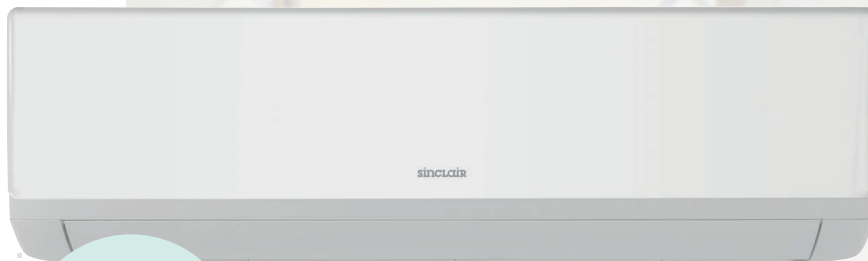
- Energy class A++ / A+
- Dual side water outlet
- Hidden display
- Function "I FEEL"
- 8 °C heating

### STANDARD ACCESSORIES

- Remote controller

### OPTIONAL ACCESSORIES

- Health filters
- GSM module G2S-T
- Control module SCMI-03S
- Alarm interface SAI-01
- SWM-04 WiFi module



Indoor units are compatible with Multi Variable series

SIH-09BIR + SOH-09BIR  
SIH-12BIR + SOH-12BIR  
SIH-18BIR + SOH-18BIR  
SIH-24BIR + SOH-24BIR



## DC INVERTER PLASMA+TEC



### TECHNICAL PARAMETERS

MODEL			SIH-09BIR + SOH-09BIR	SIH-12BIR + SOH-12BIR	SIH-18BIR + SOH-18BIR	SIH-24BIR + SOH-24BIR
Capacity cooling / heating	kW		2,7 / 2,8	3,2 / 3,4	4,6 / 5,2	6,2 / 6,5
Power supply	Phase / Hz / V		1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240
SEER / SCOP	-		6,6 / 4,2	6,1 / 4,0	6,4 / 4,0	6,8 / 4,0
Energy class cooling/ heating (A, W, C)	-		A++ / (A+, A+++, B)	A++ / (A+, A+++, B)	A++ / (A+, A+++, B)	A++ / (A+, A+++, B)
Sound pressure level at 1m	ID	dB(A)	40 / 38 / 34 / 23	41 / 37 / 33 / 26	48 / 42 / 38 / 31	48 / 45 / 37 / 30
	OD	dB(A)	51	51	55	57
Dimension (w x h x d)/Net weight	ID	mm / kg	773 x 250 x 185 / 8,5	773 x 250 x 185 / 8,0	970 x 300 x 225 / 13,5	970 x 300 x 225 / 13,0
	OD	mm/kg	732 x 550 x 330 / 25,0	732 x 550 x 330 / 25,0	732 x 555 x 330 / 26,5	873 x 555 x 376 / 36,5
Operating temperature range cooling/heating	°C		-15~43 / -15~24	-15~43 / -15~24	-15~43 / -15~24	-15~43 / -15~24







# CONSOLE SERIES

## FEATURES

- Energy class A++ / A+
- Dual side water outlet
- 7 speeds of fan
- Dual air outlet for heating
- Function "I FEEL"
- 8 °C heating

## STANDARD ACCESSORIES

- Filters - catechin SAF-OPWC4 and active carbon filter SAF-OPWA4
- Cold plasma generator
- WiFi module
- Crankcase heater, chassis heater
- Remote controller

## OPTIONAL ACCESSORIES

- Health filters
- GSM module G2S-T
- Wired controller SWC-02, SWC-04, XK19
- Central controller SCC-16, SCC-36
- Control module SCMI-03S
- BACNET gateway SBG-01
- Alarm interface SAI-01
- MODBUS control possibility via SWC-02 or SWC-04

**DC INVERTER**

**PLASMA+TEC**



ECOLOGICAL REFRIGERANT R32



ASP-XXBI



## TECHNICAL PARAMETERS

MODEL			ASP-09BI	ASP-12BI	ASP-18BI	
Capacity cooling / heating	kW		2,7 / 2,9	3,5 / 3,8	5,2 / 5,3	
Power supply	Phase / Hz / V		1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	
SEER / SCOP			7,2 / 4,0	7,0 / 4,1	6,6 / 4,1	
Energy class cooling/ heating (A, W, C)			A++ / (A+, A+++, -)	A++ / (A+, A+++, -)	A++ / (A+, A+++, -)	
Sound pressure level at 1m	ID	dB(A)	39 / 36 / 33 / 31 / 29 / 26 / 23	44 / 40 / 38 / 36 / 33 / 29 / 25	47 / 45 / 42 / 40 / 37 / 35 / 31	
	OD	dB(A)	49	52	57	
Dimension (w x h x d)/Net weight	ID	mm / kg	700 x 600 x 215 / 15,5	700 x 600 x 215 / 15,5	700 x 600 x 215 / 15,5	
	OD	mm/kg	782 x 540 x 320 / 27,5	848 x 596 x 320 / 30,5	965 x 700 x 396 / 46,0	
Operating temperature range cooling/heating	°C		-15-43 / -22-24	-15-43 / -22-24	-15-43 / -22-24	



# MULTI VARIABLE SERIES

## FEATURES

- Autorestart function
- Crankcase heater, chassis heater
- Automatic defrost mode
- Lightweight, compact dimensions

## STANDARD ACCESSORIES

- Pipe adapters
- Drain plugs
- Drain water adapter

## OPTIONAL ACCESSORIES

- Health filters
- GSM module G2S-T
- BACNET gateway SBG-01
- Wired controller SWC-02, SWC-04, XK19
- Central controller SCC-16, SCC-36

DC INVERTER



NEW



ECOLOGICAL REFRIGERANT R32



MV-E14BI2  
MV-E18BI2  
MV-E21BI2  
MV-E24BI2  
MV-E28BI2

## TECHNICAL PARAMETERS

MODEL			MV-E14BI2	MV-E18BI2	MV-E21BI2	MV-E24BI2
Number of connectable indoor units			1-2	1-2	2-3	2-3
Capacity cooling / heating	kW		4,1 / 4,4	5,3 / 5,7	6,1 / 6,5	7,1 / 8,6
Power supply	Phase / Hz / V		1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240
SEER / SCOP	-		7,2 / 4,2	7,2 / 4,2	7,8 / 4,3	7,1 / 4,3
Energy class cooling/ heating (Average)	-		A++ / A+	A++ / A+	A++ / A+	A++ / A+
Sound pressure level at 1m	OD	dB(A)	52	54	58	58
Dimension (w x h x d)/Net weight	OD	mm / kg	822 x 550 x 352 / 30,0	822 x 550 x 352 / 32,0	964 x 660 x 402 / 47,5	964 x 660 x 402 / 47,5
Operating temperature range cooling/heating	°C		-15-43 / -22-24	-15-43 / -22-24	-15-43 / -22-24	-15-43 / -22-24

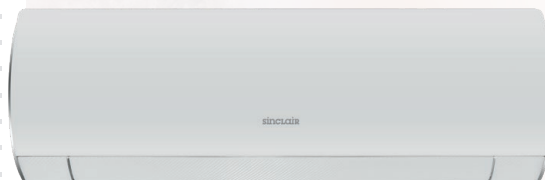
MODEL			MV-E28BI2	MV-E36BI2	MV-E42BI2	
Number of connectable indoor units			2-4	2-4	2-5	
Capacity cooling / heating	kW		8,0 / 9,5	10,6 / 12,0	12,1 / 13,0	
Power supply	Phase / Hz / V		1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	
SEER / SCOP	-		7,2 / 4,2	7,2 / 4,0	7,2 / 4,0	
Energy class cooling/ heating (Average)	-		A++ / A+	A++ / A+	A++ / A+	
Sound pressure level at 1m	OD	dB(A)	58	60	60	
Dimension (w x h x d)/Net weight	OD	mm / kg	964 x 660 x 402 / 51,0	1020 x 826 x 427 / 72,0	1020 x 826 x 427 / 73,0	
Operating temperature range cooling/heating	°C		-15-43 / -22-24	-15-43 / -22-24	-15-43 / -22-24	

MULTI VARIABLE  
INDOOR UNITS

# MULTI VARIABLE SERIES

ECOLOGICAL REFRIGERANT R32

## WALL MOUNTED UNITS



SIH-xxBITx



SIH-xxBIK

SIH-xxBIR

## PLASMA+TEC



## TECHNICAL PARAMETERS

MODEL		SIH-09BITx	SIH-13BITx	SIH-18BITx	SIH-24BITx
Capacity cooling / heating	kW	2,7 / 3,0	3,5 / 3,8	5,2 / 5,3	7,0 / 7,4
Power supply	Phase / Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240
Sound pressure level at 1m	dB(A)	38 / 36 / 34 / 31 / 29 / 27 / 25	42 / 38 / 35 / 32 / 29 / 27 / 25	45 / 43 / 41 / 38 / 35 / 34 / 31	48 / 45 / 42 / 39 / 37 / 36 / 33
Dimension (w x h x d)/Net weight	mm/kg	889 x 294 x 212 / 11,0	889 x 294 x 212 / 11,0	1013 x 307 x 221 / 13,5	1122 x 329 x 247 / 17,5

MODEL		SIH-07BIK	SIH-09BIK	SIH-12BIK	SIH-18BIK	SIH-24BIK
Capacity cooling / heating	kW	2,2 / 2,4	2,7 / 2,8	3,2 / 3,4	4,6 / 5,2	6,2 / 6,5
Power supply	Phase / Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240
Sound pressure level at 1m	dB(A)	39 / 37 / 33 / 22	40 / 38 / 34 / 23	41 / 36 / 32 / 23	44 / 41 / 34 / 31	47 / 44 / 38 / 35
Dimension (w x h x d)/Net weight	mm/kg	696 x 251 x 190 / 7,5	770 x 251 x 190 / 8,5	849 x 289 x 215 / 10,5	972 x 300 x 225 / 13,5	1081 x 325 x 248 / 16,5

MODEL		SIH-09BIR	SIH-12BIR	SIH-18BIR	SIH-24BIR
Capacity cooling / heating	kW	2,7 / 2,8	3,2 / 3,4	4,6 / 5,2	6,2 / 6,5
Power supply	Phase / Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240
Sound pressure level at 1m	dB(A)	40 / 38 / 34 / 23	41 / 37 / 33 / 26	44 / 42 / 38 / 31	48 / 45 / 37 / 30
Dimension (w x h x d)/Net weight	mm/kg	773 x 250 x 185 / 8,5	773 x 250 x 185 / 8,0	970 x 300 x 225 / 13,5	970 x 300 x 225 / 13,0

x - available in different colours: SIH-xxBITW - white, SIH-xxBITB - black, SIH-xxBITS - silver, SIH-xxBITC - champagne



# MULTI VARIABLE SERIES

ECOLOGICAL REFRIGERANT R32

## CONSOLE UNITS

- WiFi module
- Filters - catechin SAF-OPWC4 and active carbon filter SAF-OPWA4
- Dual air outlet for heating
- Cold plasma generator
- Remote controller
- MODBUS and BACNET control possibility via optional accessories



MV-PXXBI



MODEL		MV-P09BI	MV-P12BI	MV-P18BI		
Capacity cooling / heating	kW	2,7 / 2,8	3,5 / 3,8	5,2 / 5,3		
Power supply	Phase / Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240		
Sound pressure level at 1m	dB(A)	40 / 36 / 34 / 32 / 30 / 26 / 23	42 / 40 / 38 / 36 / 34 / 31 / 25	47 / 45 / 42 / 40 / 37 / 35 / 31		
Dimension (w x h x d)/Net weight	mm/kg	700 x 600 x 215 / 15,5	700 x 600 x 215 / 15,5	700 x 600 x 215 / 15,5		

## FLOOR CEILING UNITS

- Horizontal/vertical position
- Remote and wall controller in standard
- Dry on/off contact
- MODBUS and BACNET control possibility via optional accessories
- SWC-04 wired controller with integrated WiFi as optional accessories



MV-FXXBI



MODEL		MV-F09BI	MV-F12BI	MV-F18BI	MV-F24BI	
Capacity cooling / heating	kW	2,6 / 2,7	3,5 / 4,0	4,5 / 5,0	7,1 / 8,0	
Power supply	Phase / Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	
Sound pressure level at 1m	dB(A)	38 / 35 / 30 / 26	38 / 35 / 30 / 26	38 / 35 / 30 / 26	38 / 35 / 30 / 26	
Dimension (w x h x d)/Net weight	mm/kg	870 x 665 x 235 / 25,0	870 x 665 x 235 / 25,0	870 x 665 x 235 / 25,5	1200 x 665 x 235 / 33,0	





# MULTI VARIABLE INDOOR UNITS

ECOLOGICAL REFRIGERANT  R32

## 4-WAY CASSETTE UNITS



- Built in water pump
- Decorative panel in standard
- Remote and wall controller in standard
- Fresh air supply
- Dry door contact
- SWC-04 wired controller with integrated WiFi and MODBUS as standard accessories
- BACNET control possibility via optional accessories



MODEL		MV-C12B12	MV-C18B12	MV-C24B12		
Capacity cooling / heating	kW	3,5 / 4,0	5,0 / 5,5	7,0 / 8,0		
Power supply	Phase / Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240		
Sound pressure level at 1,4m	dB(A)	41 / 36 / 32 / 28	43 / 36 / 32 / 28	44 / 42 / 39 / 37		
Dimension (w x h x d)/Net weight	mm/kg	570 x 570 x 265 / 17,0	570 x 570 x 265 / 17,0	840 x 840 x 240 / 29,0		

# stylish world Sinclair

## DUCT UNITS



- Built in water pump
- Remote and wall controller in standard
- Dry door contact
- SWC-04 wired controller with integrated WiFi and MODBUS as standard accessories
- BACNET control possibility via optional accessories



MODEL		MV-D09B12	MV-D12B12	MV-D18B12	MV-D24B12	
Capacity cooling / heating	kW	2,7 / 2,8	3,5 / 4,0	5,0 / 5,5	7,0 / 8,0	
Power supply	Phase / Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	
Sound pressure level at 1,4m	dB(A)	32 / 28 / 25 / 22	36 / 34 / 31 / 27	36 / 31 / 28 / 25	46 / 42 / 40 / 36	
Dimension (w x h x d)/Net weight	mm/kg	710 x 200 x 450 / 18,5	710 x 200 x 450 / 19,0	1010 x 200 x 450 / 25,0	900 x 260 x 655 / 31,0	





# UNI SPLIT SERIES

## FEATURES

- DC Inverter technology
- Autostart function
- Anticorrosion treatment of exchangers
- Compatible with SCMI-01.4 communication module - can be used as separate condensing unit
- Optional bottom chassis heater

## SCMI COMMUNICATION MODULE

- Set temperature range from -10 °C (cooling) up to +55 °C (heating)
- Control of separate condensing units
- 3 Basic operation modes - controlled by room temperature, suction pressure or 0-10 V external signal
- Control of FMD modules
- Password protected setting
- Language options (English, German, Polish, Hungarian, Croatian, Czech)
- Pre-setting of all parameters via USB Communicator software
- DIN rail compatible – 4M wide, installation in power distribution unit

**DC INVERTER**



ECOLOGICAL REFRIGERANT R32

ASGE-12BI  
ASGE-18BI  
ASGE-24BI  
ASGE-30BI  
ASGE-36BI  
ASGE-36BI-3  
ASGE-42BI-3  
ASGE-48BI-3  
ASGE-60BI-3



SCMI-01.4  
COMMUNICATION  
MODULE

## TECHNICAL PARAMETERS

MODEL		ASGE-12BI	ASGE-18BI	ASGE-24BI	ASGE-30BI	ASGE-36BI
Capacity cooling / heating	kW	3,5 / 4,0	5,0 / 5,5	7,0 / 8,0	8,5 / 8,8	10,0 / 12,0
Power supply -OD*	Phase / Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240
SEER / SCOP	-	6,1 / 4,0	5,9 / 4,0	7,2 / 3,9	6,1 / 4,0	6,1 / 4,0
Energy class cooling/heating (Average)	-	A+ / A+	A+ / A	A++ / A	A++ / A+	A++ / A+
Sound pressure level at 1m	dB(A)	50	50	52	53	55
Dimension (w x h x d)/Net weight	mm/kg	818 x 596 x 378 / 37,0	818 x 596 x 378 / 39,0	892 x 698 x 396 / 53,0	920 x 790 x 427 / 60,0	940 x 820 x 530 / 83,0
Operating temperature range cooling/heating	°C	-20-48 / -20-24	-20-48 / -20-24	-20-48 / -20-24	-20-48 / -20-24	-20-48 / -20-24

MODEL		ASGE-36BI-3	ASGE-42BI-3	ASGE-48BI-3	ASGE-60BI-3	
Capacity cooling / heating	kW	10,0 / 12,0	12,1 / 13,5	13,4 / 15,5	16,0 / 17,0	
Power supply -OD*	Phase / Hz / V	3~ / 50 / 380-415	3~ / 50 / 380-415	3~ / 50 / 380-415	3~ / 50 / 380-415	
SEER / SCOP	-	6,1 / 4,0	6,1 / 3,8	6,1 / 4,0	6,1 / 3,8	
Energy class cooling/heating (Average)	-	A++ / A+	A++ / A	A++ / A+	A++ / A	
Sound pressure level at 1m	dB(A)	55	56	57	57	
Dimension (w x h x d)/Net weight	mm/kg	940 x 820 x 530 / 89,0	940 x 820 x 530 / 95,0	940 x 820 x 530 / 99,0	900 x 1345 x 412 / 112,0	
Operating temperature range cooling/heating	°C	-20-48 / -20-24	-20-48 / -20-24	-20-48 / -20-24	-20-48 / -20-24	



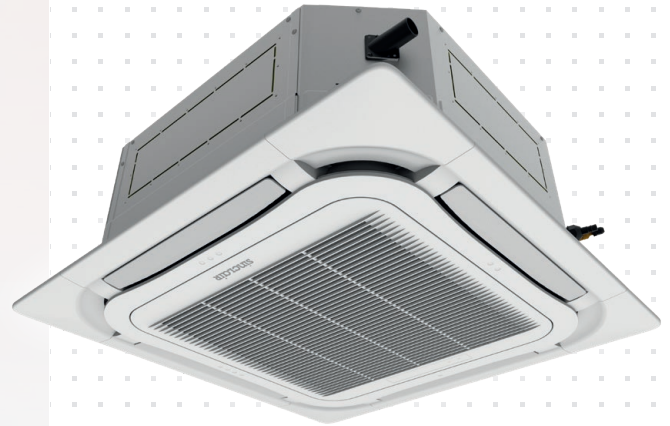
# UNI SPLIT SERIES

ECOLOGICAL REFRIGERANT R32

## 4-WAY CASSETTE UNITS

### FEATURES

- Autorestart function
- Water pump
- Dry on/off contact
- Fresh air supply
- Optional WIFI module SWM-03
- Decorative panel in standard
- Remote and wall controller in standard of unit
- Function "I FEEL"
- 8 °C heating
- MODBUS and BACNET control possibility via optional accessories



ASC-12BI  
ASC-18BI  
ASC-24BI  
ASC-30BI  
ASC-36BI  
ASC-42BI  
ASC-48BI  
ASC-60BI



### TECHNICAL PARAMETERS

MODEL		ASC-12BI	ASC-18BI	ASC-24BI	ASC-30BI	ASC-36BI
Capacity cooling / heating	kW	3,5 / 4,0	5,0 / 5,5	7,0 / 8,0	8,5 / 8,8	10,0 / 12,0
Power supply	Phase / Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240
SEER / SCOP	-	5,9 / 4,0	5,9 / 4,0	7,2 / 3,9	6,1 / 4,0	6,1 / 4,0
Energy class cooling/heating (Average)	-	A+ / A+	A+ / A+	A++ / A	A++ / A+	A++ / A+
Sound pressure level ID at 1,4m	dB(A)	39 / 36 / 33	44 / 39 / 36 / 33	43 / 42 / 40 / 39	49 / 47 / 44 / 41	50 / 48 / 46 / 42
Dimension (w x h x d)/Net weight	ID	mm / kg	570 x 265 x 570 / 17,0	570 x 265 x 570 / 17,0	840 x 240 x 840 / 29,0	840 x 240 x 840 / 31,0
	Panel	mm/kg	620 x 47,5 x 620 / 3,0	620 x 47,5 x 620 / 3,0	950 x 52 x 950 / 6,0	950 x 52 x 950 / 6,0
Operating temperature range cooling/heating	°C	-20-48 / -20-24	-20-48 / -20-24	-20-48 / -20-24	-20-48 / -20-24	-20-48 / -20-24

MODEL		ASC-36BI	ASC-42BI	ASC-48BI	ASC-60BI	
Capacity cooling / heating	kW	10,0 / 12,0	12,1 / 13,5	13,4 / 15,5	16,0 / 17,0	
Power supply	Phase / Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	
SEER / SCOP	-	6,1 / 4,0	6,1 / 3,8	6,1 / 4,0	6,1 / 3,8	
Energy class cooling/heating (Average)	-	A++ / A+	A++ / A	A++ / A+	A++ / A	
Sound pressure level ID at 1,4m	dB(A)	50 / 48 / 46 / 42	51 / 49 / 46 / 42	52 / 51 / 48 / 45	54 / 52 / 50 / 48	
Dimension (w x h x d)/Net weight	ID	mm / kg	840 x 240 x 840 / 31,0	840 x 290 x 840 / 33,0	840 x 290 x 840 / 36,0	
	Panel	mm/kg	950 x 52 x 950 / 6,0	950 x 52 x 950 / 6,0	950 x 52 x 950 / 6,0	950 x 52 x 950 / 6,0
Operating temperature range cooling/heating	°C	-20-48 / -20-24	-20-48 / -20-24	-20-48 / -20-24	-20-48 / -20-24	

# UNI SPLIT SERIES



## FLOOR-CEILING UNITS

### FEATURES

- Autorestart function
- Dry on/off contact
- Optional WIFI module SWM-03
- Remote and wall controller in standard of unit
- Function "I FEEL"
- 8 °C heating
- MODBUS and BACNET control possibility via optional accessories

ASF-12BI  
ASF-18BI  
ASF-24BI  
ASF-30BI  
ASF-36BI  
ASF-42BI  
ASF-48BI  
ASF-60BI



comfort world  
Sinclair



### TECHNICAL PARAMETERS

MODEL		ASF-12BI	ASF-18BI	ASF-24BI	ASF-30BI	ASF-36BI
Capacity cooling / heating	kW	3,5 / 4,0	5,0 / 5,5	7,0 / 8,0	8,5 / 8,8	10,0 / 12,0
Power supply	Phase / Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240
SEER / SCOP	-	6,7 / 4,0	6,1 / 4,0	6,8 / 3,9	6,1 / 4,0	6,1 / 4,0
Energy class cooling/heating (Average)	-	A++ / A+	A++ / A+	A++ / A	A++ / A+	A++ / A+
Sound pressure level at 1m	ID      dB(A)	39 / 36 / 32 / 28	44 / 42 / 39 / 36	45 / 44 / 41 / 38	49 / 47 / 45 / 43	49 / 47 / 45 / 43
Dimension (w x h x d)/Net weight	ID      mm / kg	870 x 665 x 235 / 25,0	870 x 665 x 235 / 26,0	1200 x 665 x 235 / 31,0	1200 x 665 x 235 / 31,0	1200 x 665 x 235 / 32,0
Operating temperature range cooling/heating	°C	-20~48 / -20~24	-20~48 / -20~24	-20~48 / -20~24	-20~48 / -20~24	-20~48 / -20~24

MODEL		ASF-36BI	ASF-42BI	ASF-48BI	ASF-60BI	
Capacity cooling / heating	kW	10,0 / 12,0	12,1 / 13,5	13,4 / 15,5	16,0 / 17,0	
Power supply	Phase / Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	
SEER / SCOP	-	6,1 / 4,0	6,1 / 3,8	6,1 / 4,0	6,1 / 4,0	
Energy class cooling/heating (Average)	-	A++ / A+	A++ / A	A++ / A+	A++ / A+	
Sound pressure level at 1m	ID      dB(A)	49 / 47 / 45 / 43	49 / 47 / 44 / 42	52 / 50 / 48 / 44	54 / 53 / 49 / 45	
Dimension (w x h x d)/Net weight	ID      mm / kg	1200 x 665 x 235 / 32,0	1570 x 665 x 235 / 40,0	1570 x 665 x 235 / 42,0	1570 x 665 x 235 / 42,0	
Operating temperature range cooling/heating	°C	-20~48 / -20~24	-20~48 / -20~24	-20~48 / -20~24	-20~48 / -20~24	

**DUCT INDOOR UNITS**



**FEATURES**

- Autorestart function
- Dry on/off contact
- Water Pump
- Optional WIFI module SWM-03
- Remote and wall controller in standard of unit
- Function "I FEEL"
- 8 °C heating
- MODBUS and BACNET control possibility via optional accessories



ASD-12BI  
ASD-18BI  
ASD-24BI  
ASD-30BI  
ASD-36BI  
ASD-42BI  
ASD-48BI  
ASD-60BI



**TECHNICAL PARAMETERS**

MODEL		ASD-12BI	ASD-18BI	ASD-24BI	ASD-30BI
Capacity cooling / heating	kW	3,5 / 4,0	5,0 / 5,5	7,0 / 8,0	8,5 / 8,8
Power supply	Phase / Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240
SEER / SCOP	-	6,1 / 4,0	6,1 / 4,0	6,8 / 4,0	6,1 / 4,0
Energy class cooling/ heating (Average)	-	A++ / A+	A++ / A+	A++ / A+	A++ / A+
Sound pressure level ID at 1,4m	dB(A)	41 / 38 / 36 / 34	43 / 42 / 39 / 36	40 / 39 / 37 / 36	42 / 40 / 37 / 35
Dimension (w x h x d)/Net weight	ID mm / kg	700 x 200 x 450 / 20,0	1000 x 200 x 450 / 26,0	1300 x 220 x 450 / 31,0	1300 x 220 x 450 / 31,0
Operating temperature range cooling/heating	°C	-20-48 / -20-24	-20-48 / -20-24	-20-48 / -20-24	-20-48 / -20-24

MODEL		ASD-36BI	ASD-42BI	ASD-48BI	ASD-60BI
Capacity cooling / heating	kW	10,0 / 12,0	12,1 / 13,5	13,4 / 15,5	16,0 / 17,0
Power supply	Phase / Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240
SEER / SCOP	-	6,1 / 4,0	5,8 / 3,8	5,4 / 3,7	6,1 / 4,0
Energy class cooling/ heating (Average)	-	A++ / A+	A+ / A	A+ / A	A++ / A+
Sound pressure level ID at 1,4m	dB(A)	46 / 44 / 42 / 40	42 / 40 / 39 / 37	43 / 41 / 40 / 38	44 / 41 / 39 / 38
Dimension (w x h x d)/Net weight	ID mm / kg	1000 x 300 x 700 / 41,0	1400 x 300 x 700 / 50,0	1400 x 300 x 700 / 50,0	1400 x 300 x 700 / 57,0
Operating temperature range cooling/heating	°C	-20-48 / -20-24	-20-48 / -20-24	-20-48 / -20-24	-20-48 / -20-24

**WALL MOUNTED INDOOR UNITS**

**FEATURES**

- Wifi module
- Dry door contact
- Hidden display
- Dual side water outlet
- Function "I FEEL"
- 8 °C heating
- MODBUS and BACNET control possibility via optional accessories



ASH-24BIH  
ASH-36BIH

**PLASMA+TEC**



**TECHNICAL PARAMETERS**

MODEL		ASH-24BIH	ASH-36BIH
Capacity cooling / heating	kW	7,0 / 8,0	10,0 / 12,0
Power supply	Phase / Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240
SEER / SCOP	-	6,8 / 4,0	6,1 / 4,0
Energy class cooling/ heating (Average)	-	A++ / A	A++ / A+
Sound pressure level at 1m	ID dB(A)	45 / 43 / 40	52 / 46 / 43
Dimension (w x h x d)/Net weight	ID mm / kg	1078 x 325 x 246 / 15,0	1350 x 326 x 253 / 18,0
Operating temperature range cooling/heating	°C	-20-48 / -20-24	-20-48 / -20-24

# HIGH STATIC PRESSURE DUCT

**R410A**  
REFRIGERANT



ASDH-96AI



### FEATURES

- Mode priority settings
- External static pressure up to 150Pa
- Dry on/off contact
- Alarm contact
- Wired controller KJR-29B
- Optional water pump, water level switch

### OPTIONAL ACCESSORIES

- Central controller CCM30

## DC INVERTER



### TECHNICAL PARAMETERS

MODEL	ASDH-96AI		
Capacity cooling / heating	kW		28,0 / 31,5
Power supply	Phase / Hz / V		3~ / 50 / 380-415
EER / COP			3,1 / 3,7
Sound pressure level at 1m	ID	dB(A)	49-52
	OD	dB(A)	59
Dimension (w x h x d)/Net weight	ID	mm / kg	1470 x 512 x 775 / 83,0
	OD	mm / kg	1120 x 1558 x 528 / 147,0
Operating temperature range cooling/heating	°C		-15~48 / -15~24







# TOWER SERIES

ECOLOGICAL REFRIGERANT  R32

## FEATURES

- Designed with an emphasis on aesthetics
- Usable for larger areas such as offices, meeting rooms, restaurants etc.
- Equipped with horizontal and vertical electric louver
- Intelligent defrost system
- WiFi control
- Controlled by built-in panel or remote controller
- Remote controller

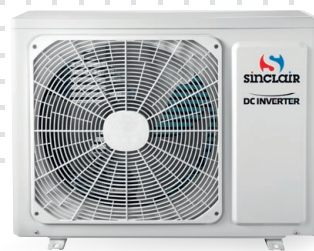
**DC INVERTER**  **WIFI**



**NEW**



AST-24BI  
AST-48BI



## TECHNICAL PARAMETERS

MODEL			AST-24BI	AST-48BI
Capacity cooling / heating	kW		7,2 / 7,9	12,5 / 13,5
Power supply	Phase / Hz / V		1~ / 50 / 220-240	1~ / 50 / 220-240
SEER/ SCOP	-		6,1 / 4,0	5,6 / 3,7
Energy class cooling/heating (av.)			A++ / A+	A++ / A+
Sound pressure level at 1m	ID	dB(A)	45 / 41 / 38 / 35	53 / 51 / 50 / 48
	OD	dB(A)	61	64
Dimension (w x h x d)/Net weight	ID	mm / kg	507 x 1770 x 320 / 38,0	587 x 1882 x 394 / 55,0
	OD	mm / kg	965 x 700 x 396 / 53,5	1028 x 822 x 530 / 89,0
Operating temperature range cooling/heating	°C		-15~43 / -15~24	-15~43 / -15~24



# WINDOW SERIES

## FEATURES

- Energy class A
- Cooling mode only
- Dirty filter alarm
- Low voltage startup
- Automatic restart function
- Remote controller

## MANUAL CONTROL PANEL

- Possibility to control unit via buttons on front panel of air conditioner.



ECOLOGICAL REFRIGERANT R32



ASW-09BI  
ASW-12BI

## DC INVERTER



## TECHNICAL PARAMETERS

MODEL			ASW-09BI	ASW-12BI
Cooling capacity	kW		2,7	3,7
Power supply	Phase / Hz / V		1~ / 50 / 220-240	1~ / 50 / 220-240
SEER	-		5,20	5,40
Energy class cooling	-		A	A
Sound pressure level at 1m	interior	dB(A)	50 / 48 / 46	50 / 48 / 46
	exterior	dB(A)	56 / 54 / 52	58 / 56 / 54
Dimension (w x h x d)/Net weight	mm / kg		560 x 375 x 710 / 43,0	660 x 428 x 700 / 50,0
Operating temperature range cooling	°C		16-43	16-43



# MONOBLOCK SERIES

## FEATURES

- New concept of monoblock air conditioner
- 4 in 1 Function including Cooling/Heating/ Fan/Dehumidifying
- Installation without outdoor unit: Unique and easy solution for applications without possibility of outdoor units - historical conservation areas, renting apartments, etc.
- DC Inverter Technology
- Attractive design - metal case
- LCD Display
- 24 Hour ON/OFF Timer
- Without vacuuming effect in the room

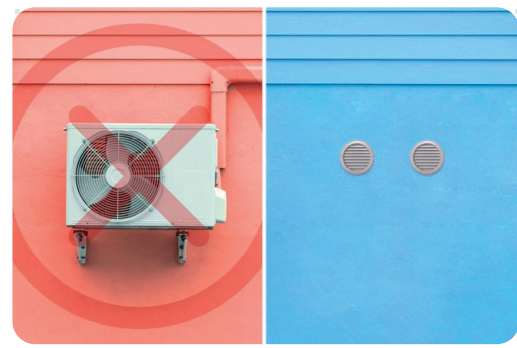
## STANDARD ACCESSORIES

- Remote controller
- WiFi

**R290**  
NATURAL  
REFRIGERANT



ASM-12PI



INSTALLATION WITH AND WITHOUT OUTDOOR UNIT. THE EXTERIOR IS ALMOST UNTOUCHED.

**DC INVERTER** 



## TECHNICAL PARAMETERS

MODEL	ASM-12PI		
Capacity cooling / heating	kW		3,5 / 2,9
Power supply	Hz / V		1~ / 50 / 220-240
EER/ COP	-		2,6 / 3,1
Energy class cooling/heating (av.)	-		A / A++
Sound pressure level	ID	dB(A)	39
Dimension (w x h x d)/Net weight	ID	mm / kg	1000 x 585 x 205 / 43,5
Application Area	m <sup>2</sup>		25-30





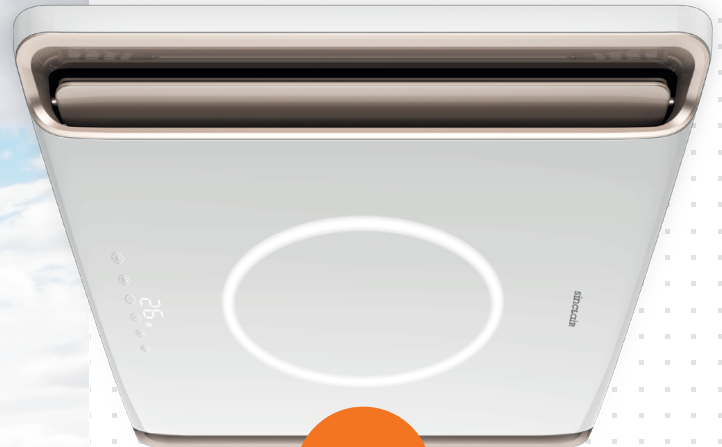
# CAMPER TRAILER SERIES

ECOLOGICAL REFRIGERANT R32

## FEATURES

- WiFi control
- Operating temperature -5~46 °C
- For roofs with a thickness of 30-80 mm
- Power supply 220-240V/50Hz/1Ph
- Ultraslim design of indoor unit
- Compressor protection
- Manual and remote control
- Powerful cooling, heating and dehumidification
- Quiet operation
- Closable air outlets
- Remote controller
- Built-in LED lamp

INDOOR UNIT ULTRASLIM  
AND INNOVATIVE DESIGN



ASV-25BS  
ASV-35BS

UP-  
GRADED



## FIX SPEED



## TECHNICAL PARAMETERS

MODEL			ASV-25BS	ASV-35BS	
Capacity cooling / heating	kW		2,6 / 2,4	3,6 / 3,4	
Power supply	Phase / Hz / V		1~ / 50 / 220-240	1~ / 50 / 220-240	
EER / COP	-		2,3 / 2,2	2,8 / 2,7	
Sound pressure level at 1m	ID	dB(A)	53 / 47 / 42	54 / 48 / 43	
	OD	dB(A)	53	54	
Dimension (w x h x d)/Net weight	ID	mm / kg	610 x 49 x 485 / 2,7	610 x 49 x 485 / 2,7	
	OD	mm / kg	1077 x 283 x 720 / 35,0	1077 x 283 x 720 / 35,0	
Operating temperature range cooling/heating	°C		18-46 / -5-24	18-46 / -5-24	



# BOAT SERIES

**FEATURES**

- Compact space-saving design
- Power supply 50/60 Hz
- High COP compared to air-cooled units
- Corrosion proof and rust prevention coating
- High quality of heat insulating material
- Operating temperature range:  
Cooling: 16~43 °C (10 °C~35 °C of inlet water)  
Heating: -10~30 °C (4 °C~25 °C of inlet water)
- Wired and remote controller as standard

**R410A**  
REFRIGERANT



ASB-05A  
ASB-09A  
ASB-12A  
ASB-16A



ASB-24 A

## FIX SPEED



**TECHNICAL PARAMETERS**

MODEL			ASB-05A	ASB-09A	ASB-12A
Capacity cooling / heating	kW		1,1 / 1,4	2,1 / 2,2	3,1 / 3,2
Power supply	Phase / Hz / V		1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240
SEER / SCOP	-		2,0 / 2,6	2,3 / 2,5	2,8 / 2,9
Sound pressure level at 1m	ID	dB(A)	58	58	58
Dimension (w x h x d)/Net weight	ID	mm / kg	285 x 408 x 295 / 25,5	380 x 408 x 310 / 28,0	380 x 420 x 330 / 33,0
Operating temperature range cooling / heating	°C		16~43 / -10~30	16~43 / -10~30	16~43 / -10~30

MODEL			ASB-16A	ASB-24A	
Capacity cooling / heating	kW		3,2 / 4,0	6,4 / 6,7	
Power supply	Phase / Hz / V		1~ / 50 / 220-240	1~ / 50 / 220-240	
SEER / SCOP	-		2,7 / 3,1	4,4 / 3,8	
Sound pressure level at 1m	ID	dB(A)	62	60	
Dimension (w x h x d)/Net weight	ID	mm / kg	450 x 465 x 330 / 37,5	595 x 529 x 386 / 60,0	
Operating temperature range cooling / heating	°C		16~43 / -10~30	16~43 / -10~30	

# LOCAL AIR CONDITIONERS

**R290**  
NATURAL  
REFRIGERANT



AMC-11P  
AMC-14P

### FEATURES

- Auto-protection function
- Independent dehumidifying function
- Rotary compressor
- Exchangeable filter
- 24-hour timer
- Environmentally friendly
- Auto restart function
- 2-year warranty
- Remote controller

### STANDARD ACCESSORIES

- AMC-WINK window kit

### OPTIONAL ACCESSORIES

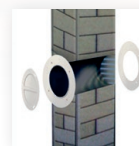
- AMC-WK Wall kit  
Enables to attach the discharge hose to a wall. Hot air is discharged outside through hole. The kit includes inner and outer outlet and a cover.
- WK-400A Window kit  
For installation to half open window. Hot air discharge is secured thanks to fixed hose and the cloth prevents hot air from entering the room. Also for roof windows with hinges on shorter side. Total length is 4,0 m. Set includes velcro for installation.
- AK-15A Control module  
Enables to place the air conditioners outside the room.



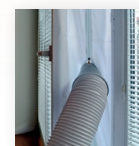
AMC-WINK



AMC-WK



WK-400A



AK-15A



### TECHNICAL PARAMETERS

MODEL			AMC-11P	AMC-14P	
Capacity cooling / heating	kW		3,0 / 3,0	4,0 / 4,0	
Power supply	Phase / Hz / V		1~ / 50 / 220-240	1~ / 50 / 220-240	
EER / COP	-		2,6 / 3,1	2,6 / 3,1	
Energy class cooling / heating	-		A / A++	A / A++	
Sound pressure level at 1m	ID	dB(A)	65	65	
Dimension (w x h x d)/Net weight	ID	mm / kg	300 x 760 x 532 / 28,5	300 x 760 x 532 / 30,6	
Operating temperature range cooling/heating	°C		17-32 / 7-25	17-32 / 7-25	





# MOBILE DEHUMIDIFIERS

**R290**  
NATURAL  
REFRIGERANT

## FEATURES

- Powerful dehumidifying function
- Silent operation and mode indicators
- Drying
- Low power consumption
- Autorestart
- Indication of opened water tank
- External drain water outlet
- Protection of overflowing
- 2-year warranty



## TECHNICAL PARAMETERS

MODEL		CFO-16P	CFO-20P	CFO-40P
Dehumidifying volume	l / day	16,0	20,0	40,0
Power supply	Phase / Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240
Power input / Max. power input	W	220 / 245	360 / 450	670 / 900
Rated current	A	1,1	2,1	4,0
Sound pressure level at 1m	dB(A)	41 / 38	43 / 41 / 39	48 / 45 / 42
Water tank volume	l	2,5	3,5	6,5
Optimal room size	m <sup>2</sup>	20	28	48
Dimension (w x h x d)/Net weight	mm / kg	305 x 490 x 192 / 10,5	363 x 577 x 245 / 15,5	396 x 625 x 286 / 22,5
Operating temperature range	°C	5-32	5-32	5-32

# AIR PURIFIER

## FEATURES

- Multilevel filtration and air purification
- UV-C LED technology for the elimination of viruses and bacteria
- HEPA H13 filter with silver nanoparticles
- Active carbon filter
- Negative ion generator for air freshening
- Air quality sensor and indication
- 3 fan speeds
- Mode: turbo/smart/sleep
- Filter lifespan up to 2000h

## STANDARD ACCESSORIES

- HEPA filter
- Active carbon filter
- Cotton filter

## OPTIONAL ACCESSORIES

- SPF-75 replacement dust filters



SP-75UV

-  Stop Virus
-  Stop Bacteria
-  Stop Mold
-  Stop Allergens
-  Stop Dust
-  Stop Smoke

## UV-C LED



## TECHNICAL PARAMETERS

MODEL		SP-75UV		
Optimal room size	m <sup>2</sup>	75		
Power supply	Phase / Hz / V	1~ / 50 / 220-240		
Cleaning volume (CADR)	m <sup>3</sup> / h	600		
Sound pressure level at 1m	dB(A)	22-57 (max)		
Dimension (w x h x d) / Net weight	mm / kg	320 x 745 x 320 / 9,7		
Operating temperature range	°C	0-40		



# AIR PURIFIER

## FEATURES

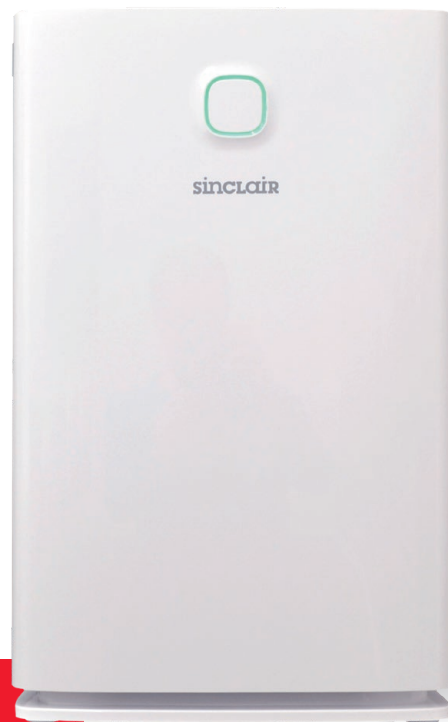
- Anion generator
- Auto detecting of air quality
- Multiple filtration system
- HEPA and carbon filter
- Ultrasilent mode
- Low power consumption
- Timer
- 2-year warranty

## STANDARD ACCESSORIES

- HEPA filter
- Active carbon filter
- Cotton filter

## OPTIONAL ACCESSORIES

- SPF-45N dust filter set



SP-45AN®

healthy world  
Sinclair



## TECHNICAL PARAMETERS

MODEL		SP-45AN		
Optimal room size	m <sup>2</sup>	10 - 45		
Power supply	Phase / Hz / V	1~ / 50 / 220-240		
Cleaning volume (CADR)	m <sup>3</sup> / h	340		
Sound pressure level at 1m	dB(A)	19 - 51		
Dimension (w x h x d) / Net weight	mm / kg	374 x 594 x 201 / 6,8		
Operating temperature range	°C	0-40		



intelligent world  
Sinclair



## ACCESSORIES

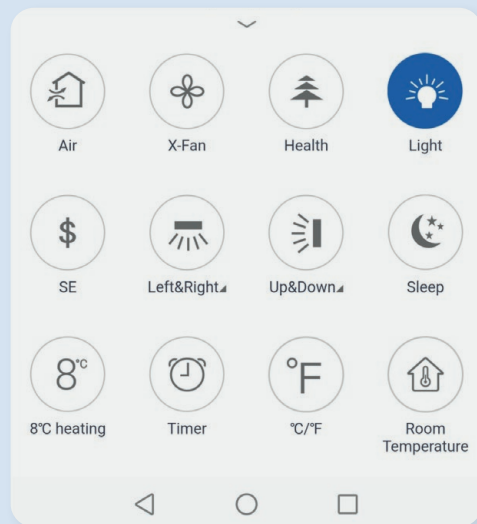
### WIFI EWPE APPLICATION

EWPE Smart app is designed for distant control of Sinclair air conditioners via Wi-Fi. Create an account, register the unit and control your air conditioner from anywhere at anytime.

One device can be controlled by more users and one user can control up to 30 units.

The app is compatible with smart home assistants Google Assistant and Amazon Alexa and is only compatible with 2.4 GHz Wi-Fi network.

The app is available in Google Play and App Store.



### WIRED CONTROLLERS

#### SWC-02

SWC-02 for MULTI VARIABLE, wall mounted and console series. This optional wired controller is connected directly to the indoor unit. It also serves as a Modbus gateway.

- Address setting for central/long distance control
- Displaying unit status and error codes
- Modbus gateway
- Timers (daily, weekly, two-week)

#### SWC-03U

Updated version of SWC-03 with more functions and IR receiver. Compatible with indoor units of UNI SPLIT series. This optional wired controller is connected directly to the indoor unit.

- Address setting for central/long distance control
- Displaying unit status and error codes
- Child lock
- Auto restart
- Timers (daily, weekly, two-week)

#### SWC-04

For Multi Variable indoor units, SIH wall mounted units and console series. The controllers allows Wifi control even at units without such function - cassette, duct and floor-ceiling. It also serves as a Modbus gateway.

- Wifi module inside
- Address setting for central/long distance control
- Child lock
- Auto restart
- Modbus gateway



SWC-02  
SWC-03U



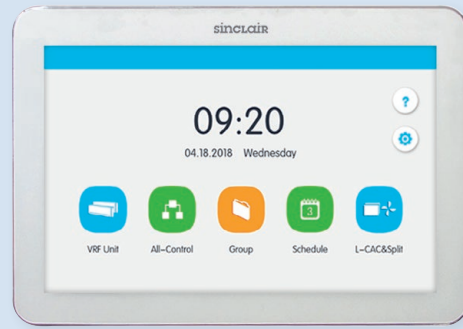
SWC-04



## CENTRAL CONTROLLER AND WEEKLY TIMER SCC-36

Can be used with UNI SPLIT series, Multi Variable series and wall mounted units equipped with wired controller.

- Stylish central controller with touch screen
- Connects up to 36 indoor units
- User friendly interface
- Weekly timer
- Single, group or all units control



## CENTRAL CONTROLLER AND WEEKLY TIMER SCC-16

Can be used with UNI SPLIT series, Multi Variable series and wall mounted units equipped with wired controller.

- Weekly timer (minimum runtime 0.5h)
- Connection via wired controller
- Connects up to 16 indoor units



## WIFI MODULE SWM-03

- WIFI module can be connected to indoor unit to achieve long distance control with smart phone or tablet
- SWM-03 is optional accessory for UNI SPLIT units.



## CONTROL MODULE SCMI-03S

Control module for Air Conditioners in Server rooms

- For 2 air conditioners in same room
- Periodic switching of the units
- Turning on the 2nd unit when there is lack of capacity
- Error signalization when limit temperature is exceeded





## DIAGNOSTIC TOOL SDT-MV

- For multi split air conditioning
- Compatible with multi variable, multi system and high power multi system series
- Automatic detection of connected units
- User friendly interface
- Running parameters of whole system
- Connected to outdoor unit's mainboard
- 3 diodes (power supply, running, error)
- Power supply: USB connector (5V adapter is field supplied)



## DIAGNOSTIC TOOL SDT-ASH

- For split wall mounted units SIH+SOH-xxBIX
- Indoor and outdoor unit diagnostic
- Running parameters
- Simulation run of indoor or outdoor unit
- Test of indoor and outdoor mainboard during communication malfunction
- IR receiver (can be used during outdoor unit's test run)
- User friendly (just 4 buttons)
- Simple display (4 lines)
- No need for other accessories
- Connected to terminal board of units



## MODULE G2S-T

It is designed for external monitoring of two temperatures. In case of cooling or freezing goods and food or if technologies (eg. servers) are air-conditioned, it minimizes the risk of failure by sending a SMS or by phone ring to a pre-selected phone number.



## OPTIONAL FILTERS

### LTC CATALYST FILTER

A mechanical filter intercepts aerosols and particles, purifies indoor air under room temperature and condition, catalyzes and decomposes up to 80 % ammonia, hydrogen sulphide and aldehyde. This filter is constant and can be used for long time without regeneration. It is water washable and the effect is the same after wash. Accessories for all wall mounted types of air conditioning.

### CATECHIN FILTER SAF-OPWC

Catechin is a green tea extract, which is being added to the filters for its oxidizing and sterilizing effects. Active enzymes form a benzene nucleus which absorbs odors and harmful substances in the air. Catechins filter effectively captures and sterilizes dust particles. It is antibacterial and destroys more than 95 % of bacteria, e.g., Staphylococcus aureus.

### ACTIVE CARBON FILTER SAF-OPWA

Activated carbon is an excellent absorbent with capability of dual absorption: physical and chemical, as from air and from fluids. Quickly absorbs harmful gases, e.g., benzene, formaldehyde and ammonia.

### PHOTOCATALYTIC FILTER SAF-OPWP

Photocatalytic filter reduces odors and germs via its ultraviolet light. Effectively purifies the air and keeps it fresh. Titan TiO<sub>2</sub> contained in this filter has a strong photocatalytic effect, but it is also environmentally friendly. Removes from the air more than 90 % of acetic acid, formaldehyde, ammonia and more than 70 % of renewable pollutants.

### SILVER ION FILTER SAF-OPWS

Silver ion filter is an entirely new kind of powerful sterilizing product. Silver ions are odorless and colorless and have no side effects, such as irritation, pollution or volatility. After sterilization the ions recycle themselves, therefore have a long lifespan and effectively prevent bacterial growth. The filter is also environmentally friendly and completely safe. It is highly efficient and destroys over 99 % of the bacteria. Silver ions themselves attract bacteria and microorganisms, pass through the cell membrane and inhibit the cleavage activity of the bacteria. Disrupts DNA structure of bacteria and microorganisms, causing a loss of reproductive ability of bacteria.

### BIOLOGICAL ANTI-BACTERIA FILTER SAF-OPWB

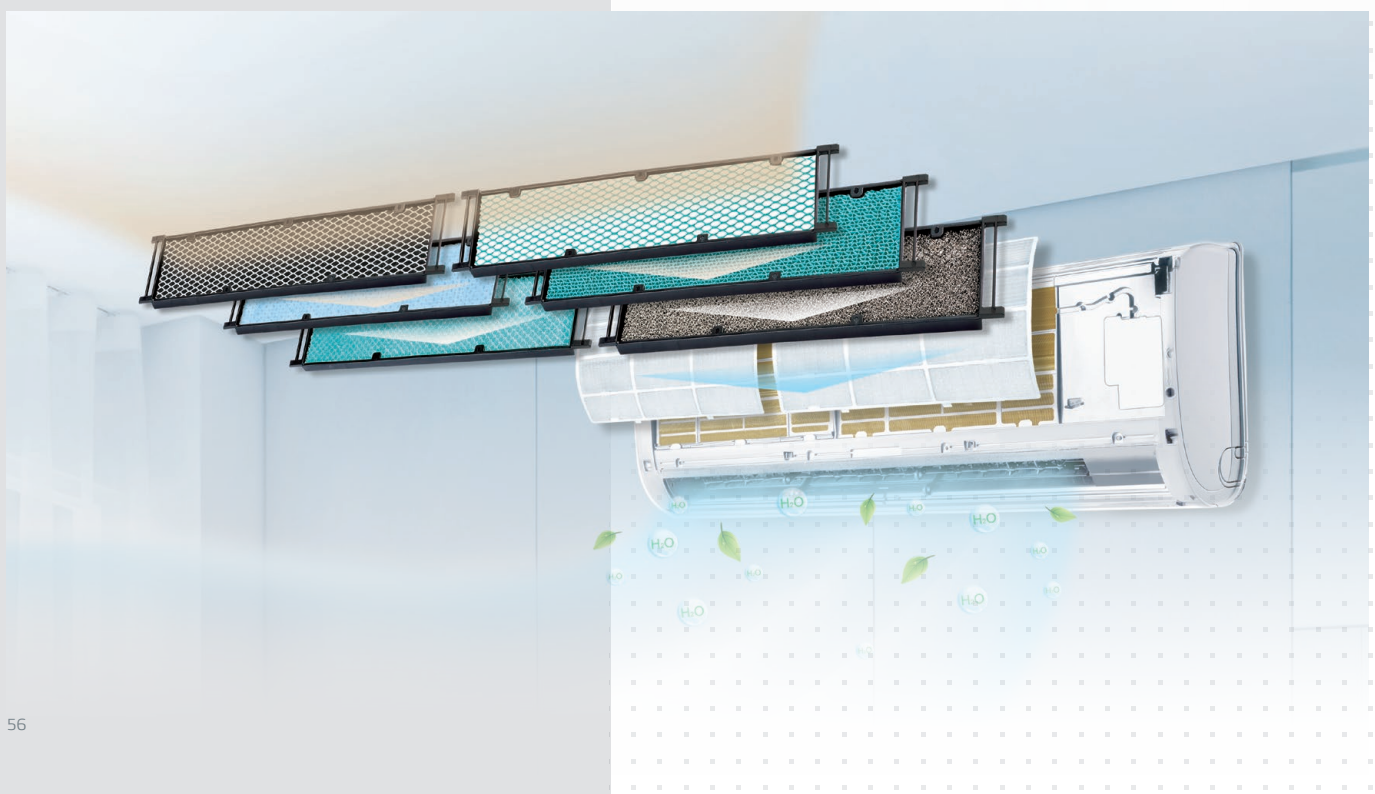
This filter is made of a material with excellent capabilities of sterilizing and capture of dust. When air flows through the filter, dust and bacteria are retained on the filter surface, which is bio-bactericidal. In case of attachment of microbes, bio-bactericidal surface disrupts its metabolism and limits its growth. Efficiency of capturing of Escherichia coli and Staphylococcus aureus is higher than 95 %.

### ANTI MITE FILTER SAF-OPWM

This type of filter helps you to remove almost 90 % of mites quickly. Anti Mite filter appreciate especially people with allergies and asthma.

### COLD CATALYST FILTER SAF-OPWK

Material of this filter is PU polyurethane, multiple catalyst fiber. Effectively catch and remove formaldehyde and other volatile organic compounds (VOCs) as well as harmful gases and odors. Cold catalyst filter can reach a 92.9 % formaldehyde removal ratio within 2.5 hours.







## NOTES AND EXPLANATIONS

### Shortcuts used in tabs:

- ID/OD - indoor unit / outdoor unit
- A,W,C - average, warm, cold climate

Devices contain fluorinated greenhouse gases covered by the Kyoto Protocol.

### GWP of used refrigerants:

- R410a (50 % HFC-32, 50 % HFC-125) = 2088
- R32 (100 % HFC-32) = 675
- R290 (100 % CH<sub>3</sub>CH<sub>2</sub>CH<sub>3</sub>) = 3

### Air conditioners data are based on following conditions:

Length of connection pipe: 5m. Cooling: indoor temperature 27 °C DB/19 °C WB, outdoor temperature 35 °C DB/24 °C WB. Heating condition: indoor temperature 20 °C DB/15 °C WB, outdoor temperature 7 °C DB/6 °C WB. SEER/SCOP was calculated according to European standards contained in EN14825, based on part load classifying and testing conditions given by norm EN14511.

Dehumidifiers data comply with norm EN810. Dehumidifying volume is measured according to EN60335-2-40, test conditions: DB 30 %, RH 80 %



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