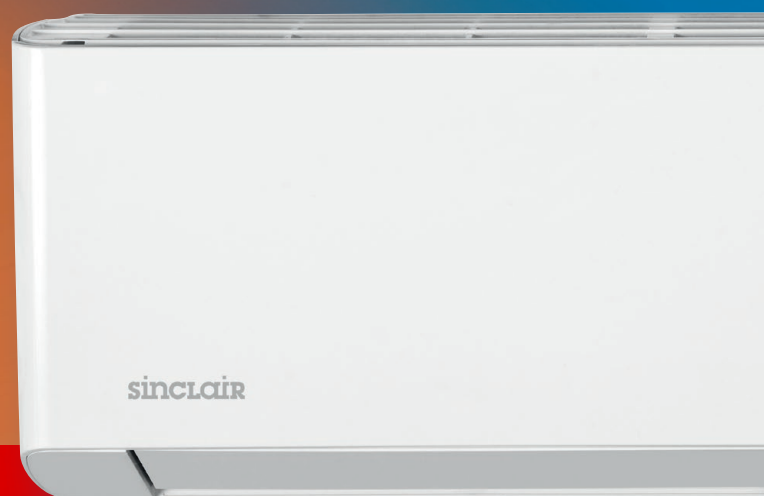




World in
motion

RESIDENTIAL
LIGHT COMMERCIAL
AIR CONDITIONING
2023-2024





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 fulfil 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.

WWW.SINCLAIR.AFRICA

Contact Us: info@sinclair.africa

**SUMMARY**

- 4 20 YEARS WITH YOU, 20 YEARS WITH US SMART
- 7 FUNCTIONS SINCLAIR
- 8 SINCLAIR ECOLOGY
- 10 SPECTRUM PLUS SERIES
- 11 TERREL SERIES
- 13 KEYON SERIES
- 14 FLEX SERIES
- 17 MULTI VARIABLE SERIES OUTDOOR UNITS MULTI
- 18 VARIABLE SERIES INDOOR UNITS UNI SPLIT SERIES
- 23 UNI SPLIT OUTDOOR UNITS
- 25 UNI SPLIT SERIES INDOOR UNITS
- 29 CAMPER TRAILER SERIES
- 31 BOAT SERIES
- 33 ACCESSORIES
- 37 OPTIONAL FILTERS
- 39 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!





circulair

REPARATIE

WASMAASCHIJNEN

WASMAASCHIJNEN

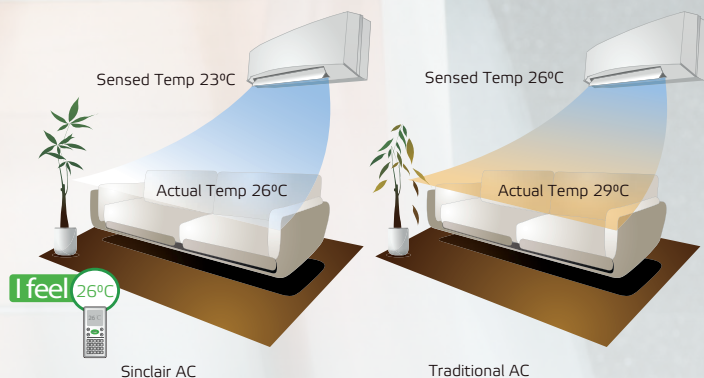




SMART FUNCTIONS SINCLAIR

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.

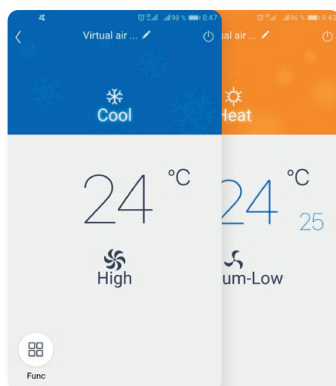
8 °C HEATING

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 CO₂ 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







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

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-03S
- 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

Indoor units are compatible with Multi Variable series



DC INVERTER PLASMA+TEC



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



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

*Kindly note that the Terrel range is available on a project order basis



KEYON SERIES

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

FLEX SERIES

ECOLOGICAL
REFRIGERANT R32

FEATURES

- Energy class A / B
- 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
- Wired Control

Indoor units up
to are
compatible
with Multi
Variable series

SIH-09BIF + SOH-09BIF
SIH-12BIF + SOH-12BIF
SIH-18BIF + SOH-18BIF
SIH-24BIF + SOH-24BIF
SIH-36BIF + SOH-30BIF
SIH-36BIF + SOH-36BIF

DC INVERTER PLASMA+TEC



TECHNICAL PARAMETERS

MODEL		SIH-09BIF + SOH-09BIF	SIH-12BIF + SOH-12BIF	SIH-18BIF + SOH-18BIF	SIH-24BIF + SOH-24BIF
Capacity cooling / heating	kW	2,5 / 2,8	3,3 / 3,3	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
EER	-	3,11	3	3,3	3,01
Energy class cooling/ heating (A, W, C)	-	B	B	A	B
Sound pressure level at 1m	ID	dB(A)	40/38/35/33/29/25/24	41/37/35/33/31/29/27	44/42/38/34
	OD	dB(A)	51	51	55
Dimension (w x h x d)/Net weight	ID	mm / kg	704×260×185 / 7,5	773×250×185 / 8,4	972×300×225 / 13,5
	OD	mm/kg	710×450×293 / 21,0	732×555×330 / 25,5	732×550×330 / 26,5
Operating temperature range cooling/heating	°C	-15~43 / -15~24	-15~43 / -15~24	-15~43 / -15~24	-15~43 / -15~24

MODEL		SIH-30BIF + SOH-30BIF	SIH-36BIF + SOH-36BIF		
Capacity cooling / heating	kW	8.9/10	10.6/10.6		
Power supply	Phase / Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240		
EER	-	3,2	3,3		
Energy class cooling/ heating (A, W, C)	-				
Sound pressure level at 1m	ID	dB(A)	48/44/41/40/38/36/33	50/44/43/40/36/34/32	
	OD	dB(A)	59	60	
Dimension (w x h x d)/Net weight	ID	mm / kg	1081×325×248 / 16	1075×333×246 / 16	
	OD	mm/kg	958×660×402 / 41,5	958×660×402 / 43,5	
Operating temperature range cooling/heating	°C	-15~43 / -15~24	-15~43 / -15~24		

Note: Range availability may be subject to validation/branch confirmation





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



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

*Kindly note that the Terrel range is available on a project order basis



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-C12BI2	MV-C18BI2	MV-C24BI2		
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-D09BI2	MV-D12BI2	MV-D18BI2	MV-D24BI2	
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
- Autorestart function
- Anticorrosion treatment of exchangers
- Compatible with SCMI-01.4 communication module - can be used as separate condensing unit
- Optional bottom chassis heater

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



DC INVERTER



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	



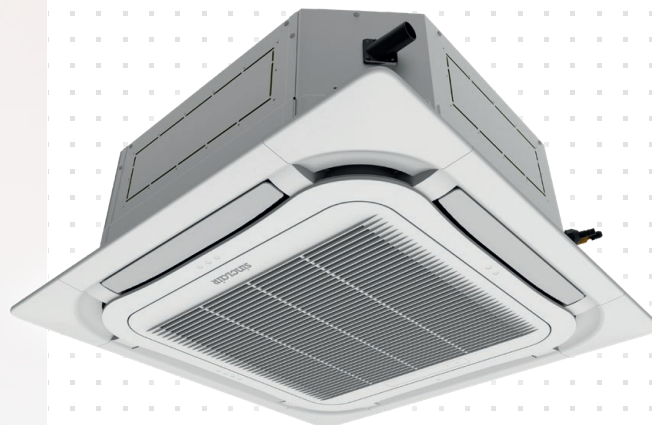
UNI SPLIT SERIES

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

ECOLOGICAL
REFRIGERANT **R32**



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 / 3,8	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	
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

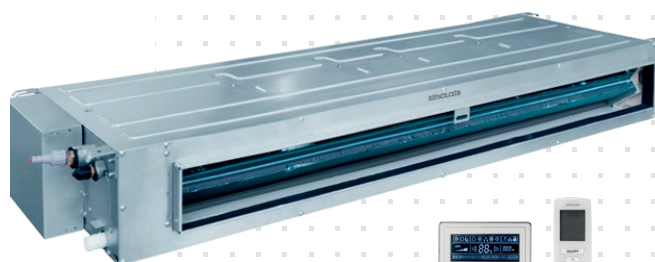
MODEL		ASF-12BI	ASF-18BI	ASF-24BI	ASF-30BI	ASF-36BI
Capacity cooling / heating	kW	3,5 / 4,0	5,0 / 5,5	7,0 / 8,0	8,5 / 8,8	10,0 / 12,0
Power supply	Phase / Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240
SEER / SCOP	-	6,7 / 4,0	6,1 / 4,0	6,8 / 3,9	6,1 / 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		



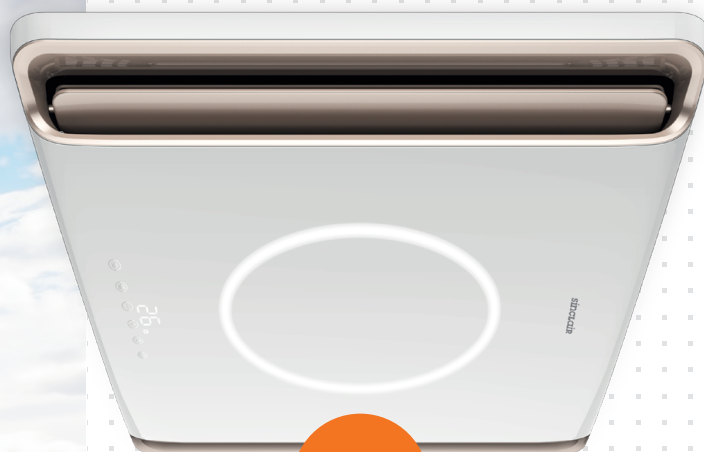
CAMPER TRAILER SERIES

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

ECOLOGICAL
REFRIGERANT  R32

INDOOR UNIT ULTRASLIM
AND INNOVATIVE DESIGN



ASV-35BS

UP-
GRADED



FIX SPEED



TECHNICAL PARAMETERS

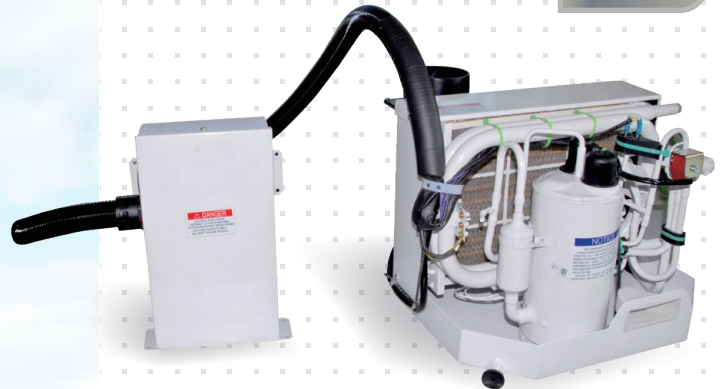
MODEL			ASV-35BS		
Capacity cooling / heating	kW		3,6 / 3,4		
Power supply	Phase / Hz / V		1~ / 50 / 220-240		
EER / COP	-		2,8 / 2,7		
Sound pressure level at 1m	ID	dB(A)	54 / 48 / 43		
	OD	dB(A)	54		
Dimension (w x h x d)/Net weight	ID	mm / kg	610 x 49 x 485 / 2,7		
	OD	mm / kg	1077 x 283 x 720 / 35,0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



ACCESSORIES

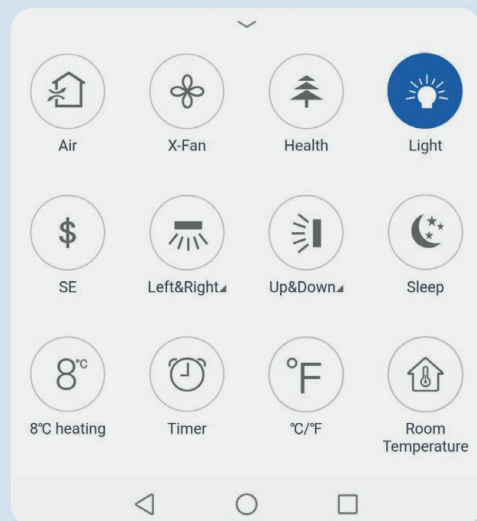
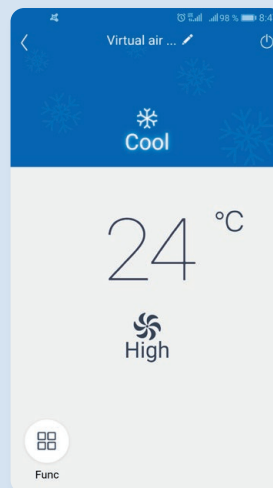
WIFI EWPE APPLICATION

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



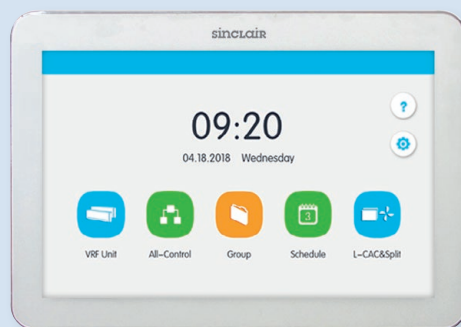
SWC-04

NEW

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



ACCESSORIES

BACNET GATEWAY SBG-01

Bacnet gateway allows external control via Bacnet protocol. One gateway can communicate with up to 255 indoor units. The connection is done via SWC-02, SWC-04 and SMG-01.



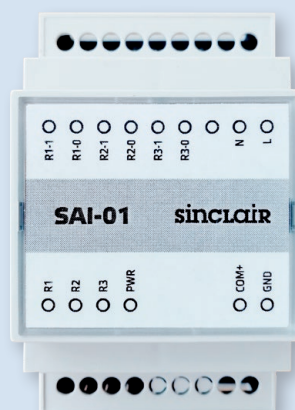
MODBUS GATEWAY SMG-01

- Enables the communication of indoor units of UNI SPLIT series via the Modbus protocol.
- Can be used for connection of external control system, which uses Modbus protocol or for connection of central controller SCC-36 or SCC-16 respectively
- Control software is not included, it has to be field supplied



ALARM INTERFACE SAI-01

The SAI-01 is an external, separately powered module, which can be connected to the communication line of wall-mounted air conditioner to indicate the operational or malfunction status of the air conditioner. Only for split air conditioners SIH+SOH-xxBIX and ASP-xxBI.



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 TiO₂ 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

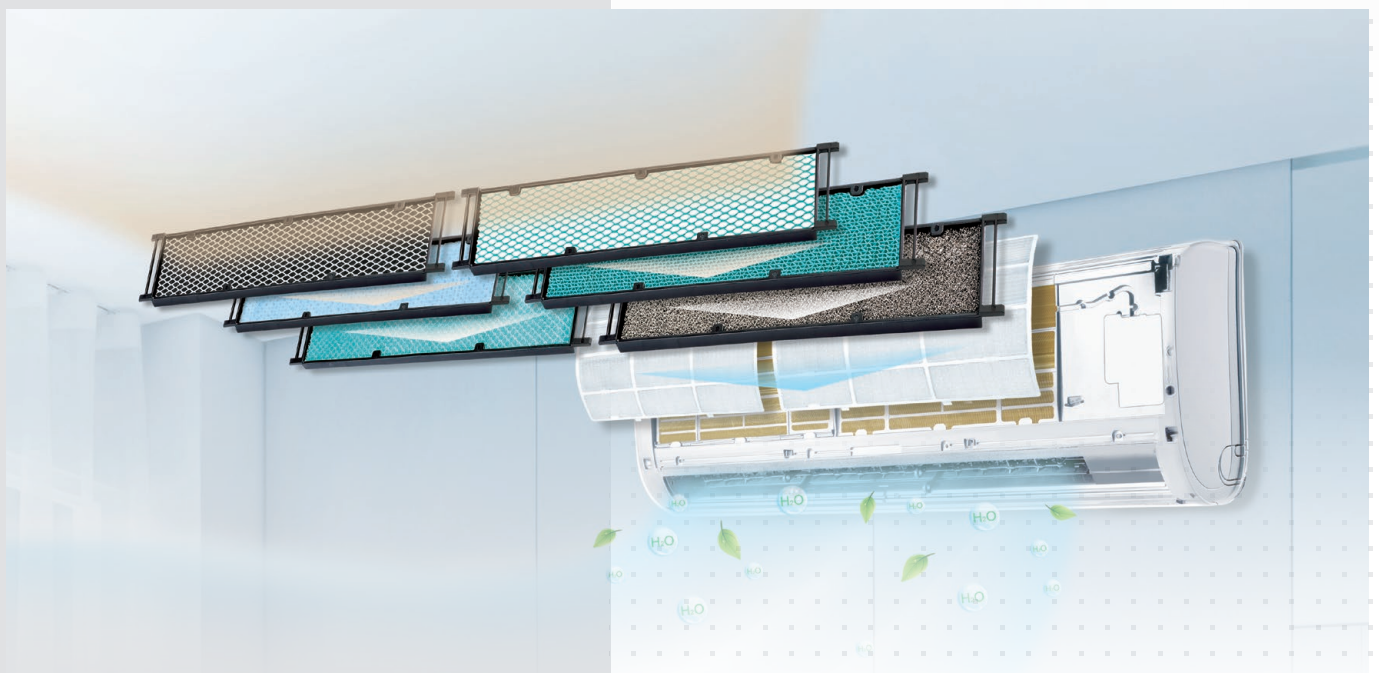
This filter is made of a material with excellent capabilities of sterilizing and capture of dust. When air flows through the filter, dust and bacteria are retained on the filter surface, which is bio-bactericidal. In case of attachment of microbes, bio-bactericidal surface disrupts its metabolism and 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 % CH₃CH₂CH₃) = 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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The noise levels mentioned in this catalogue are values measured under ideal conditions, in an anechoic chamber. These values can be influenced by local conditions (acoustical bouncing area, the equipment of the room, etc.).

The pictures of units and accessories are illustrative only.

The specification of products is subject to change based on further development of the units by the producer and can be changed without prior notice.

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