FLEX
SERIES

RESIDENTIAL
LIGHT COMMERCIAL
AIR CONDITIONING
2022/3

sinclair
AIR CONDITIONING

2⦿
**YEARS
WITH YOU**

FLEX SERIES

ECOLOGICAL REFRIGERANT **R32**

FEATURES

· Energy class A / B
· Dual side water outlet
· Hidden display
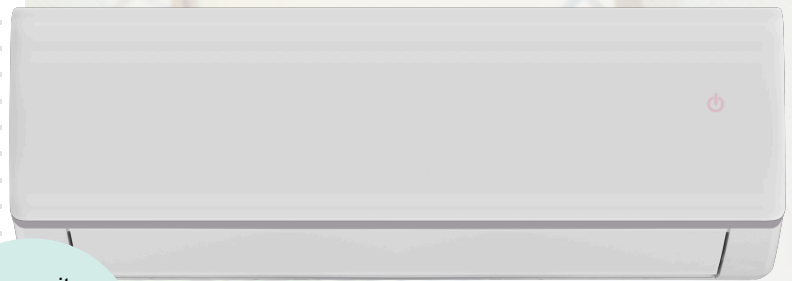· Function "I FEEL"
· 8 ºC heating

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 7kw 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**

Blue Fin | R32 | | LED | Turbo | | | | AUTO

zZ | | | | 8℃ | | |

TECHNICAL PARAMETERS

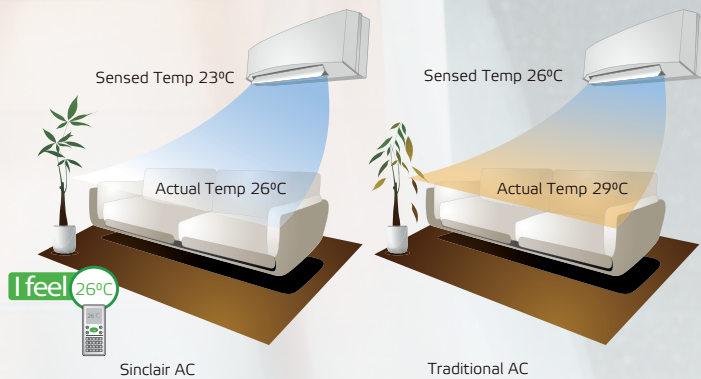| MODEL			SIH-09BIF + SOH-09BIF	SIH-12BIF + SOH-12BIF	SIH-18BIF + SOH-18BIF	SIH-24BIF + SOH-24BIF
Capacity cooling / heating	kW		2,5 / 2,8	3,3 / 3,3	4,6 / 5,2	6,2 / 6,5
Power supply	Phase / Hz / V		1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240
EER	-		3,11	3	3,3	3,01
Energy class 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	49/46/43/41/38/34/31
	OD	dB(A)	51	51	55	58
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	972 x 300 x 225 / 13,0
	OD	mm/kg	710×450×293 / 21,0	732×555×330 / 25,5	732×550×330 / 26,5	873×555×376 / 35,5
Operating temperature range cooling/heating	ºC		-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	ºC		-15~43 / -15~24	-15~43 / -15~24		

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.

Sensed Temp 23ºC | Sensed Temp 26ºC
Actual Temp 26ºC | Actual Temp 29ºC
I feel 26ºC
Sinclair AC | Traditional AC

LOW AMBIENT TEMPERATURE FUNCTION

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

-30 ºC HEATING
Operates finely when heating at -30 ºC. It is supported by SINCLAIR electrical heating chassis, preheating technology and frequency-adjusting compressor.
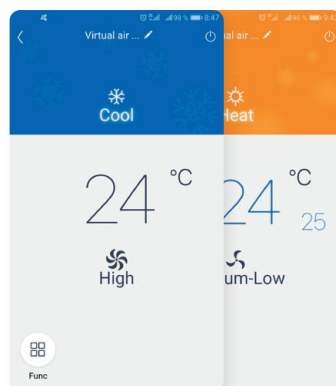
8 ºC HEATING
Maintains the room temperature steadily at 8 ºC and prevents the room from freezing by heating operation when nobody is at home for long time.

-30℃ | -15℃ | 8℃ heating

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.

App Store | Google play

Cool 24 ℃ High | Heat 24 ℃ 25 Medium-Low | Func

Icon	Feature
Blue Fin	Anticorrosion treatment of exchangers
R32	Refrigerant
	Flexible adjusting lamels
LED	Diagnostic LED display
Turbo	"TURBO" button
	Intelligent defrosting
	Operation in the winter time
	Silent operation
	24-hour timer
24:00	Clock display
	WiFi function
	Dehumidifying mode
AUTO	Automatic operation
	Comfortable sleep mode
	Cold air prevention
	Self-diagnosis
	Auto-restart function
	Lock
8℃	8 ºC heating
	I feel
	7 speeds of fan
	Fresh air ventilation
	Optional health filters
	Low power consumption
	Filter cleaning timer