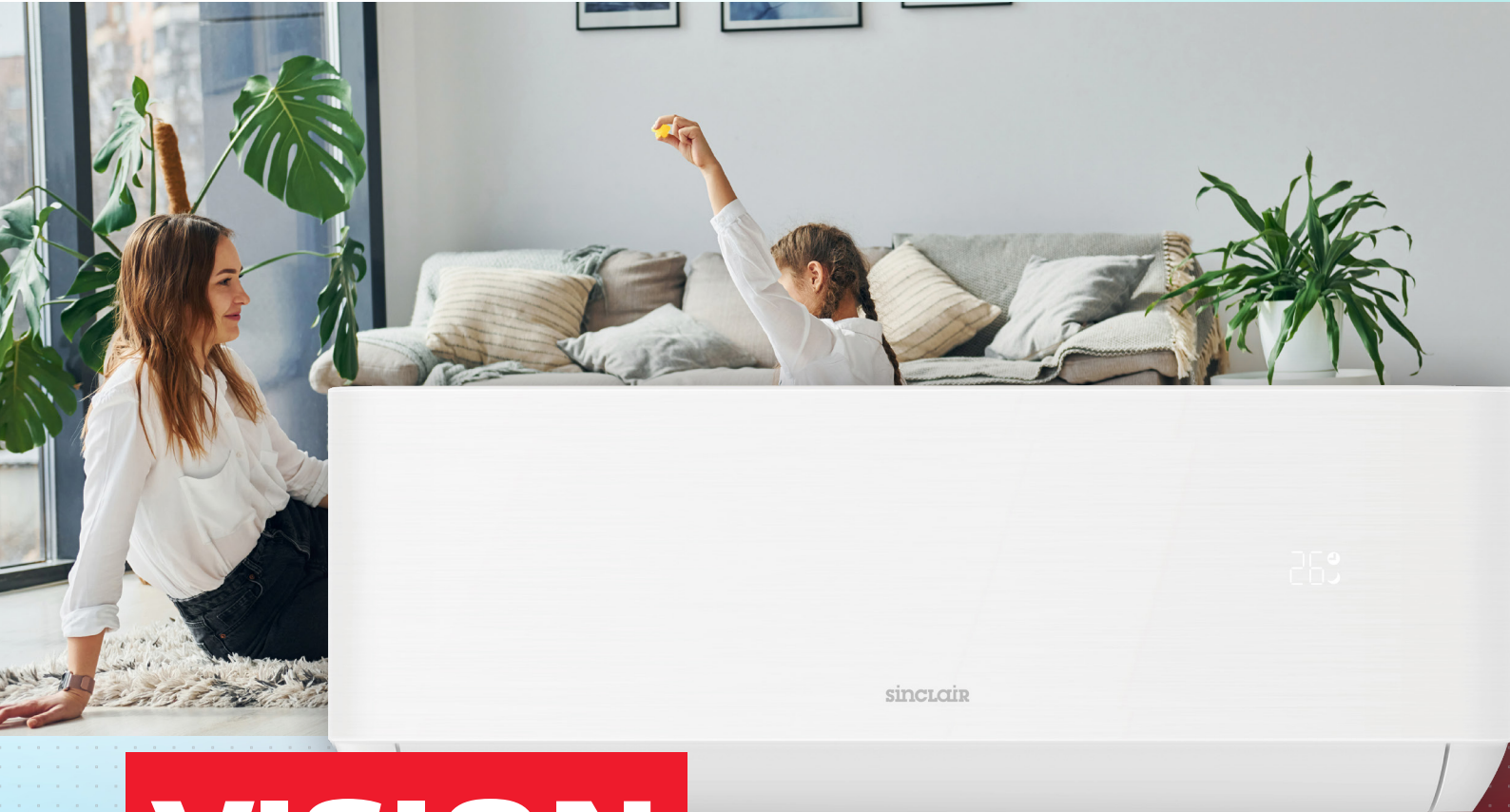


A **NEW** KIND OF COMFORT



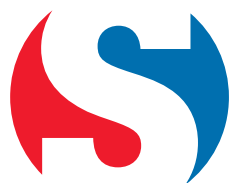
VISION

SERIES

HEAT PUMP

- Energy efficiency
- Built-in air purification
- WiFi control
- Gentle airflow

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sinclair
HEAT PUMPS

VISION TECHNICAL PARAMETERS

MODEL / PART NO.	SIHA-10BV	SIHA-13BV	SIHA-18BV	SIHA-24BV	SIHA-28BV
	SOHA-10BV	SOHA-13BV	SOHA-18BV	SOHA-24BV	SOHA-28BV

PERFORMANCE

Rated Cooling Capacity		kW	2.64 (0.8~3.7)	3.53 (0.9~4.2)	5.3 (1.0~5.6)	7.2 (1.5~7.5)	8.2 (1.5~8.5)
Rated Heating Capacity		kW	3.3 (0.6~4.4)	3.65 (0.8~5.2)	5.3 (1.0~5.8)	7.3 (1.5~7.8)	8.4 (1.5~8.5)
Rated Input	Cooling	kW	0.55 (0.1~1.3)	0.87 (0.12~1.85)	1.3 (0.23~2.15)	2.1 (0.35~3.0)	2.39 (0.3~3.1)
	Heating	kW	0.75 (0.11~1.4)	0.85 (0.13~2.0)	1.22 (0.25~2.15)	1.83 (0.35~2.8)	2.3 (0.3~3.15)
AEER for Cooling		W/W	4.7	4	4	3.4	3.4
ACOP for Heating		W/W	4.4	4.2	4.3	4	3.6
TCSPP for Cooling	Hot / Mixed / Cold	-	7.0 / 6.0 / 6.0	6.2 / 5.6 / 5.1	6.2 / 5.7 / 6.0	5.1 / 4.8 / 5.0	5.2 / 4.8 / 5.1
HSPF for Heating	Hot / Mixed / Cold	-	5.1 / 4.7 / 4.3	5.1 / 4.7 / 4.2	5.0 / 4.6 / 4.1	5.1 / 4.5 / 3.9	5.0 / 4.3 / 3.7
Energy Star for Cooling	Hot / Mixed / Cold	-	5.5 / 4.5 / 4.5	4.5 / 4.0 / 4.0	4.5 / 4.0 / 4.0	3.5 / 3.0 / 3.5	3.5 / 3.0 / 3.5
Energy Star for Heating	Hot / Mixed / Cold	-	3.5 / 3.0 / 2.5	3.5 / 3.0 / 2.5	3.5 / 3.0 / 2.5	3.5 / 2.0 / 2.0	3.5 / 2.5 / 2.0
Operation Temperature Range		°C	16°C~31°C	16°C~31°C	16°C~31°C	16°C~31°C	16°C~31°C
Ambient Temperature Range	Outdoor Cool / Heat	°C	15-50 / -15-24	15-50 / -15-24	15-50 / -15-24	15-50 / -15-24	15-50 / -15-24
	Indoor Cool / Heat	°C	17-32 / 0-27	17-32 / 0-27	17-32 / 0-27	17-32 / 0-27	17-32 / 0-27
Moisture Removal	-	L/H	0.8	1.1	1.8	2.2	2.8
Sound Power	Indoor	dB(A)	54	54	60	64	65
	Outdoor	dB(A)	63	64	65	66	67
Sound Pressure	High (Dp)	MPa	4.3	4.3	4.3	4.3	4.3
	Low (Sp)	MPa	1.2	1.2	1.2	1.2	1.2

ELECTRICAL DATA

Power Supply	-	V	220-240V~50Hz	220-240V~50Hz	220-240V~50Hz	220-240V~50Hz	220-240V~50Hz
Running Current	Cooling	A	3.9 (0.4~5.8)	3.9 (0.5~8.6)	5.7 (1.2~12)	9.5 (1.5~14.5)	10.7 (1.5~14)
	Heating	A	3.4 (0.5~5.9)	3.9 (0.5~9.0)	5.8 (1.3~12)	8.3 (1.4~15.0)	10.3 (1.5~14)
Max Current Cooling/Heating	-	A	5.8 / 5.9	8.6 / 9.0	12	14.5 / 15.0	14 / 14
Max Input Cooling/Heating	-	W	1300 / 1400	1850/2000	2150	3000 / 2800	3100 / 3150
Standby Power	-	W	4	3.43	3.45	4.6	4.91
Connecting Wiring	-	-	3 Core Plus Earth (4 Cores)				

INSTALLATION

Connecting Pipe	Gas	mm	Φ9.52 (3/8")	Φ9.52 (3/8")	Φ12.7 (1/2")	Φ12.7 (1/2")	Φ12.7 (1/2")
	Liquid	mm	Φ6.35 (1/4")	Φ6.35 (1/4")	Φ6.35 (1/4")	Φ6.35 (1/4")	Φ6.35 (1/4")
Max. Pipe Length	Pre-Charged	Meters	15	15	20	20	20
Max. Height Difference	-	Meters	10	10	15	15	15
Refrigerant	Type / Weight	Kg	R32 / 0.520	R32 / 0.630	R32 / 1.140	R32 / 1.14	R32 / 1.27
Suitable Area	-	M ²	9~16	15~23	20~35	27~45	30~50
Net Dimensions (W x D x H)	Indoor	mm	820×306×195	820×306×195	1097×332×222	1097×332×222	1097×332×222
	Outdoor	mm	795×305×549	795×305×549	927×380×699	927×380×699	978×421×803
Net Weight	Indoor	Kg	9	9	13	14	14
	Outdoor	Kg	23	24	37	38.5	45