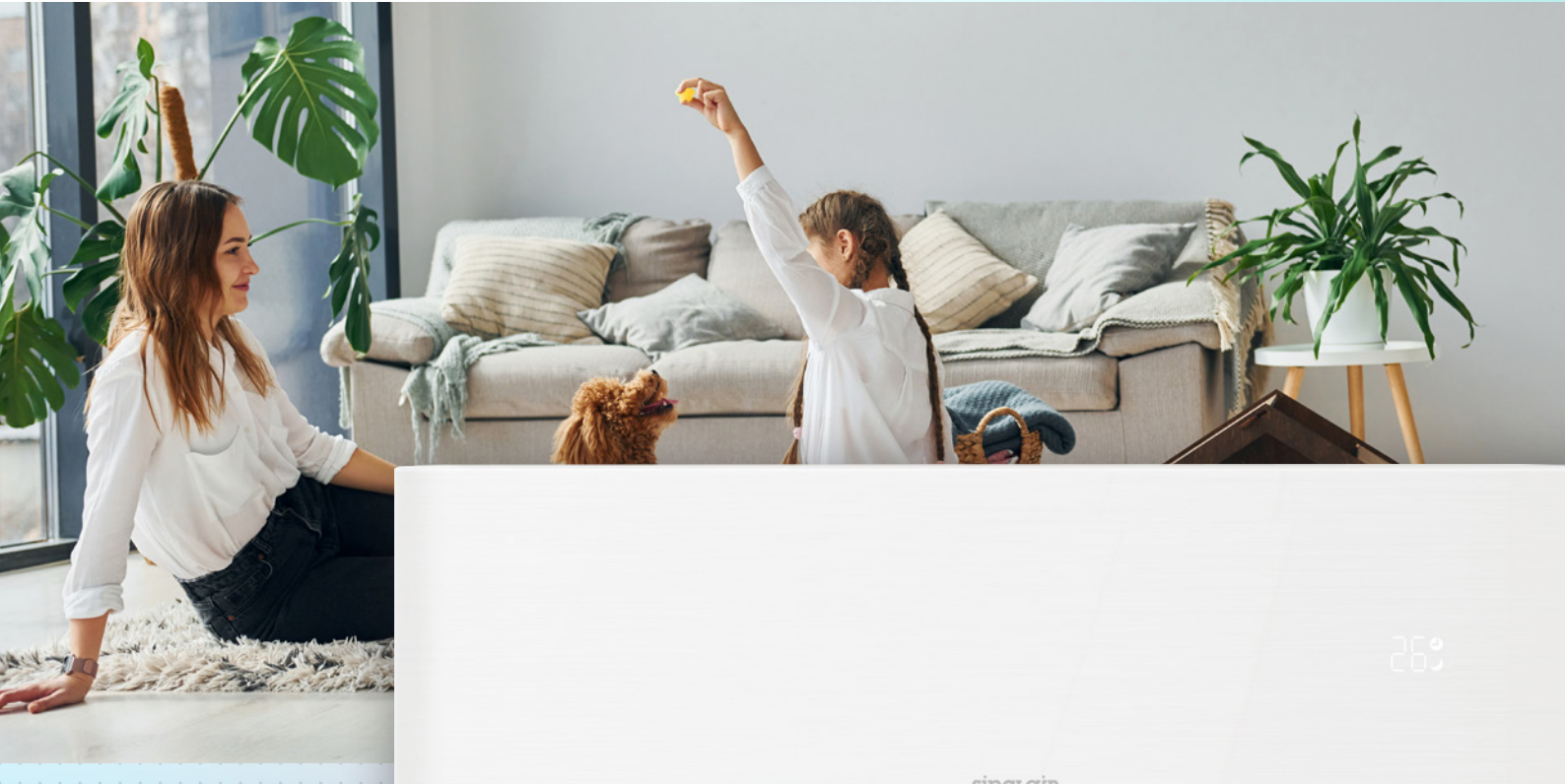


A **NEW** KIND OF COMFORT



VISION SERIES

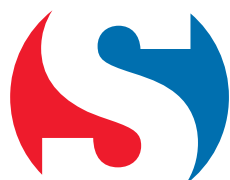
HIGH WALL HEAT PUMPS

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

6

YEARS
WARRANTY

[SINCLAIRNZ.CO.NZ](https://sinclairnz.co.nz)



sinclair
HEAT PUMPS

SINCLAIR 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
TCSPF 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		℃	16℃~31℃	16℃~31℃	16℃~31℃	16℃~31℃	16℃~31℃
Ambient Temperature Range	Outdoor Cool / Heat	℃	15-50 / -15-24	15-50 / -15-24	15-50 / -15-24	15-50 / -15-24	15-50 / -15-24
	Indoor Cool / Heat	℃	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 Pressure	Indoor	dB(A)	44/29/20	44/29/20	49/38/31	55/39/32	54/43/36
	Outdoor	dB(A)	53	54	55	57	58

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 (5)	15 (5)	20 (5)	20 (5)	20 (5)			
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	-	M²	9~16	15~23	20~35	27~45	30~50			
Net Dimensions (W x D x H)	Indoor	mm	820×195×306	820×195×306	1097×222×332	1097×222×332	1097×222×332			
	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			