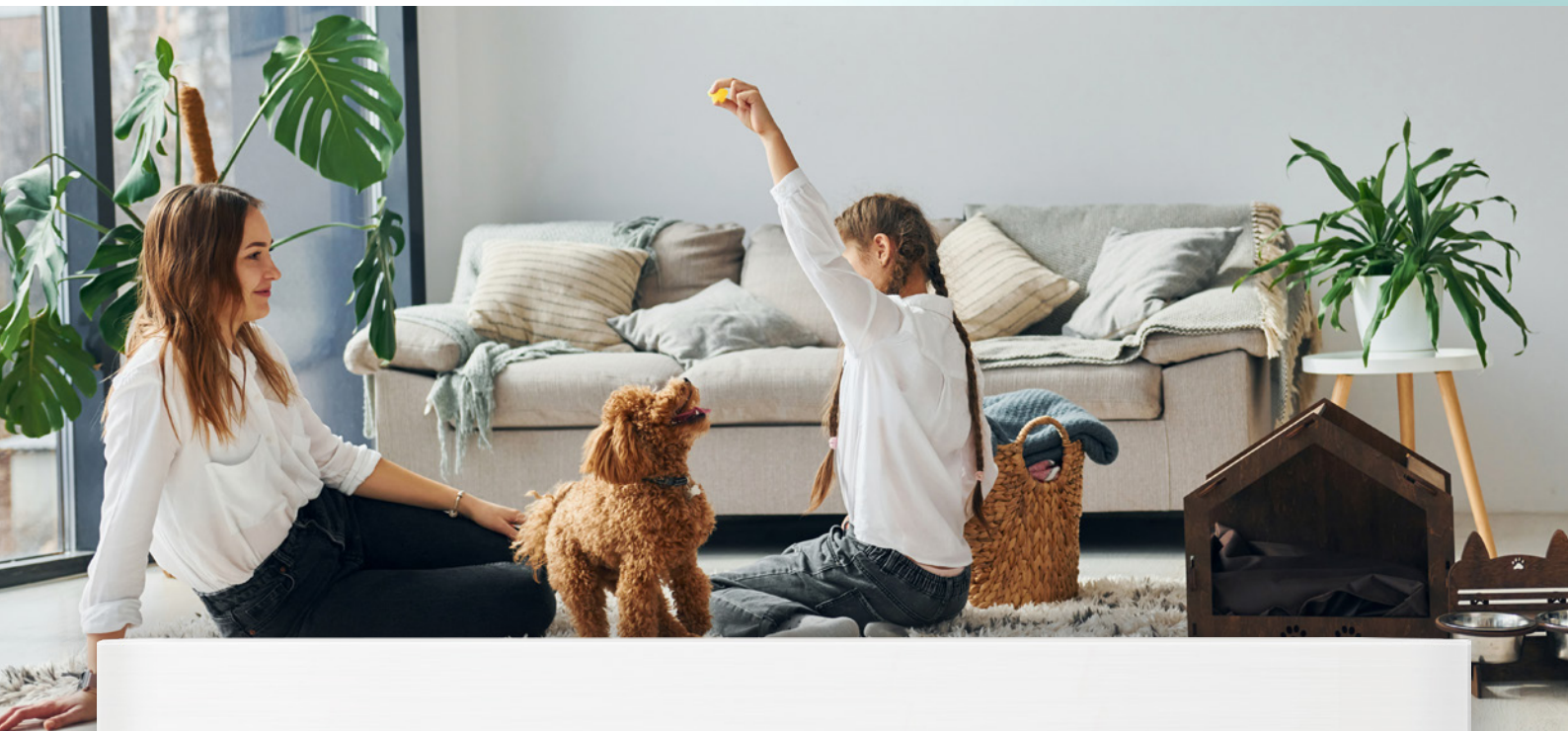




26.9

sinclair

VISION

SERIES

HIGH WALL HEAT PUMPS

6

**YEARS
WARRANTY**



Sinclair Vision high wall heat pumps elevate your living spaces with premium air conditioning performance, along with elegant and discreet European styling that blends into any setting.

EFFICIENCY

With efficiency foremost in its design, whether heating or cooling, Sinclair Vision uses inverter technology to optimize your environment while minimising energy consumption. With independent dehumidification, the Vision unit is not dependent on the cooling function to dehumidify the air, saving further on energy costs.

HEALTH AND COMFORT

Sinclair Vision reduces airborne particles while being easy to maintain with easily washable dust filters. Intelligent drying reduces moisture indoors, draining it outside where it belongs. The "I Feel" function instructs the unit to create your ideal conditions, even in larger, open spaces.

EXPERT INSTALLATION

Critical to the performance and reliability of a heat pump is the quality of installation. Sinclair NZ recommends your Vision unit be installed and checked by a qualified, professional heat pump installer.



ABOUT SINCLAIR

Sinclair has a long history of delivering cutting-edge air conditioning solutions for the wide diversity of European environments. For decades we have been developing and implementing the latest technologies to push the boundaries of performance and energy efficiency.

We understand different countries have a range of climates and needs, and we have designed the Vision range with New Zealand homes in mind.

FEATURES



INVERTER TECHNOLOGY



ANTI-CORROSION TREATMENT OF EXCHANGERS



ADJUSTABLE AIRFLOW



LED OPERATION AND DIAGNOSTICS



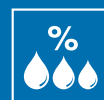
INTELLIGENT, AUTO DEFROST FUNCTION



24-HOUR TIMER



WIFI OPERATION



INDEPENDENT DEHUMIDIFYING



R32 REFRIGERANT



WASHABLE FILTERS



I FEEL



CHILD LOCK



SELF-DIAGNOSIS



EVAPORATOR SELF-CLEANING



AUTO-RESTART



SLEEP MODE

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		°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 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			