

Air cooled  
scroll inverter  
heat pump,  
split version

SEHVX-AAW + SERHQ-AAW1



**R-410A**



Inverter



Scroll compressor

- › Ideal for colder climates as the lack of glycol will allow for high efficiencies
- › Hydronic module for indoor installation eliminating the need for glycol

- › Compact dimensions and limited pipework allow for installation in very restricted spaces
- › Easy transportation as separate units will fit in an elevator

# SEHVX-AAW + SERHQ-AAW1



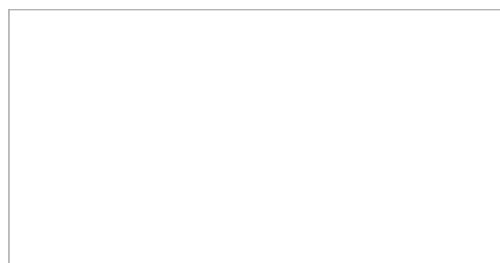
Heating & Cooling				SEHVX20AAW/ SERHQ020AAW1	SEHVX32AAW/ SERHQ032AAW1	SEHVX40AAW/ SERHQ020AAW1+SERHQ020AAW1	SEHVX64AAW/ SERHQ032AAW1+SERHQ032AAW1
Cooling capacity	Nom.		kW	20.7	30.9	41.5	62.3
	Max.		kW	24.7	36.9	49.5	74.3
Heating capacity	Nom.		kW	21.3 (1) / 21.3 (2)	32.1 (1) / 32.1 (2)	42.5 (1) / 42.5 (2)	63.7 (1) / 63.7 (2)
Power input	Cooling	Nom.	kW	7.59	13.5	15.4	27.4
	Heating	Nom.	kW	6.12 (1) / 7.44 (2)	8.72 (1) / 11.1 (2)	12.0 (1) / 14.7 (2)	16.9 (1) / 21.7 (2)
EER				2.73	2.29	2.69	2.27
COP				3.48 (1) / 2.86 (2)	3.68 (1) / 2.89 (2)	3.54 (1) / 2.89 (2)	3.77 (1) / 2.94 (2)

Unit for indoor installation				SEHVX-AAW	SEHVX20AAW	SEHVX32AAW	SEHVX40AAW	SEHVX64AAW		
Dimensions	Unit	Height	mm				1,573			
		Width	mm				766			
		Depth	mm				396			
Weight	Unit		kg	60	62		64	66		
	Packed unit		kg	70	72		74	76		
Water side Heat exchanger	Type			Braze plate						
	Water volume		l	1.9		2.9		3.8	5.7	
	Water flow rate	Heating	Nom.	l/min	61		92		122	183
		Cooling	Nom.	l/min	59		89		119	179
Sound power level	Nom.		dBA	63				66		
Operation range	Heating	Ambient	Min.-Max.	°C-°CDB	-15~-35					
		Water side	Min.-Max.	°C	25~-50					
	Indoor installation	Ambient	Min.	°CDB	5					
			Max.	°CDB	35					
	Cooling	Ambient	Min.-Max.	°CDB	-5~-43					
		Water side	Min.-Max.	°C	5~-20					
Refrigerant	Type / GWP			R-410A / 2,087.5						
	Circuits	Quantity		1						
	Control			Electronic expansion valve						
Water circuit	Piping connections diameter			inch	G 1"1/4 (female)			G 2" (female)		
	Piping			inch	1-1/4"			1-1/2"		
	Water pressure drop	Cooling	Nom.	kPa	176	151		231	141	
		Heating	Nom.	kPa	174	149		229	139	
	Total water volume			l	3.2	4.2		5.8	7.7	
Current	Maximum running current	Cooling	A	5.54	5.64		7.24			
		Heating	A	5.54	5.64		7.24			
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/400					

Outdoor Unit				SERHQ-AAW1	SERHQ020AAW1	SERHQ032AAW1
Dimensions	Unit	Height	mm		1,680	
		Width	mm	930		1,240
		Depth	mm		765	
Weight	Unit		kg	240.00		316.00
	Packed unit		kg	273.00		355.95
Compressor	Quantity			2		3
Fan	Type			Hermetically sealed scroll compressor		
	Type			Propeller fan		
	Quantity			1		2
	Air flow rate	Cooling	Nom.	m³/min	185	
Heating		Nom.	m³/min	185		233

(1) Heating Ta DB/WB 7/6°C - LWC 35°C (DT=5°C) (2) Heating Ta DB/WB 7/6°C - LWC 45°C | Equipment contains fluorinated greenhouse gases. Actual refrigerant charge depends on the final unit construction, details can be found on the unit labels.

**Daikin Europe N.V.** Naamloze Vennootschap · Zandvoordestraat 300 · 8400 Oostende · Belgium · [www.daikin.eu](http://www.daikin.eu) · BE 0412 120 336 · RPR Oostende (Responsible Editor)



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