

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



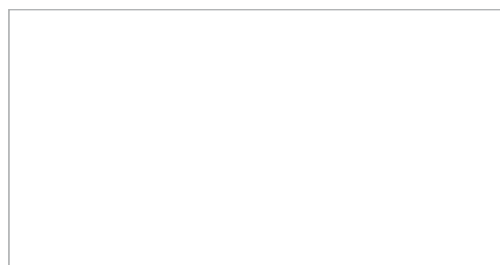
Heating & Cooling				SEHVX20AAW/ SERHQ020AAW1	SEHVX32AAW/ SERHQ032AAW1	SEHVX40AAW/ SERHQ020AAW1+SERHQ020AAW1	SEHVX64AAW/ SERHQ032AAW1+SERHQ032AAW1	
Cooling capacity	Nom.		kW	20.7	30.9	41.5	62.3	
	Max.		kW	24.7	36.9	49.5	74.3	
Heating capacity	Nom.		kW	21.3 (1) / 21.3 (2)	32.1 (1) / 32.1 (2)	42.5 (1) / 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)	
Space heating	Average climate water outlet 35°C	General	SCOP	%	3.22	3.06	3.22	3.05
			η_s (Seasonal space heating efficiency)	%	126	119	126	120
			Seasonal space heating eff. class		A+	A	A+	A

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.		dB(A)	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	
	Type			Hermetically sealed scroll compressor			
Fan	Type			Propeller fan			
	Quantity			1		2	
	Air flow rate	Cooling	Nom.	m³/min	185		233
		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.

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