

Haier

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Haier Commercial Air Conditioning

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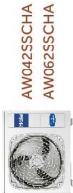
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! The specifications, designs and information in this brochure are subject to the actual products.
Haier reserves the right to make change without any notice.

SUPER AQUA

Haier Air to Water Heat Pump

Specification & Dimensions



HW-WA101DBT (Optional)

HU062WAMNA
HU102WAMNA

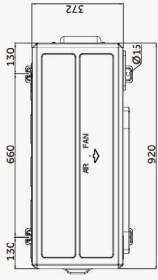
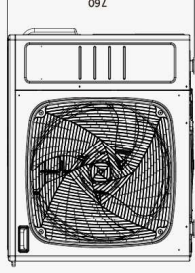
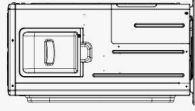
AW082SNCHA
AW102SNCHA

AW042SSCHA
AW062SSCHA

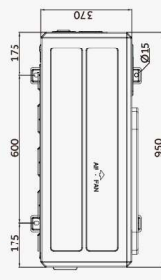
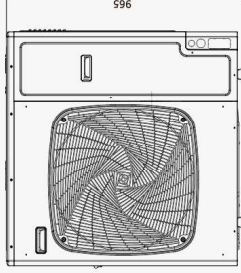
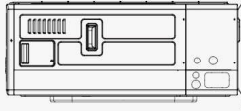
Outline dimension

Efficiency Data	Super Aqua HES 4		Super Aqua HES 6		Super Aqua HES 8		Super Aqua HES 10	
	Capacity	Power input	Capacity	Power input	Capacity	Power input	Capacity	Power input
Heating (LWT 35°C / OAT 7°C)	4	0.80	4	1.20	8	1.60	10	2.17
		COP		COP		COP		COP
		4		4.58		5.00		4.60
Heating (LWT 55°C / OAT 7°C)	4	1.40	4	2.05	8	2.65	10	3.45
		COP		COP		COP		COP
		2.86		2.52		3.02		2.90
Space heating average climate water outlet 35°C	5.00	4.80	5.00	4.80	4.90	4.85	4.85	4.85
	PE	197		189		193		191
Space heating average climate water outlet 55°C	Energy Class	A+++	Energy Class	A+++	Energy Class	A+++	Energy Class	A+++
	SCOP (A+++ to D)	3.45	SCOP (A+++ to D)	3.32	SCOP (A+++ to D)	3.30	SCOP (A+++ to D)	3.29
	PE	135		132		130		129
Cooling (LWT 18°C / OAT 35°C)	Energy Class	A++	Energy Class	A++	Energy Class	A++	Energy Class	A++
	Capacity	4		4		8		10
	Power input	0.85		1.26		1.9		2.50
	EER	4.70		4.75		4.20		4.00
Cooling (LWT 7°C / OAT 35°C)	Capacity	4		4		8		9
	Power input	1.29		1.97		2.63		3.00
	EER	3.10		3.05		3.04		3.00
Indoor Unit			HU062WAMNA		HU102WAMNA		HU02WAMNA	
Leaving water temperature range	Heating	15-60	15-60	15-60	15-60	15-60	15-60	15-60
	Cooling	5-25	5-25	5-25	5-25	5-25	5-25	5-25
Sound power level	dB(A)	42	42	42	42	42	42	42
Backup electric heater	Capacity	1+3	1+3	1+3	1+3	1+3	1+3	1+3
	Steps	3	3	3	3	3	3	3
Expansion vessel capacity	L	5	5	5	5	5	5	5
Pump	Type	Variable speed	Variable speed	Variable speed	Variable speed	Variable speed	Variable speed	Variable speed
	Power input	75	75	75	75	75	75	75
Water flow rate	L/min	11.5	17	23	28.7	28.7	28.7	28.7
Water pipe connection	Inlet/Outlet	R1	R1	R1	R1	R1	R1	R1
Pipe diameter	mm(inch)	6.35 (1/4)	6.35 (1/4)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
	Liquid	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
	Gas	850×480×310	850×480×310	850×480×310	850×480×310	850×480×310	850×480×310	850×480×310
Net dimension	H×W×D	1020×580×460	1020×580×460	1020×580×460	1020×580×460	1020×580×460	1020×580×460	1020×580×460
Packing dimension	H×W×D	41/53	41/53	43/55	43/55	43/55	43/55	43/55
Net/Gross weight	kg	20	20	20	20	20	20	20
Power supply	-V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Max running current	A	63	63	63	63	63	63	63
Built-in circuit breaker	Type	A	A	A	A	A	A	A
Outdoor Unit			AW042SSCHA		AW062SSCHA		AW082SNCHA	
Outdoor operating temperature range	Cooling	10-48	10-48	10-48	10-48	10-48	10-48	10-48
	Heating	-25-35	-25-35	-25-35	-25-35	-25-35	-25-35	-25-35
Compressor	Quantity	-	-	-	-	-	-	-
	Type	-	-	-	-	-	-	-
	Refrigerant	R32	R32	R32	R32	R32	R32	R32
Pipe diameter	Charge/CO ₂ -Eq.	1.2/0.81	1.2/0.81	1.6/1.08	1.6/1.08	1.6/1.08	1.6/1.08	1.6/1.08
	Liquid	6.35 (1/4)	6.35 (1/4)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
	Gas	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
Max refrigerant pipe length	m	30	30	30	30	30	30	30
Max height difference between ODU&IDU	m	20	20	20	20	20	20	20
Pipe length without additional charge	m	10	10	10	10	10	10	10
Additional charging volume	g/m	20	20	20	20	20	20	20
Sound pressure level	H×W×C	44	45	49	49	53	53	53
	dB(A)	58	61	65	65	68	68	68
Net dimension	H×W×D	760×920×372	760×920×372	965×950×370	965×950×370	965×950×370	965×950×370	965×950×370
Packing dimension	mm	980×1050×500	980×1050×500	1090×1030×480	1090×1030×480	1090×1030×480	1090×1030×480	1090×1030×480
Net / Gross weight	kg	55 / 67	55 / 67	76 / 86	76 / 86	76 / 86	76 / 86	76 / 86
Power supply	-V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Max running current	A	12.5	13	19	19	22	22	22
Recommended circuit breaker	A	25	25	32	32	32	32	32
External wired controller	Type	-	-	-	-	-	-	-
	Model	-	-	-	-	-	-	-

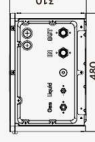
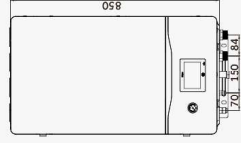
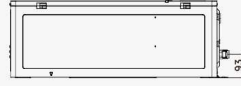
AW042/062SSCHA



AW082/102SNCHA



HU062/102WAMNA



Note 1. According to EN14511, EN14825 (EU) and No.81:2013 (EU).
 2. LWT: Leaving water temperature; OAT: Outdoor air temperature.
 3. Sound level values are measured at a semi-anechoic room, and the sound power level values are based on measurement of EN102-1 under conditions of EN14825.
 4. The above data may be changed without notice for future improvement on quality and performance.