



Air-to-water heat pumps

Price List 2026

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SAMSUNG

EHS SPLIT

HYDRO AI HOME

- 5-year official manufacturer's warranty*
- EUROVENT certification
- Integrated WiFi
- AI energy-saving mode for heating and domestic hot water preparation
- Solar PV and Smart Grid support
- Heating even at -25°C
- Integrated magnetic filter and 3-way valve
- Option to choose a unit with integrated 2-zone control components



			Outdoor unit		AE040RXDEG/EU		AE060CXDEG/EU		AE090CXDEG/EU		AE090CKEDGG/EU		AE125DXEDGG/EU		AE160DXEDGG/EU	
			Indoor unit		AE160DNYSPPG/EU		AE160DNYSPPG/EU		AE160DNYSPPG/EU		AE160DNYSPPG/EU		AE160DNYSPPG/EU		AE160DNYSPPG/EU	
System parameters	Heating capacity		kW	4.4		6.0		9.0		9.0		12.5		16.0		
	Cooling capacity		kW	5.0		6.5		8.7		8.7		12.5		13.5		
	COP		A7/W35	W/W		5.20		4.92		4.81		4.81		4.54		
	EER		A35/W18	W/W		4.59		4.42		4.12		4.12		3.80		
	SCOP		LWT 35°C	W/W		4.58		4.58		4.45		4.45		4.73		
	Energy class		LWT 35°C/55°C	A+++ / A++		A+++ / A++		A+++ / A++		A+++ / A++		A+++ / A++		A+++ / A++		
	Heating capacity (EU) No 813/2013		P-rated	kW	5		6		8		8		12		13.0	
	Nominal water flow		L/min	14.4		18.8		26.0		26.0		36.0		46.0		
	Minimum continuously available water volume		L	75		75		100		100		200		200		
	Outdoor operating temperatures		Heating	°C	-25-35		-25-35		-25-35		-25-35		-25-43		-25-43	
		Cooling	°C	10-46		10-46		10-46		10-46		10-46		10-46		
		Domestic hot water	°C	-25-43		-25-43		-25-43		-25-43		-25-43		-25-43		
Max. leaving water temperature		Heating	°C	65		65		65		65		65		65		
		Hot water	°C	55		55		55		55		55		55		
Dimensions (W x H x D)		mm	880 x 638 x 310		880 x 638 x 310		940 x 998 x 330		940 x 998 x 330		998 x 850 x 500		998 x 850 x 500			
Weight		kg	46.5		46.5		72		72.5		89		89			
Pipe connections		Liquid + gas	inches	1/4" + 5/8"		1/4" + 5/8"		1/4" + 5/8"		1/4" + 5/8"		1/4" + 1/2"		1/4" + 1/2"		
Piping lengths		min/max	m	30		30		35		35		50		50		
Height difference		max	m	15/20**		15/20**		15/20**		15/20**		15/30**		15/30**		
Refrigerant				R32		R32		R32		R32		R32		R32		
Refrigerant charge		Pre-charged	kg	1.2 (15m)		1.2 (15m)		1.4 (15m)		1.4 (15m)		1.84 (15m)****		1.84 (15m)****		
		Additional	g/m	20		20		20		20		20		20		
Sound pressure		Heating (std.)	dB(A)	44		47		49		49		48		49		
Power supply		Φ, V, Hz	1Φ, 220-240V, 50Hz	1Φ, 220-240V, 50Hz		1Φ, 220-240V, 50Hz		1Φ, 220-240V, 50Hz		3Φ, 380-415V, 50Hz		3Φ, 380-415V, 50Hz		3Φ, 380-415V, 50Hz		
Recommended circuit breaker		A	C20	C20		C20		C25		C16		C16		C16		
Recommended power cable		mm²	3 x 2.5	3 x 2.5		3 x 2.5		3 x 4.0		5 x 2.5		5 x 2.5		5 x 2.5		
Shielded communication cable (outdoor-indoor)		mm²	2 x 0.75	2 x 0.75		2 x 0.75		2 x 0.75		2 x 0.75		2 x 0.75		2 x 0.75		
Base pan heater			-	Integrated		Integrated		Integrated		Integrated		Integrated		Integrated		
Pipe connections		Supply/return	mm	28/28		28/28		28/28		28/28		28/28		28/28		
		DHW	mm	28/28		28/28		28/28		28/28		28/28		28/28		
Dimensions		mm	530 x 840 x 350		530 x 840 x 350		530 x 840 x 350		530 x 840 x 350		530 x 840 x 350		530 x 840 x 350			
Weight		kg	60		60		60		60		60		60			
Integrated electric heater		kW	6		6		6		6		6		6			
Power supply		Φ, V, Hz	1Φ, 220-240V, 50Hz	1Φ, 220-240V, 50Hz		1Φ, 220-240V, 50Hz		1Φ, 220-240V, 50Hz		1Φ, 220-240V, 50Hz		1Φ, 220-240V, 50Hz		1Φ, 220-240V, 50Hz		
Recommended circuit breaker		A	C16	C16		C16		C16		C16		C16		C16		
Recommended power cable		mm²	3 X 2.5	3 X 2.5		3 X 2.5		3 X 2.5		3 X 2.5		3 X 2.5		3 X 2.5		
Electric heater power supply***		Φ, V, Hz	3, 380-415, 50	3, 380-415, 50		3, 380-415, 50		3, 380-415, 50		3, 380-415, 50		3, 380-415, 50		3, 380-415, 50		
Electric heater circuit breaker		A	C16	C16		C16		C16		C16		C16		C16		
Electric heater power cable		mm²	5 x 2.5	5 x 2.5		5 x 2.5		5 x 2.5		5 x 2.5		5 x 2.5		5 x 2.5		
		Price, EUR excl. VAT	5057	5742		6209		6332		7529		8469				
		Price, EUR incl. VAT	6119	6948		7512		7661		9110		10247				

AE160DNZSPG/EU
2-zone control
28/28
28/28
530 x 840 x 350
60
6
3, 380-415, 50
C16
3 X 2.5
3, 380-415, 50
C16
5 x 2.5
+770
+932

According to standards: EN14511 (COP and EER), EN1428 (SCOP).

* 5-year warranty applies when commissioning is performed by an authorized SAMSUNG partner.

** When the outdoor unit is installed below the indoor unit, the lower maximum height difference applies.

*** The indoor unit electric heater can be connected to a single-phase power supply. Its output is then 2/4 kW. Select the circuit breaker and power cable accordingly (see installation manual).

**** When the cooling function is not used - 30 m

SAMSUNG

EHS SPLIT CLIMATEHUB

- 5-year official manufacturer's warranty*
- EUROVENT certification
- Solar PV and Smart Grid support
- Guaranteed operation down to -25°C



Outdoor unit			AE040RXEDEG/EU	AE060CXEDEG/EU	AE090CXEDEG/EU	AE090CXEDGG/EU
Indoor unit			AE260RNWSEG/EU	AE260RNWSEG/EU	AE260RNWSEG/EU	AE260RNWSGG/EU
Wired controller			MWR-WW10KN	MWR-WW10KN	MWR-WW10KN	MWR-WW10KN
System parameters	Heating capacity	kW	4.4	6.0	9.0	9.0
	Cooling capacity	kW	5.0	6.5	8.7	8.7
	COP	A7/W35	5.2	4.92	4.81	4.81
	EER	A35/W18	4.59	4.42	4.12	4.12
	SCOP	LWT 35°C	4.58	4.58	4.45	4.45
	Energy class	LWT 35°C/55°C	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++
	Heating capacity (EU) No 813/2013	P-rated	kW	5	6	8
	Nominal water flow	L/min	14.4	18.8	26.0	26.0
	Minimum continuously available water volume	L	75	75	100	100
	Operating temperatures	Heating °C	-25-35	-25-35	-25-35	-25-35
Outdoor unit		Cooling °C	10-46	10-46	10-46	10-46
		Domestic hot water °C	-25-43	-25-43	-25-43	-25-43
	Max. leaving water temperature	Heating °C	65	65	65	65
		Hot water °C	55	55	55	55
	Dimensions (W x H x D)	mm	880 x 638 x 310	880 x 638 x 310	940 x 998 x 330	940 x 998 x 330
	Weight	kg	46.5	46.5	72	72.5
	Pipe connections	Liquid + gas inches	1/4" + 5/8"	1/4" + 5/8"	1/4" + 5/8"	1/4" + 5/8"
	Piping lengths	min/max	30	30	35	35
	Height difference	max	15/20**	15/20**	15/20**	15/20**
	Refrigerant		R32	R32	R32	R32
Indoor unit	Refrigerant charge	Pre-charged kg	1.2 (15m)	1.2 (15m)	1.4 (15m)	1.4 (15m)
		Additional gr/m	20	20	20	20
	Sound pressure	Heating (std.) dB(A)	44	47	49	49
	Power supply	φ, V, Hz	1φ, 220-240V, 50Hz	1φ, 220-240V, 50Hz	1φ, 220-240V, 50Hz	3φ, 380-415V, 50Hz
	Recommended circuit breaker	A	C20	C20	C25	C16
	Recommended power cable	mm²	3 x 2.5	3 x 2.5	3 x 4.0	5 x 2.5
	Shielded communication cable (outdoor-indoor)	mm²	2 x 0.75	2 x 0.75	2 x 0.75	2 x 0.75
	Base pan heater		-	Integrated	Integrated	Integrated
	Water tank	L	260	260	260	260
	Pipe connections	Supply/return mm	28/28	28/28	28/28	28/28
Indoor unit		DHW mm	22/22	22/22	22/22	22/22
		Recirculation mm	22	22	22	22
	Dimensions	mm	595 x 1800 x 700	595 x 1800 x 700	595 x 1800 x 700	595 x 1800 x 700
	Weight	kg	146	146	146	146
	Integrated electric heater	kW	2	2	2	6
	Power supply	φ, V, Hz	1φ, 220-240V, 50Hz	1φ, 220-240V, 50Hz	1φ, 220-240V, 50Hz	3φ, 380-415V, 50Hz + 1φ, 220-240V, 50Hz
	Recommended circuit breaker	A	C25	C25	C25	C16 (3φ) + C16 (1φ)
	Recommended power cable	mm²	3 x 4.0	3 x 4.0	3 x 4.0	5 x 2.5 + 3 x 2.5
	Price, EUR excl. VAT		6603	7289	7755	8134
	Price, EUR incl. VAT		7990	8819	9384	9842

According to standards: EN14511 (COP and EER), EN1428 (SCOP).

* Prices shown in the catalogue are for general information and comparison of similar products only.

* 5-year warranty applies when commissioning is performed by an authorized SAMSUNG partner.

** When the outdoor unit is installed below the indoor unit, the lower maximum height difference applies.

SAMSUNG

EHS SPLIT CLIMATEHUB AI HOME

- 5-year official manufacturer's warranty*
- EUROVENT certification
- Integrated WiFi
- AI energy-saving mode for heating and domestic hot water preparation
- Solar PV and Smart Grid support
- Heating even at -25°C
- Integrated magnetic filter and 3-way valve
- Option to choose a unit with integrated 2-zone control components
- 3-layer DHW tank insulation (56% more efficient than the previous tank)



Outdoor unit			AE040RXEDEG/EU	AE060CXEDEG/EU	AE090CXEDEG/EU	AE090CKEDGG/EU	AE125DXEDGG/EU	AE160DXEDGG/EU	
Indoor unit			AE200DNWSPG/EU	AE200DNWSPG/EU	AE200DNWSPG/EU	AE200DNWSPG/EU	AE200DNWSPG/EU	AE200DNWSPG/EU	
System parameters	Heating capacity	kW	4.4	6.0	9.0	9.0	12.5	16.0	
	Cooling capacity	kW	5.0	6.5	8.7	8.7	12.5	13.5	
	COP	A7/W35	W/W	5.2	4.92	4.81	4.81	4.86	4.54
	EER	A35/W18	W/W	4.59	4.42	4.12	4.12	3.8	3.8
	SCOP	LWT 35°C	W/W	4.58	4.58	4.45	4.45	4.73	4.7
	Energy class	LWT 35°C/55°C	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++
	Heating capacity (EU) No 813/2013	P-rated	kW	5	6	8	8	12	13.0
	Nominal water flow	L/min	14.4	18.8	26.0	26.0	36.0	46.0	
	Minimum continuously available water volume	L	75	75	100	100	200	200	
	Operating temperatures	Heating	°C	-25-35	-25-35	-25-35	-25-35	-25-43	-25-43
Cooling		°C	10-46	10-46	10-46	10-46	10-46	10-46	
Domestic hot water		°C	-25-43	-25-43	-25-43	-25-43	-25-43	-25-43	
Max. leaving water temperature		Heating	°C	65	65	65	65	65	65
		Hot water	°C	55	55	55	55	55	55
Dimensions (W x H x D)		mm	880 x 638 x310	880 x 638 x310	940 x 998 x 330	940 x 998 x 330	980 x 850 x 500	980 x 850 x 500	
Weight		kg	46.5	46.5	72	72.5	89	89	
Pipe connections		Liquid + gas	inches	1/4" + 5/8"	1/4" + 5/8"	1/4" + 5/8"	1/4" + 5/8"	1/4" + 1/2"	1/4" + 1/2"
Piping lengths		min/max	m	30	30	35	35	50	50
Height difference		max	m	15/20**	15/20**	15/20**	15/30**	15/30**	15/30**
Outdoor unit	Refrigerant		R32	R32	R32	R32	R32	R32	
	Refrigerant charge	Pre-charged	kg	1.2 (15m)	1.2 (15m)	1.4 (15m)	1.4 (15m)	1.84 (15m)	1.84 (15m)
		Additional	gr/m	20	20	20	20	-	-
	Sound pressure	Heating (std.)	dB(A)	44	47	49	49	48	49
	Power supply	φ, V, Hz	1φ, 220-240V, 50Hz	1φ, 220-240V, 50Hz	1φ, 220-240V, 50Hz	3φ, 380-415V, 50Hz	3φ, 380-415V, 50Hz	3φ, 380-415V, 50Hz	
	Recommended circuit breaker	A	C20	C20	C25	C16	C16	C16	
	Recommended power cable	mm²	3 x 2.5	3 x 2.5	3 x 4.0	5 x 2.5	5 x 2.5	5 x 2.5	
	Shielded communication cable (outdoor-indoor)	mm²	2 x 0.75	2 x 0.75	2 x 0.75	2 x 0.75	2 x 0.75	2 x 0.75	
	Base pan heater		-	Integrated	Integrated	Integrated	Integrated	Integrated	
	Water tank	L	200	200	200	200	200	200	
Indoor unit	Pipe connections	Supply/return	mm	28/28	28/28	28/28	28/28	28/30	28/30
		DHW		22/22	22/22	22/22	22/22	22/23	22/24
		Recirculation		22	22	22	22	22	22
	Dimensions	mm	598 x 1850 x 600	598 x 1850 x 600	598 x 1850 x 600	598 x 1850 x 600	598 x 1850 x 600	598 x 1850 x 600	598 x 1850 x 600
	Weight	kg	136	136	136	136	136	136	145
	Integrated electric heater	kW	6	6	6	6	6	6	6
	Power supply	φ, V, Hz	1φ, 220-240V, 50Hz	1φ, 220-240V, 50Hz	1φ, 220-240V, 50Hz	1φ, 220-240V, 50Hz	1φ, 220-240V, 50Hz	1φ, 220-240V, 50Hz	1φ, 220-240V, 50Hz
	Recommended circuit breaker	A	C16	C16	C16	C16	C16	C16	C16
	Recommended power cable	mm²	3 x 2.5	3 x 2.5	3 x 2.5	3 x 2.5	3 x 2.5	3 x 2.5	3 x 2.5
	Electric heater power supply***	φ, V, Hz	3, 380-415, 50	3, 380-415, 50	3, 380-415, 50	3, 380-415, 50	3, 380-415, 50	3, 380-415, 50	3, 380-415, 50
Electric heater circuit breaker	A	C16	C16	C16	C16	C16	C16	C16	
Electric heater power cable	mm²	5 x 2.5	5 x 2.5	5 x 2.5	5 x 2.5	5 x 2.5	5 x 2.5	5 x 2.5	
Price, EUR excl. VAT			7927	8612	9079	9202	10399	11339	+1430
Price, EUR incl. VAT			9592	10421	10985	11134	12583	13720	+1730

According to standards: EN14511 (COP and EER), EN1428 (SCOP).

* 5-year warranty applies when commissioning is performed by an authorized SAMSUNG partner.

** When the outdoor unit is installed below the indoor unit, the lower maximum height difference applies.

*** The indoor unit electric heater can be connected to a single-phase power supply. Its output is then 2/4 kW. Select the circuit breaker and power cable accordingly (see installation manual).

SAMSUNG

EHS MONO HYDRO AI HOME

- 5-year official manufacturer's warranty*
- EUROVENT certification
- Integrated WiFi
- AI energy-saving mode for heating and domestic hot water preparation
- Solar PV and Smart Grid support
- Heating even at -25°C
- Integrated magnetic filter and 3-way valve
- Option to choose a unit with integrated 2-zone control components



Outdoor unit		AE050RXYDEG/EU		AE080RXYDEG/EU		AE080RXYDGG/EU		AE120RXYDGG/EU		AE160RXYDGG/EU	
Indoor unit		AE160DNYPMPK/EU		AE160DNYPMPK/EU		AE160DNYPMPK/EU		AE160DNYPMPK/EU		AE160DNYPMPK/EU	
System parameters	Heating capacity	kW	5.0	8.0	8.0	12.0	16.0				
	Cooling capacity	kW	5.0	7.5	7.5	12.0	14.0				
	COP	A7/W35	W/W	4.85	4.52	4.52	4.53	4.42			
	EER	A35/W18	W/W	4.39	3.95	3.95	4.33	4.27			
	SCOP	LWT 35°C	W/W	4.46	4.44	4.44	4.69	4.48			
	Energy class	LWT 35°C/55°C		A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++			
	Heating capacity (EU) No 813/2013	P-rated	kW	5.0	8.0	8.0	12.0	16.0			
	Nominal water flow		L/min	14.4	23.1	23.1	34.6	46.2			
	Minimum continuously available water volume		L	75	100	100	170	180			
	Operating temperatures										
Outdoor unit	Heating	°C	-25-35	-25-35	-25-35	-25-35	-25-35	-25-35			
	Cooling	°C	10-46	10-46	10-46	10-46	10-46	10-46			
	Domestic hot water	°C	-25-43	-25-43	-25-43	-25-43	-25-43	-25-43			
	Max. leaving water temperature										
	Heating	°C	65	65	65	65	65	65			
	Hot water	°C	55	55	55	55	55	55			
	Dimensions (W x H x D)	mm	880 x 798 x 310	940 x 998 x 330	940 x 998 x 330	940 x 1420 x 330	940 x 1420 x 330				
	Weight	kg	58.5	76	75	111	111				
	Pipe connections (threaded)	Supply/return	inches	1"/1"	1"/1"	1"/1"	1"/1"	1"/1"			
	Refrigerant		R32	R32	R32	R32	R32				
	Refrigerant charge	Pre-charged	kg	1.00	1.15	1.15	2.20	2.20			
	Sound pressure	Heating (std.)	dB(A)	45	48	48	50	52			
	Power supply	φ, V, Hz	1φ, 220-240V, 50Hz	1φ, 220-240V, 50Hz	3φ, 380-415V, 50Hz	3φ, 380-415V, 50Hz	3φ, 380-415V, 50Hz				
	Recommended circuit breaker	A	C20	C25	C16	C16	C16				
	Recommended power cable	mm²	3 x 2.5	3 x 4.0	5 x 2.5	5 x 2.5	5 x 2.5				
	Shielded communication cable (outdoor-indoor)	mm²	2 x 0.75	2 x 0.75	2 x 0.75	2 x 0.75	2 x 0.75				
	Base pan heater		-	Integrated	Integrated	Integrated	Integrated				
Indoor unit	Pipe connections	Supply/return	mm	28/28	28/28	28/28	28/28	28/28			
	DHW		mm	28/28	28/28	28/28	28/28	28/28			
	Dimensions	mm	530 x 840 x 350	530 x 840 x 350	530 x 840 x 350	530 x 840 x 350	530 x 840 x 350				
	Weight	kg	43	43	43	43	43				
	Integrated electric heater	kW	6	6	6	6	6				
	Power supply	φ, V, Hz	3φ, 380-415V, 50Hz	3φ, 380-415V, 50Hz	3φ, 380-415V, 50Hz	3φ, 380-415V, 50Hz	3φ, 380-415V, 50Hz				
	Recommended circuit breaker	A	C16	C16	C16	C16	C16				
	Recommended power cable	mm²	3 X 2.5	3 X 2.5	3 X 2.5	3 X 2.5	3 X 2.5				
	Electric heater power supply**	φ, V, Hz	3, 380-415, 50	3, 380-415, 50	3, 380-415, 50	3, 380-415, 50	3, 380-415, 50				
	Electric heater circuit breaker	A	C16	C16	C16	C16	C16				
	Electric heater power cable	mm²	5 x 2.5	5 x 2.5	5 x 2.5	5 x 2.5	5 x 2.5				
	Price, EUR excl. VAT		6044	6726	6926	7778	8360				
	Price, EUR incl. VAT		7313	8138	8380	9411	10115				

AE160DNZMPK/EU
2-zone control
28/28
28/28
530 x 840 x 350
54
6
3φ, 380-415V, 50Hz
C16
3 X 2.5
3, 380-415, 50
C16
5 x 2.5
+630
+762

According to standards: EN14511 (COP and EER), EN1428 (SCOP).

* 5-year warranty applies when commissioning is performed by an authorized SAMSUNG partner.

** The indoor unit electric heater can be connected to a single-phase power supply. Its output is then 2/4 kW. Select the circuit breaker and power cable accordingly (see installation manual).



EHS ClimateHub MONO

Heating | cooling | domestic hot water

- 5-year official manufacturer's warranty*
- EUROVENT certification
- Integrated WIFI
- AI energy-saving mode for domestic hot water preparation
- Solar PV and Smart Grid support
- Heating even at -25°C



Outdoor unit			AE080RXYDEG/EU	AE080RXYDGG/EU	AE120RXYDGG/EU	AE160RXYDGG/EU
Indoor unit			AE260CNWMEG/EU	AE260CNWMGG/EU	AE260CNWMGG/EU	AE260CNWMGG/EU
Wired controller			MWR-WW10KN	MWR-WW10KN	MWR-WW10KN	MWR-WW10KN
System parameters	Heating capacity	kW	8.0	8.0	12.0	16.0
	Cooling capacity	kW	7.5	7.5	12.0	14.0
	COP	A7/W35 W/W	4.52	4.52	4.53	4.42
	EER	A35/W18 W/W	3.95	3.95	4.33	4.27
	SCOP	LWT 35°C W/W	4.44	4.44	4.69	4.48
	Energy class	LWT 35°C/55°C	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++
	Heating capacity (EU) No 813/2013 P-rated	kW	8.0	8.0	12.0	16.0
	Nominal water flow	L/min	23.1	23.1	34.6	46.2
	Minimum continuously available water volume	L	100	100	170	180
Outdoor unit	Operating temperatures	Heating	°C	-25-35	-25-35	-25-35
		Cooling	°C	10-46	10-46	10-46
		Domestic hot water	°C	-25-43	-25-43	-25-43
	Max. leaving water temperature	Heating	°C	65	65	65
		Hot water	°C	55	55	55
	Dimensions (W x H x D)	mm	940 x 998 x 330	940 x 998 x 330	940 x 1420 x 330	940 x 1420 x 330
	Weight	kg	76	75	111	111
	Pipe connections (threaded)	Supply/return inches	1"/1"	1"/1"	1"/1"	1"/1"
	Refrigerant		R32	R32	R32	R32
	Refrigerant charge	Pre-charged kg	1.15	1.15	2.20	2.20
	Sound pressure	Heating (std.) dB(A)	48	48	50	52
	Power supply	φ, V, Hz	1φ, 220-240V, 50Hz	3φ, 380-415V, 50Hz	3φ, 380-415V, 50Hz	3φ, 380-415V, 50Hz
	Recommended circuit breaker	A	C25	C16	C16	C16
	Recommended power cable	mm²	3 x 4.0	5 x 2.5	5 x 2.5	5 x 2.5
Indoor unit	Shielded communication cable (outdoor-indoor)	mm²	2 x 0.75	2 x 0.75	2 x 0.75	2 x 0.75
	Base pan heater		Integrated	Integrated	Integrated	Integrated
	Water tank	L	260	260	260	260
	Pipe connections	Supply/return mm	28/28	28/28	28/28	28/28
		DHW	22/22	22/22	22/22	22/22
		Recirculation	22	22	22	22
	Dimensions	mm	595 x 1800 x 700	595 x 1800 x 700	595 x 1800 x 700	595 x 1800 x 700
	Weight	kg	136	138	138	138
	Integrated electric heater	kW	2	6	6	6
	Power supply	φ, V, Hz	1φ, 220-240V, 50Hz	3φ, 380-415V, 50Hz + 1φ, 220-240V, 50Hz	3φ, 380-415V, 50Hz + 1φ, 220-240V, 50Hz	3φ, 380-415V, 50Hz + 1φ, 220-240V, 50Hz
	Recommended circuit breaker	A	C25	C16 (3φ) + C16 (1φ)	C16 (3φ) + C16 (1φ)	C16 (3φ) + C16 (1φ)
	Recommended power cable	mm²	3 x 4.0	5 x 2.5 +	5 x 2.5 +	5 x 2.5 +
				3 x 2.5	3 x 2.5	3 x 2.5
	Price, EUR excl. VAT		9317	9788	10640	11222
	Price, EUR incl. VAT		11274	11843	12874	13578

According to standards: EN14511 (COP and EER), EN1428 (SCOP).

* 5-year warranty applies when commissioning is performed by an authorized SAMSUNG partner.

SAMSUNG

EHS MONO CLIMATEHUB AI HOME

- 5-year official manufacturer's warranty*
- EUROVENT certification
- Integrated WiFi
- AI energy-saving mode for heating and domestic hot water preparation
- Solar PV and Smart Grid support
- Heating even at -25°C
- Integrated magnetic filter and 3-way valve
- Option to choose a unit with integrated 2-zone control components
- 3-layer DHW tank insulation (56% more efficient than the previous tank)



Outdoor unit			AE050RXYDEG/EU	AE080RXYDEG/EU	AE080RXYDGG/EU	AE120RXYDGG/EU	AE160RXYDGG/EU
Indoor unit			AE200DNWMPK/EU	AE200DNWMPK/EU	AE200DNWMPK/EU	AE200DNWMPK/EU	AE200DNWMPK/EU
System parameters	Heating capacity	kW	5.0	8.0	8.0	12.0	16.0
	Cooling capacity	kW	5.0	7.5	7.5	12.0	14.0
	COP	A7/W35 W/W	4.85	4.52	4.52	4.53	4.42
	EER	A35/W18 W/W	4.39	3.95	3.95	4.33	4.27
	SCOP	LWT 35°C W/W	4.46	4.44	4.44	4.69	4.48
	Energy class	LWT 35°C/55°C	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++
	Heating capacity (EU) No 813/2013	P-rated kW	5.0	8.0	8.0	12.0	16.0
	Nominal water flow	L/min	14.4	23.1	23.1	34.6	46.2
	Minimum continuously available water volume	L	75	100	100	170	180
	Operating temperatures	Heating °C	-25-35	-25-35	-25-35	-25-35	-25-35
Outdoor unit		Cooling °C	10-46	10-46	10-46	10-46	10-46
		Domestic hot water °C	-25-43	-25-43	-25-43	-25-43	-25-43
	Max. leaving water temperature	Heating °C	65	65	65	65	65
		Hot water °C	55	55	55	55	55
	Dimensions (W x H x D)	mm	880 x 798 x 310	940 x 998 x 330	940 x 998 x 330	940 x 1420 x 330	940 x 1420 x 330
	Weight	kg	58.5	76	75	111	111
	Pipe connections (threaded)	Supply/return inches	1"/1"	1"/1"	1"/1"	1"/1"	1"/1"
	Refrigerant		R32	R32	R32	R32	R32
	Refrigerant charge	Pre-charged kg	1.00	1.15	1.15	2.20	2.20
	Sound pressure	Heating (std.) dB(A)	45	48	48	50	52
	Power supply	φ, V, Hz	1φ, 220-240V, 50Hz	1φ, 220-240V, 50Hz	3φ, 380-415V, 50Hz	3φ, 380-415V, 50Hz	3φ, 380-415V, 50Hz
	Recommended circuit breaker	A	C20	C25	C16	C16	C16
	Recommended power cable	mm²	3 x 2.5	3 x 4.0	5 x 2.5	5 x 2.5	5 x 2.5
	Shielded communication cable (outdoor-indoor)	mm²	2 x 0.75	2 x 0.75	2 x 0.75	2 x 0.75	2 x 0.75
	Base pan heater		-	Integrated	Integrated	Integrated	Integrated
	Water tank	L	200	200	200	200	200
		Supply/return mm	28/28	28/28	28/28	28/28	28/28
	Pipe connections	DHW	22/22	22/22	22/22	22/22	22/22
		Recirculation	22	22	22	22	22
	Dimensions	mm	598 x 1850 x 600	598 x 1850 x 600	598 x 1850 x 600	598 x 1850 x 600	598 x 1850 x 600
Indoor unit	Weight	kg	139	139	139	139	139
	Integrated electric heater	kW	6	6	6	6	6
	Power supply	φ, V, Hz	3, 380-415, 50	3, 380-415, 50	3, 380-415, 50	3, 380-415, 50	3, 380-415, 50
	Recommended circuit breaker	A	C16	C16	C16	C16	C16
	Recommended power cable	mm²	3 X 2.5	3 X 2.5	3 X 2.5	3 X 2.5	3 X 2.5
	Electric heater power supply* *	φ, V, Hz	3, 380-415, 50	3, 380-415, 50	3, 380-415, 50	3, 380-415, 50	3, 380-415, 50
	Electric heater circuit breaker	A	C16	C16	C16	C16	C16
	Electric heater power cable	mm²	5 x 2.5	5 x 2.5	5 x 2.5	5 x 2.5	5 x 2.5
	Price, EUR excl. VAT		8970	9652	9852	10704	11286
	Price, EUR incl. VAT		10853	11678	11920	12951	13656

AE200DNXMPK/EU
2-zone control
200
28/28
22/22
22
598 x 1850 x 600
139
6
3, 380-415, 50
C16
3 X 2.5
3, 380-415, 50
C16
5 x 2.5
+630
+762

According to standards: EN14511 (COP and EER), EN1428 (SCOP).

* 5-year warranty applies when commissioning is performed by an authorized SAMSUNG partner.

** The indoor unit electric heater can be connected to a single-phase power supply. Its output is then 2/4 kW. Select the circuit breaker and power cable accordingly (see installation manual).

SAMSUNG

EHS MONO

- 5-year official manufacturer's warranty*
- EUROVENT certification
- Solar PV and Smart Grid support
- Heating even at -25°C



Outdoor unit				AE050RXYDEG/EU	AE080RXYDEG/EU	AE080RXYDGG/EU	AE120RXYDGG/EU	AE160RXYDGG/EU
Control unit**				MIM-E03FN	MIM-E03FN	MIM-E03FN	MIM-E03FN	MIM-E03FN
System parameters	Heating capacity		kW	5.0	8.0	8.0	12.0	16.0
	Cooling capacity		kW	5.0	7.5	7.5	12.0	14.0
	COP	A7/W35	W/W	4.85	4.52	4.52	4.53	4.42
	EER	A35/W18	W/W	4.39	3.95	3.95	4.33	4.27
	SCOP	LWT 35°C	W/W	4.46	4.44	4.44	4.69	4.48
	Energy class	LWT 35°C/55°C		A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++
	Heating capacity (EU) No 813/2013	P-rated	kW	5.0	8.0	8.0	12.0	16.0
	Nominal water flow		L/min	14.4	23.1	23.1	34.6	46.2
	Minimum continuously available water volume		L	75	100	100	170	180
	Operating temperatures							
Outdoor unit		Heating	°C	-25-35	-25-35	-25-35	-25-35	-25-35
		Cooling	°C	10-46	10-46	10-46	10-46	10-46
		Domestic hot water	°C	-25-43	-25-43	-25-43	-25-43	-25-43
	Max. leaving water temperature							
		Heating	°C	65	65	65	65	65
		Hot water	°C	55	55	55	55	55
	Dimensions (W x H x D)		mm	880 x 798 x 310	940 x 998 x 300	940 x 998 x 300	940 x 1420 x 330	940 x 1420 x 330
	Weight		kg	58.5	76	75	111	111
	Pipe connections (threaded)	Supply/return	inches	1"/1"	1"/1"	1"/1"	1"/1"	1"/1"
	Refrigerant			R32	R32	R32	R32	R32
	Refrigerant charge	Pre-charged	kg	1.00	1.00	1.15	1.15	2.20
	Sound pressure	Heating (std.)	dB(A)	45	48	48	50	52
	Power supply		φ, V, Hz	1φ, 220-240V, 50Hz	1φ, 220-240V, 50Hz	3φ, 380-415V, 50Hz	3φ, 380-415V, 50Hz	3φ, 380-415V, 50Hz
	Recommended circuit breaker		A	C20	C25	C16	C16	C16
	Recommended power cable		mm²	3 x 2.5	3 x 4.0	5 x 2.5	5 x 2.5	5 x 2.5
	Shielded communication cable (outdoor-indoor)		mm²	2 x 0.75	2 x 0.75	2 x 0.75	2 x 0.75	2 x 0.75
Control unit	Base pan heater			-	Integrated	Integrated	Integrated	Integrated
	Dimensions		mm	380 x 480 x 150	380 x 480 x 150	380 x 480 x 150	380 x 480 x 150	380 x 480 x 150
	Weight		kg	7.1	7.1	7.1	7.1	7.1
	Power supply***		φ, V, Hz	1φ, 220-240V, 50Hz	1φ, 220-240V, 50Hz	1φ, 220-240V, 50Hz	1φ, 220-240V, 50Hz	1φ, 220-240V, 50Hz
	Recommended circuit breaker***		A	C20	C20	C20	C20	C20
	Recommended power cable***		mm²	3 x 2.5	3 x 2.5	3 x 2.5	3 x 2.5	3 x 2.5
	Price, EUR excl. VAT			4230	4912	5112	5964	6546
Price, EUR incl. VAT				5118	5943	6185	7216	7920

According to standards: EN14511 (COP and EER), EN1428 (SCOP).

* 5-year warranty applies when commissioning is performed by an authorized SAMSUNG partner.

** With the control unit, the circulation pump, expansion vessel, safety group and filter must be provided separately, as well as an electric heater for the heating system. For DHW preparation, a 3-way valve, hot water tank and electric heater for the hot water tank are also required.

*** The stated power supply is for the control system only, which can directly power a DHW tank electric heater up to 3 kW. A separate electric heater must be installed for the heating system and, depending on its technical specifications, the required cable, circuit breaker and magnetic contactor must be provided separately.

EHS ClimateHub MONO HT Quite
Heating | cooling | domestic hot water

-

* 5-year warranty applies when commissioning is performed by an authorized SAMSUNG partner.

SAMSUNG

EHS MONO HT Quite CLIMATEHUB AI HOME

- 5-year official manufacturer's warranty*
- EUROVENT certification
- Integrated WiFi
- AI energy-saving mode for heating and domestic hot water preparation
- Solar PV and Smart Grid support
- Heating even at -25°C
- Integrated magnetic filter and 3-way valve
- Option to choose a unit with integrated 2-zone control components
- 3-layer DHW tank insulation (56% more efficient than the previous tank)



Outdoor unit			AE080BXYDEG/EU	AE080BXYDGG/EU	AE120BXYDGG/EU	AE140BXYDGG/EU	
Indoor unit			AE200DNWMPK/EU	AE200DNWMPK/EU	AE200DNWMPK/EU	AE200DNWMPK/EU	
System parameters	Heating capacity	kW	8.0	8.0	12.0	14.0	
	Cooling capacity	kW	8.0	8.0	12.0	14.0	
	COP	A7/W35	W/W	5.0	5.0	5.11	5.05
	EER	A35/W18	W/W	4.71	4.71	4.55	4.46
	SCOP	LWT 35°C	W/W	4.64	4.64	4.90	4.83
	Energy class	LWT 35°C/55°C	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++	
	Heating capacity (EU) No 813/2013	P-rated	kW	10	13	14	
	Nominal water flow	L/min	23.1	23.1	34.6	40.4	
	Minimum continuously available water volume	L	135	135	140	150	
	Outdoor unit	Operating temperatures	Heating °C	-30-43	-30-43	-30-43	-30-43
Cooling °C			10-46	10-46	10-46	10-46	
Domestic hot water °C			-30-43	-30-43	-30-43	-30-43	
Max. leaving water temperature		Heating °C	70	70	70	70	
		Hot water °C	63	63	63	63	
Dimensions (W x H x D)		mm	1270 x 1018 x 530	1270 x 1018 x 530	1270 x 1018 x 530	1270 x 1018 x 530	
Weight		kg	126	126	137	137	
Pipe connections (threaded)		Supply/return	inches	1"/1"	1"/1"	1"/1"	
Refrigerant			R32	R32	R32	R32	
Refrigerant charge		Pre-charged	kg	2.70	2.70	3.30	3.30
Sound pressure		Heating (std.)	dB(A)	42	42	46	47
Power supply		φ, V, Hz	1φ, 220-240V, 50Hz	3φ, 380-415V, 50Hz	3φ, 380-415V, 50Hz	3φ, 380-415V, 50Hz	
Recommended circuit breaker		A	C25	C16	C16	C16	
Recommended power cable		mm²	3 x 4.0	5 x 2.5	5 x 2.5	5 x 2.5	
Shielded communication cable (outdoor-indoor)		mm²	2 x 0.75	2 x 0.75	2 x 0.75	2 x 0.75	
Indoor unit	Base pan heater		Integrated	Integrated	Integrated	Integrated	
	Water tank	L	200	200	200	200	
	Pipe connections	Supply/return	mm	28/28	28/28	28/28	28/28
		DHW	mm	22/22	22/22	22/22	22/22
		Recirculation	mm	22	22	22	22
	Dimensions	mm	598 x 1850 x 600	598 x 1850 x 600	598 x 1850 x 600	598 x 1850 x 600	
	Weight	kg	139	139	139	139	
	Integrated electric heater	kW	6	6	6	6	
	Power supply	φ, V, Hz	1φ, 220-240V, 50Hz	1φ, 220-240V, 50Hz	1φ, 220-240V, 50Hz	1φ, 220-240V, 50Hz	
	Recommended circuit breaker	A	C16	C16	C16	C16	
	Recommended power cable	mm²	3 X 2.5	3 X 2.5	3 X 2.5	3 X 2.5	
	Electric heater power supply**	φ, V, Hz	3, 380-415, 50	3, 380-415, 50	3, 380-415, 50	3, 380-415, 50	
	Electric heater circuit breaker	A	C16	C16	C16	C16	
	Electric heater power cable	mm²	5 x 2.5	5 x 2.5	5 x 2.5	5 x 2.5	
	Price, EUR excl. VAT		12372	12694	13896	15050	
Price, EUR incl. VAT		14970	15360	16814	18211		

AE200DNXMPK/EU
2-zone control
200
28/28
22/22
22
598 x 1850 x 600
139
6
1φ, 220-240V, 50Hz
C16
3 X 2.5
3, 380-415, 50
C16
5 x 2.5
+630
+762

According to standards: EN14511 (COP and EER), EN1428 (SCOP).

* 5-year warranty applies when commissioning is performed by an authorized SAMSUNG partner.

** The indoor unit electric heater can be connected to a single-phase power supply. Its output is then 2/4 kW. Select the circuit breaker and power cable accordingly (see installation manual).

SAMSUNG

EHS MONO HT Quite HYDRO AI HOME

- 5-year official manufacturer's warranty*
- EUROVENT certification
- Integrated WiFi
- AI energy-saving mode for heating and domestic hot water preparation
- Solar PV and Smart Grid support
- Heating even at -25°C
- Integrated magnetic filter and 3-way valve
- Option to choose a unit with integrated 2-zone control components



Outdoor unit			AE080BXYDEG/EU	AE080BXYDGG/EU	AE120BXYDGG/EU	AE140BXYDGG/EU
Indoor unit			AE160DNYPMPK/EU	AE160DNYPMPK/EU	AE160DNYPMPK/EU	AE160DNYPMPK/EU
System parameters	Heating capacity	kW	8.0	8.0	12.0	14.0
	Cooling capacity	kW	8.0	8.0	12.0	14.0
	COP	A7/W35 W/W	5.0	5.0	5.11	5.05
	EER	A35/W18 W/W	4.71	4.71	4.55	4.46
	SCOP	LWT 35°C W/W	4.64	4.64	4.90	4.83
	Energy class	LWT 35°C/55°C	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++
	Heating capacity (EU) No 813/2013	P-rated kW	10	10	13	14
	Nominal water flow	L/min	23.1	23.1	34.6	40.4
	Minimum continuously available water volume	L	135	135	140	150
	Operating temperatures	Heating °C	-30-43	-30-43	-30-43	-30-43
Outdoor unit		Cooling °C	10-46	10-46	10-46	10-46
		Domestic hot water °C	-30-43	-30-43	-30-43	-30-43
	Max. leaving water temperature	Heating °C	70	70	70	70
		Hot water °C	63	63	63	63
	Dimensions (W x H x D)	mm	1270 x 1018 x 530	1270 x 1018 x 530	1270 x 1018 x 530	1270 x 1018 x 530
	Weight	kg	126	126	137	137
	Pipe connections (threaded)	Supply/return inches	1"/1"	1"/1"	1"/1"	1"/1"
	Refrigerant		R32	R32	R32	R32
	Refrigerant charge	Pre-charged kg	2.70	2.70	3.30	3.30
	Sound pressure	Heating (std.) dB(A)	42	42	46	47
Vidinis unit	Power supply	Φ, V, Hz	1Φ, 220-240V, 50Hz	3Φ, 380-415V, 50Hz	3Φ, 380-415V, 50Hz	3Φ, 380-415V, 50Hz
	Recommended circuit breaker	A	C25	C16	C16	C16
	Recommended power cable	mm²	3 x 4.0	5 x 2.5	5 x 2.5	5 x 2.5
	Shielded communication cable (outdoor-indoor)	mm²	2 x 0.75	2 x 0.75	2 x 0.75	2 x 0.75
	Base pan heater		Integrated	Integrated	Integrated	Integrated
	Pipe connections	Supply/return mm	28/28	28/28	28/28	28/28
		DHW mm	28/28	28/28	28/28	28/28
	Dimensions	mm	530 x 840 x 350	530 x 840 x 350	530 x 840 x 350	530 x 840 x 350
	Weight	kg	43	43	43	43
	Integrated electric heater	kW	6	6	6	6
Price	Power supply	Φ, V, Hz	1Φ, 220-240V, 50Hz	1Φ, 220-240V, 50Hz	1Φ, 220-240V, 50Hz	1Φ, 220-240V, 50Hz
	Recommended circuit breaker	A	C25	C16 (3Φ)	C16 (3Φ)	C16 (3Φ)
	Recommended power cable	mm²	3 x 4.0	5 x 2.5	5 x 2.5	5 x 2.5
	Electric heater power supply**	Φ, V, Hz	3, 380-415, 50	3, 380-415, 50	3, 380-415, 50	3, 380-415, 50
	Electric heater circuit breaker	A	C16	C16	C16	C16
	Electric heater power cable	mm²	5 x 2.5	5 x 2.5	5 x 2.5	5 x 2.5
	Price, EUR excl. VAT		9446	9768	10970	12124
Price, EUR incl. VAT			11429	11819	13273	14671

AE160DNZMPK/EU
2-zone control
28/28
28/28
530 x 840 x 350
54
6
1Φ, 220-240V, 50Hz
C16 (3Φ)
5 x 2.5
3, 380-415, 50
C16
5 x 2.5
+630
+762

According to standards: EN14511 (COP and EER), EN1428 (SCOP).

* 5-year warranty applies when commissioning is performed by an authorized SAMSUNG partner.

** The indoor unit electric heater can be connected to a single-phase power supply. Its output is then 2/4 kW. Select the circuit breaker and power cable accordingly (see installation manual).

SAMSUNG

EHS MONO HT Quite

- 5-year official manufacturer's warranty*
- 100% capacity maintained at -25°C
- Leaving water temperature up to +70°C at -15°C
- EUROVENT certification
- Solar PV and Smart Grid support



Outdoor unit			AE080BXYDEG/EU	AE080BXYDGG/EU	AE120BXYDGG/EU	AE140BXYDGG/EU
Control unit			MIM-E03FN	MIM-E03FN	MIM-E03FN	MIM-E03FN
System parameters	Heating capacity	kW	8.0	8.0	12.0	14.0
	Cooling capacity	kW	8.0	8.0	12.0	14.0
	COP	A7/W35 W/W	5.0	5.0	5.11	5.05
	EER	A35/W18 W/W	4.71	4.71	4.55	4.46
	SCOP	LWT 35°C W/W	4.64	4.64	4.90	4.83
	Energy class	LWT 35°C/55°C	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++
	Heating capacity (EU) No 813/2013	P-rated kW	9.5	9.5	12.6	13.6
	Nominal water flow	L/min	23.1	23.1	34.6	40.4
	Minimum continuously available water volume	L	135	135	140	150
Outdoor unit	Operating temperatures	Heating	°C	-30-43	-30-43	-30-43
		Cooling	°C	10-46	10-46	10-46
		Domestic hot water	°C	-30-43	-30-43	-30-43
	Max. leaving water temperature	Heating	°C	70	70	70
		Hot water	°C	63	63	63
	Dimensions (W x H x D)	mm	1270 x 1018 x 530	1270 x 1018 x 530	1270 x 1018 x 530	1270 x 1018 x 530
	Weight	kg	126	126	137	137
	Pipe connections (threaded)	Supply/return	inches	1"/1"	1"/1"	1"/1"
	Refrigerant		R32	R32	R32	R32
	Refrigerant charge	Pre-charged	kg	2.70	3.30	3.30
	Sound pressure	Heating (std.)	dB(A)	42	46	47
	Power supply	φ, V, Hz	1φ, 220-240V, 50Hz	3φ, 380-415V, 50Hz	3φ, 380-415V, 50Hz	3φ, 380-415V, 50Hz
	Recommended circuit breaker	A	C25	C16	C16	C16
	Recommended power cable	mm²	3 x 4.0	5 x 2.5	5 x 2.5	5 x 2.5
	Shielded communication cable (outdoor-indoor)	mm²	2 x 0.75	2 x 0.75	2 x 0.75	2 x 0.75
	Base pan heater		Integrated	Integrated	Integrated	Integrated
Control unit	Dimensions	mm	380 x 480 x 150	380 x 480 x 150	380 x 480 x 150	380 x 480 x 150
	Weight	kg	7.1	7.1	7.1	7.1
	Power supply***	φ, V, Hz	1φ, 220-240V, 50Hz	1φ, 220-240V, 50Hz	1φ, 220-240V, 50Hz	1φ, 220-240V, 50Hz
	Recommended circuit breaker***	A	C20	C20	C20	C20
	Recommended power cable***	mm²	3 x 2.5	3 x 2.5	3 x 2.5	3 x 2.5
Price, EUR excl. VAT			7632	7954	9156	10310
Price, EUR incl. VAT			9234	9624	11078	12476

According to standards: EN14511 (COP and EER), EN1428 (SCOP).

* 5-year warranty applies when commissioning is performed by an authorized SAMSUNG partner.

** With the control unit, the circulation pump, expansion vessel, safety group, filter and electric heater for the heating system must be provided separately. For DHW preparation, a 3-way valve, hot water tank and electric heater for the hot water tank are also required.

*** The stated power supply is for the control system only, which can directly power a DHW tank electric heater up to 3 kW. A separate electric heater must be installed for the heating system and, depending on its technical specifications, the required cable, circuit breaker and magnetic contactor must be provided separately.

SAMSUNG

EHS MONO R290 No Pump + ClimateHub Heating | cooling | domestic hot water

- 5-year official manufacturer's warranty*
- Integrated WiFi module
- EUROVENT certification
- Solar PV and Smart Grid support
- Heating even at -25°C



Outdoor unit			AE080CXYDEK/EU	AE080CXYDGK/EU	AE120CXYDGK/EU	AE160CXYDGK/EU
Indoor unit			AE260CNWMGG/EU	AE260CNWMGG/EU	AE260CNWMGG/EU	AE260CNWMGG/EU
Wired controller			MWR-WW10KN	MWR-WW10KN	MWR-WW10KN	MWR-WW10KN
System parameters	Heating capacity	kW	8.0	8.0	12.0	16.0
	Cooling capacity	kW	8.0	8.0	12.0	14.0
	COP	A7/W35 W/W	4.91	4.91	4.80	4.51
	EER	A35/W18 W/W	3.90	3.90	4.00	3.80
	SCOP	LWT 35°C W/W	4.85	4.85	4.90	4.70
	Energy class	LWT 35°C/55°C	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++
	Heating capacity (EU) No 813/2013	P-rated kW	8.0	8.0	12.0	15
	Nominal water flow	L/min	23.1	23.1	34.6	46.2
Outdoor unit	Minimum continuously available water volume	L	90	90	140	150
	Operating temperatures	Heating °C	-25-35	-25-35	-25-35	-25-35
		Cooling °C	10-46	10-46	10-46	10-46
		Domestic hot water °C	-25-43	-25-43	-25-43	-25-43
	Max. leaving water temperature	Heating °C	75	75	75	75
		Hot water °C	70	70	70	70
	Dimensions (W x H x D)	mm	998 x 850 x 500	998 x 850 x 500	1270 x 1018 x 530	1270 x 1018 x 530
	Weight	kg	98	98	140	140
Indoor unit	Pipe connections (threaded)	Supply/return inches	1"/1"	1"/1"	1"/1"	1"/1"
	Refrigerant		R290	R290	R290	R290
	Refrigerant charge	Pre-charged kg	0.87	0.87	1.25	1.25
	Sound pressure	Heating (std.) dB(A)	45	45	47	51
	Power supply	φ, V, Hz	1φ, 220-240V, 50Hz	3φ, 380-415V, 50Hz	3φ, 380-415V, 50Hz	3φ, 380-415V, 50Hz
	Recommended circuit breaker	A	C25	C16	C16	C16
	Recommended power cable	mm ²	3 x 4.0	5 x 2.5	5 x 2.5	5 x 2.5
	Shielded communication cable (outdoor-indoor)	mm ²	2 x 0.75	2 x 0.75	2 x 0.75	2 x 0.75
Indoor unit	Base pan heater		Integrated	Integrated	Integrated	Integrated
	Water tank	L	260	260	260	260
	Pipe connections	Supply/return mm	28/28	28/28	28/28	28/28
		DHW	22/22	22/22	22/22	22/22
		Recirculation	22	22	22	22
	Dimensions	mm	595 x 1800 x 700	595 x 1800 x 700	595 x 1800 x 700	595 x 1800 x 700
	Weight	kg	136	138	138	138
	Integrated electric heater	kW	2	6	6	6
Indoor unit	Power supply	φ, V, Hz	1φ, 220-240V, 50Hz	3φ, 380-415V, 50Hz + 1φ, 220-240V, 50Hz	3φ, 380-415V, 50Hz + 1φ, 220-240V, 50Hz	3φ, 380-415V, 50Hz + 1φ, 220-240V, 50Hz
	Recommended circuit breaker	A	C25	C16 (3φ) + C16 (1φ)	C16 (3φ) + C16 (1φ)	C16 (3φ) + C16 (1φ)
	Recommended power cable	mm ²	3 x 4.0	5 x 2.5 + 3 x 2.5	5 x 2.5 + 3 x 2.5	5 x 2.5 + 3 x 2.5
Price, EUR excl. VAT			10634	11175	12324	13110
Price, EUR incl. VAT			12868	13522	14912	15863

According to standards: EN14511 (COP and EER), EN1428 (SCOP).

* 5-year warranty applies when commissioning is performed by an authorized SAMSUNG partner.

SAMSUNG

EHS MONO R290 No Pump CLIMATEHUB AI HOME

- 5-year official manufacturer's warranty*
- EUROVENT certification
- Integrated WiFi
- AI energy-saving mode for heating and domestic hot water preparation
- Solar PV and Smart Grid support
- Heating even at -25°C
- Integrated magnetic filter and 3-way valve
- Option to choose a unit with integrated 2-zone control components
- 3-layer DHW tank insulation (56% more efficient than the previous tank)



Outdoor unit			AE050CXYDEK/EU	AE080CXYDEK/EU	AE080CXYDGK/EU	AE120CXYDGK/EU	AE160CXYDGK/EU
Indoor unit			AE200DNWMPK/EU	AE200DNWMPK/EU	AE200DNWMPK/EU	AE200DNWMPK/EU	AE200DNWMPK/EU
System parameters	Heating capacity	kW	5.0	8.0	8.0	12.0	16.0
	Cooling capacity	kW	5.0	8.0	8.0	12.0	14.0
	COP	A7/W35 W/W	5.10	4.91	4.91	4.80	4.51
	EER	A35/W18 W/W	3.91	3.90	3.90	4.00	3.80
	SCOP	LWT 35°C W/W	5.10	4.85	4.85	4.90	4.70
	Energy class	LWT 35°C/55°C	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++
	Heating capacity (EU) No 813/2013	P-rated kW	6	8.0	8.0	12.0	16
	Nominal water flow	L/min	14.4	23.1	23.1	34.6	46.2
	Minimum continuously available water volume	L	60	90	90	140	150
Outdoor unit	Operating temperatures	Heating °C	-25-35	-25-35	-25-35	-25-35	-25-35
		Cooling °C	10-46	10-46	10-46	10-46	10-46
		Domestic hot water °C	-25-43	-25-43	-25-43	-25-43	-25-43
	Max. leaving water temperature	Heating °C	75	75	75	75	75
		Hot water °C	70	70	70	70	70
	Dimensions (W x H x D)	mm	998 x 850 x 500	998 x 850 x 500	998 x 850 x 500	1270 x 1018 x 530	1270 x 1018 x 530
	Weight	kg	86	98	98	140	140
	Pipe connections (threaded)	Supply/return inches	1"/1"	1"/1"	1"/1"	1"/1"	1"/1"
	Refrigerant		R290	R290	R290	R290	R290
	Refrigerant charge	Pre-charged kg	0.63	0.87	0.87	1.25	1.25
	Sound pressure	Heating (std.) dB(A)	41	45	45	47	51
	Power supply	Φ, V, Hz	1Φ, 220-240V, 50Hz	1Φ, 220-240V, 50Hz	3Φ, 380-415V, 50Hz	3Φ, 380-415V, 50Hz	3Φ, 380-415V, 50Hz
	Recommended circuit breaker	A	C16	C25	C16	C16	C16
	Recommended power cable	mm²	3 x 2.5	3 x 4.0	5 x 2.5	5 x 2.5	5 x 2.5
	Shielded communication cable (outdoor-indoor)	mm²	2 x 0.75	2 x 0.75	2 x 0.75	2 x 0.75	2 x 0.75
	Base pan heater		Integrated	Integrated	Integrated	Integrated	Integrated
	Water tank	L	200	200	200	200	200
	Pipe connections	Supply/return mm	28/28	28/28	28/28	28/28	28/28
		DHW mm	22/22	22/22	22/22	22/22	22/22
		Recirculation mm	22	22	22	22	22
Indoor unit	Dimensions	mm	598 x 1850 x 600	598 x 1850 x 600	598 x 1850 x 600	598 x 1850 x 600	598 x 1850 x 600
	Weight	kg	139	139	139	139	139
	Integrated electric heater	kW	6	6	6	6	6
	Power supply	Φ, V, Hz	1Φ, 220-240V, 50Hz	1Φ, 220-240V, 50Hz	1Φ, 220-240V, 50Hz	1Φ, 220-240V, 50Hz	1Φ, 220-240V, 50Hz
	Recommended circuit breaker	A	C16	C16	C16	C16	C16
	Recommended power cable	mm²	3 X 2.5	3 X 2.5	3 X 2.5	3 X 2.5	3 X 2.5
	Electric heater power supply**	Φ, V, Hz	3, 380-415, 50	3, 380-415, 50	3, 380-415, 50	3, 380-415, 50	3, 380-415, 50
	Electric heater circuit breaker	A	C16	C16	C16	C16	C16
	Electric heater power cable	mm²	5 x 2.5	5 x 2.5	5 x 2.5	5 x 2.5	5 x 2.5
Price, EUR excl. VAT			10047	10969	12399	12388	13174
Price, EUR incl. VAT			12157	13272	13599	14990	15940

AE200DNXMPK/EU
2-zone control
200
28/28
22/22
22
598 x 1850 x 600
139
6
1Φ, 220-240V, 50Hz
C16
3 X 2.5
3, 380-415, 50
C16
5 x 2.5
+668
+808

According to standards: EN14511 (COP and EER), EN1428 (SCOP).

* 5-year warranty applies when commissioning is performed by an authorized SAMSUNG partner.

** The indoor unit electric heater can be connected to a single-phase power supply. Its output is then 2/4 kW. Select the circuit breaker and power cable accordingly (see installation manual).

SAMSUNG

EHS MONO R290 No Pump HYDRO AI HOME

- 5-year official manufacturer's warranty*
- EUROVENT certification
- Integrated WiFi
- AI energy-saving mode for heating and domestic hot water preparation
- Solar PV and Smart Grid support
- Heating even at -25°C
- Integrated magnetic filter and 3-way valve
- Option to choose a unit with integrated 2-zone control components



Outdoor unit			AE050CXYDEK/EU	AE080CXYDEK/EU	AE080CXYDGK/EU	AE120CXYDGK/EU	AE160CXYDGK/EU
Indoor unit			AE160DNYPMPK/EU	AE160DNYPMPK/EU	AE160DNYPMPK/EU	AE160DNYPMPK/EU	AE160DNYPMPK/EU
System parameters	Heating capacity	kW	5.0	8.0	8.0	12.0	16.0
	Cooling capacity	kW	5.0	8.0	8.0	12.0	14.0
	COP	A7/W35 W/W	5.10	4.91	4.91	4.80	4.51
	EER	A35/W18 W/W	3.91	3.90	3.90	4.00	3.80
	SCOP	LWT 35°C W/W	5.10	4.85	4.85	4.90	4.70
	Energy class	LWT 35°C/55°C	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++
	Heating capacity (EU) No 813/2013	P-rated kW	6	8.0	8.0	12.0	16
	Nominal water flow	L/min	14.4	23.1	23.1	34.6	46.2
	Minimum continuously available water volume	L	60	90	90	140	150
	Outdoor unit	Operating temperatures	Heating °C	-25-35	-25-35	-25-35	-25-35
Cooling °C			10-46	10-46	10-46	10-46	10-46
Domestic hot water °C			-25-43	-25-43	-25-43	-25-43	-25-43
Max. leaving water temperature		Heating °C	75	75	75	75	75
		Hot water °C	70	70	70	70	70
Dimensions (W x H x D)		mm	998 x 850 x 500	998 x 850 x 500	998 x 850 x 500	1270 x 1018 x 530	1270 x 1018 x 530
Weight		kg	86	98	98	140	140
Pipe connections (threaded)		Supply/return inches	1"/1"	1"/1"	1"/1"	1"/1"	1"/1"
Refrigerant			R290	R290	R290	R290	R290
Refrigerant charge		Pre-charged kg	0.63	0.87	0.87	1.25	1.25
Sound pressure	Heating (std.) dB(A)	41	45	45	47	51	
Power supply	Φ, V, Hz	1Φ, 220-240V, 50Hz	1Φ, 220-240V, 50Hz	3Φ, 380-415V, 50Hz	3Φ, 380-415V, 50Hz	3Φ, 380-415V, 50Hz	
Recommended circuit breaker	A	C16	C25	C16	C16	C16	
Recommended power cable	mm²	3 x 2.5	3 x 4.0	5 x 2.5	5 x 2.5	5 x 2.5	
Shielded communication cable (outdoor-indoor)	mm²	2 x 0.75	2 x 0.75	2 x 0.75	2 x 0.75	2 x 0.75	
Base pan heater		Integrated	Integrated	Integrated	Integrated	Integrated	
Pipe connections	Supply/return mm	28/28	28/28	28/28	28/28	28/28	
	DHW mm	28/28	28/28	28/28	28/28	28/28	
Dimensions	mm	530 x 840 x 350	530 x 840 x 350	530 x 840 x 350	530 x 840 x 350	530 x 840 x 350	
Weight	kg	43	43	43	43	43	
Integrated electric heater	kW	6	6	6	6	6	
Power supply	Φ, V, Hz	1Φ, 220-240V, 50Hz	1Φ, 220-240V, 50Hz	1Φ, 220-240V, 50Hz	1Φ, 220-240V, 50Hz	1Φ, 220-240V, 50Hz	
Recommended circuit breaker	A	C16	C16	C16 (1Φ)	C16 (1Φ)	C16 (1Φ)	
Recommended power cable	mm²	3 x 2.5	3 x 2.5	3 x 2.5	3 x 2.5	3 x 2.5	
Electric heater power supply* *	Φ, V, Hz	3Φ, 380-415V, 50Hz	3Φ, 380-415V, 50Hz	3Φ, 380-415V, 50Hz	3Φ, 380-415V, 50Hz	3Φ, 380-415V, 50Hz	
Electric heater circuit breaker	A	C16	C16	C16	C16	C16	
Electric heater power cable	mm²	5 x 2.5	5 x 2.5	5 x 2.5	5 x 2.5	5 x 2.5	
Price, EUR excl. VAT		7121	8043	8313	9462	10248	
Price, EUR incl. VAT		8617	9732	10058	11449	12400	

AE160DNZMPK/EU
2-zone control
28/28
28/28
530 x 840 x 350
54
6
1Φ, 220-240V, 50Hz
C16 (1Φ)
3 x 2.5
3Φ, 380-415V, 50Hz
C16
5 x 2.5
+668
+808

According to standards: EN14511 (COP and EER), EN1428 (SCOP).

* 5-year warranty applies when commissioning is performed by an authorized SAMSUNG partner.

** The indoor unit electric heater can be connected to a single-phase power supply. Its output is then 2/4 kW. Select the circuit breaker and power cable accordingly (see installation manual).

SAMSUNG

EHS MONO R290 No Pump

- 5-year official manufacturer's warranty*
- EUROVENT certification
- Solar PV and Smart Grid support
- Heating even at -25°C
- Hydraulic components selected separately*



Outdoor unit			AE050CXYDEK/EU	AE080CXYDEK/EU	AE080CXYDGK/EU	AE120CXYDGK/EU	AE160CXYDGK/EU
Control unit			MIM-E03FN	MIM-E03FN	MIM-E03FN	MIM-E03FN	MIM-E03FN
System parameters	Heating capacity	kW	5.0	8.0	8.0	12.0	16.0
	Cooling capacity	kW	5.0	8.0	8.0	12.0	14.0
	COP	A7/W35 W/W	5.10	4.91	4.91	4.80	4.51
	EER	A35/W18 W/W	3.91	3.90	3.90	4.00	3.80
	SCOP	LWT 35°C W/W	5.10	4.85	4.85	4.90	4.70
	Energy class	LWT 35°C/55°C	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++
	Heating capacity (EU) No 813/2013	P-rated kW	5.5	8.0	8.0	12.0	15.5
	Nominal water flow	L/min	14.4	23.1	23.1	34.6	46.2
	Minimum continuously available water volume	L	60	90	90	140	150
Outdoor unit	Operating temperatures	Heating °C	-25-35	-25-35	-25-35	-25-35	-25-35
		Cooling °C	10-46	10-46	10-46	10-46	10-46
		Domestic hot water °C	-25-43	-25-43	-25-43	-25-43	-25-43
	Max. leaving water temperature	Heating °C	75	75	75	75	75
		Hot water °C	70	70	70	70	70
	Dimensions (W x H x D)	mm	998 x 850 x 500	998 x 850 x 500	998 x 850 x 500	1270 x 1018 x 530	1270 x 1018 x 530
	Weight	kg	86	98	98	140	140
	Pipe connections (threaded)	Supply/return inches	1"/1"	1"/1"	1"/1"	1"/1"	1"/1"
	Refrigerant		R290	R290	R290	R290	R290
	Refrigerant charge	Pre-charged kg	0.63	0.87	0.87	1.25	1.25
	Sound pressure	Heating (std.) dB(A)	41	45	45	47	51
	Power supply	φ, V, Hz	1φ, 220-240V, 50Hz	1φ, 220-240V, 50Hz	3φ, 380-415V, 50Hz	3φ, 380-415V, 50Hz	3φ, 380-415V, 50Hz
	Recommended circuit breaker	A	C16	C25	C16	C16	C16
	Recommended power cable	mm²	3 x 2.5	3 x 4.0	5 x 2.5	5 x 2.5	5 x 2.5
	Shielded communication cable (outdoor-indoor)	mm²	2 x 0.75	2 x 0.75	2 x 0.75	2 x 0.75	2 x 0.75
Control unit	Base pan heater		Integrated	Integrated	Integrated	Integrated	Integrated
	Dimensions	mm	380 x 480 x 150	380 x 480 x 150	380 x 480 x 150	380 x 480 x 150	380 x 480 x 150
	Weight	kg	7.1	7.1	7.1	7.1	7.1
	Power supply***	φ, V, Hz	1φ, 220-240V, 50Hz	1φ, 220-240V, 50Hz	1φ, 220-240V, 50Hz	1φ, 220-240V, 50Hz	1φ, 220-240V, 50Hz
	Recommended circuit breaker***	A	C20	C20	C20	C20	C20
	Recommended power cable***	mm²	3 x 2.5	3 x 2.5	3 x 2.5	3 x 2.5	3 x 2.5
Price, EUR excl. VAT			5307	6229	6499	7648	8434
Price, EUR incl. VAT			6422	7537	7863	9254	10205

According to standards: EN14511 (COP and EER), EN1428 (SCOP).

* 5-year warranty applies when commissioning is performed by an authorized SAMSUNG partner.

** With the control unit, the circulation pump, expansion vessel, safety group, filter and electric heater for the heating system must be provided separately. For domestic hot water, a 3-way valve, hot water tank and electric heater for the hot water tank are also required.

*** The stated power supply is for the control system only, which can directly power a DHW tank electric heater up to 3 kW. A separate electric heater must be installed for the heating system and, depending on its technical specifications, the required cable, circuit breaker and magnetic contactor must be provided separately.

SAMSUNG

EHS MONO R290 Pump

Heating | cooling

- 5-year official manufacturer's warranty*
- Integrated circulation pump, expansion vessel, flow sensor and safety valve
- Integrated WiFi control
- EUROVENT certification
- Solar PV and Smart Grid support
- Heating even at -25°C



Outdoor unit			AE050CXYBEK/EU	AE080CXYBEK/EU	AE080CXYBGK/EU	AE120CXYBGK/EU	AE160CXYBGK/EU
Wired controller			MWR-WW10KN	MWR-WW10KN	MWR-WW10KN	MWR-WW10KN	MWR-WW10KN
System parameters	Heating capacity	kW	5.0	8.0	8.0	12.0	16.0
	Cooling capacity	kW	5.0	8.0	8.0	12.0	14.0
	COP	A7/W35 W/W	5.10	4.91	4.91	4.80	4.51
	EER	A35/W18 W/W	3.91	3.90	3.90	4.00	3.80
	SCOP	LWT 35°C W/W	5.10	4.85	4.85	4.90	4.70
	Energy class	LWT 35°C/55°C	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++
	Heating capacity (EU) No 813/2013	P-rated kW	5.5	8.0	8.0	12.0	15.5
	Nominal water flow	L/min	14.4	23.1	23.1	34.6	40.4
	Minimum continuously available water volume	L	60	90	90	140	150
	Operating temperatures						
Outdoor unit	Heating	°C	-25-35	-25-35	-25-35	-25-35	-25-35
	Cooling	°C	10-46	10-46	10-46	10-46	10-46
	Domestic hot water	°C	-25-43	-25-43	-25-43	-25-43	-25-43
	Max. leaving water temperature						
	Heating	°C	75	75	75	75	75
	Hot water	°C	70	70	70	70	70
	Dimensions (W x H x D)	mm	1270 x 850 x 500	1270 x 850 x 500	1270 x 850 x 500	1270 x 1018 x 530	1270 x 1018 x 530
	Weight	kg	113	125	125	154	154
	Pipe connections (threaded)	Supply/return inches	1"/1"	1"/1"	1"/1"	1"/1"	1"/1"
	Refrigerant		R290	R290	R290	R290	R290
	Refrigerant charge	Pre-charged kg	0.63	0.87	0.87	1.25	1.25
	Sound pressure	Heating (std.) dB(A)	41	45	45	47	51
	Power supply	φ, V, Hz	1φ, 220-240V, 50Hz	1φ, 220-240V, 50Hz	3φ, 380-415V, 50Hz	3φ, 380-415V, 50Hz	3φ, 380-415V, 50Hz
	Recommended circuit breaker	A	C16	C25	C16	C16	C16
	Recommended power cable	mm ²	3 x 2.5	3 x 4.0	5 x 2.5	5 x 2.5	5 x 2.5
	Shielded communication cable (outdoor-indoor)	mm ²	2 x 0.75	2 x 0.75	2 x 0.75	2 x 0.75	2 x 0.75
	Base pan heater		Integrated	Integrated	Integrated	Integrated	Integrated
Control controller	Dimensions	mm	120 x 120 x 19	120 x 120 x 19	120 x 120 x 19	120 x 120 x 19	120 x 120 x 19
	Control cable (outdoor-controller)	mm ²	2 x 0.75	2 x 0.75	2 x 0.75	2 x 0.75	2 x 0.75
Price, EUR excl. VAT			4758	5782	6082	7311	8070
Price, EUR incl. VAT			5758	6996	7359	8846	9765

According to standards: EN14511 (COP and EER), EN1428 (SCOP).

* 5-year warranty applies when commissioning is performed by an authorized SAMSUNG partner.

** A separate electric heater must be provided for the heating system. For DHW preparation, a 3-way valve, hot water tank and electric heater for the hot water tank are also required.

Accessories

Model		Description	Price excl. VAT	Price incl. VAT
MIM-H04EN		WiFi module - Up to 16 units can be connected	219	264
MWR-WW10KN		Multifunction wired controller with colour display - EN/FI/SV/NO/DA/LT - Intuitive, user-friendly controller with colour display - Energy consumption measurement - Integrated thermostat - Adjustment and setting of all available functions	139	169
MCM-A300BN		Centralized controller with touchscreen. Up to 128 indoor units can be connected	1409	1705
MRW-TA		External room sensor	33	40
MIM-B19N		Modbus control module for EHS units	127	154
MIM-D01AN		Centralized control and monitoring DMS2.5	1892	2289
MHC-400FE		4 kW electric heater (single-phase) - can replace the existing heater or be installed as an additional heater, or when a Mono unit with control automation is used	500	605
MHC-600FE		6 kW electric heater (single-phase) - can replace the existing heater or be installed as an additional heater, or when a Mono unit with control automation is used	564	683
MVW-EE300		Cable extension kit for controller	165	199
MOS-T1		Temperature sensors for 2-zone control	264	319
MHC-300FP		3 kW auxiliary heater	779	943
MCM-D3E0N		Cascade controller for MONO heat pumps	1430	1730
MIM-E03GN		Automation module for MONO heat pump cascade control	770	932

* Prices shown in the catalogue are for general information and comparison of similar products only.