

Haier

More Creation, More Possibilities

Haier

HVAC Solutions

Haier HVAC UK Pricelist

2024/25



Haier BRAND STORY

Today, in the diverse and unconventional age of the Internet, "one size fits all" products and solutions are not enough to satisfy the customer. Customers want to be treated as autonomous individuals and respected for who they are.

Everyone wants their unique lifestyle acknowledged. That is why we listen carefully to our customers in order to gain a genuine understanding of their lifestyle and requirements. Each of us deserves to live an extraordinary smart home experience, which can be simple, sophisticated, organised and enjoyable.

As a global leader, Haier, in addition to innovating its products and solutions, transforms its organisation into a connected platform. In doing so, internal and external resources are connected quickly and easily. We believe only by doing so, we can best meet our customers' expectations in this rapidly evolving world.

Join the Haier network. Create new possibilities.



The data in this catalogue is purely indicative as the data may vary. Please be advised to check the accuracy of the data with the supplier before purchasing products.
The Inverter Air Conditioner Guarantee expires if a Class A differential magnetothermal circuit breaker is not installed.

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This warranty includes parts only.
For further details and requirement,
please contact your Haier partner

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Haier HVAC IN UK

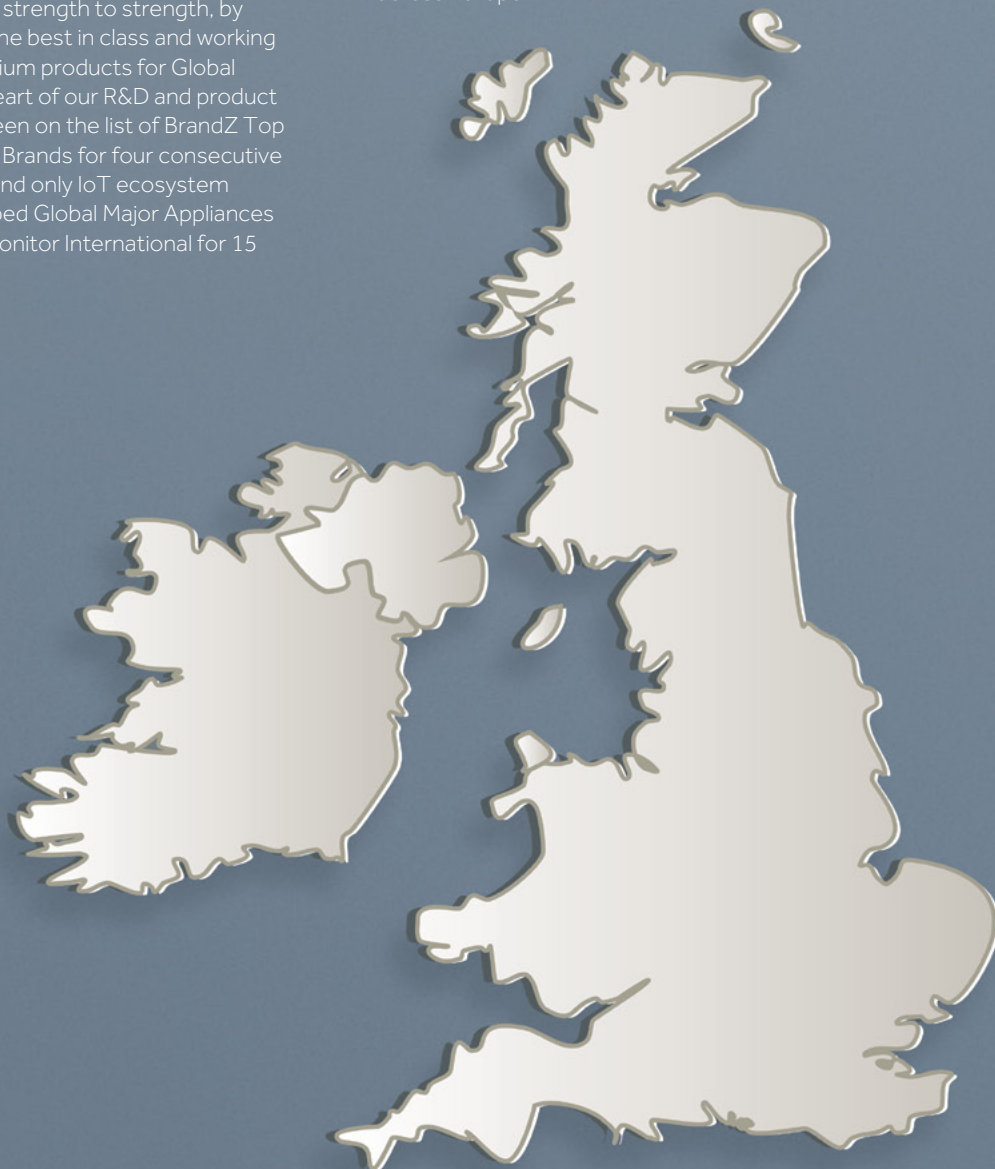
Haier is a global leading provider of smart and comfort solutions with an ambition to continuously deliver unique and advance technologies, superior design and tailor-made experiences when it comes to the environment you're in and the air you breath. We have truly increased our presence in Europe as a trustworthy brand with a premium product offering, a growing network of distributors, post-sale service and 6-year warranty.

Haier Group was established in 1984 in Qingdao by Zhang Ruimin who has centred the business around the RenDanHeYi philosophy. The well-respected model, developed and implemented by Mr. Ruimin, is revolutionary as no other company operates in this way. RenDanHeYi puts the needs of the user first, with the model's core component being "zero distance" to the customers. At Haier are empowered to provide outstanding commitment and value to our partners and end customers, keeping them at the forefront at all times.

We have since gone from strength to strength, by continuously striving for the best in class and working towards developing premium products for Global markets with IoT at the heart of our R&D and product development. We have been on the list of BrandZ Top 100 Most Valuable Global Brands for four consecutive years as the world's first and only IoT ecosystem brand. Haier has also topped Global Major Appliances Brand Rankings by Euromonitor International for 15 consecutive years.

Haier's UK HVAC journey started 2 years ago, using the strong presence and brand recognition that we have across Europe, we have used this momentum to set up a dedicated UK team as well as a talented set of partners that have access to Haier HVAC products from across the portfolio. With local warehousing and a team of technical service specialists, Haier HVAC UK can support both residential and commercial projects. Offering a comprehensive solution including: Heating, Air Conditioning and Green Energy products. This holistic approach is what makes Haier unique, the ability to have a one brand solution makes pre-sales, installation and aftersales a simpler process for those involved in the supply chain.

Our total production capacity is over 27 million sets per year, supported by 16 Air Conditioning factories with 8 of them being in overseas markets. This outstanding capacity enables us to continually strive to lead the market in delivering Smart and Healthy solutions across Europe.



HVAC EUROPEAN TRAINING HUB

In 2022 Haier celebrated the opening of its new HVAC European training centre in Barcelona. The new Training Hub can facilitate a range of training programmes which is tailored to the needs of our professional network including installers and consultants. So far the Hub has welcomed close to 3000 visitors who have all been able to get close to the brand and solutions we have on offer.

The facilities are fully operational with 3 dedicated rooms, which includes products from our entire portfolio from Residential, Heating and Commercial solutions, giving visitors a truly hands on experience.

We look forward to welcoming our Distributors, Installers and Designers to come and experience Haier's HVAC Solutions first-hand.





CONTROL SYSTEMS

REMOTE CONTROLLERS

					
SERIES	YR-HE	YR-HE2	YR-HQS01	YR-HQ	HQ-HJ
PRICE	£50	£50	£60	£70	£80

WIRED CONTROLLERS

CABLE CONNECTOR

					
SERIES	HW-BA101ABT	HW-BA116ABK	HW-SA201ABK	YR-E16B	0010452854
PRICE	£165	£100	£120	£220	£40

CENTRAL CONTROLLERS

					
SERIES	HC-SA164DBT	HIW164DBI Wi-Fi Accessory	HC-LA1CDBT	HA-MA1ADB for HC-LA1CDBT	YCZ-A004
PRICE	£460	£100	£6090	£460	£1305

CONTROLLER ACCESORIES

											
		MODEL	YCJ-A002	YCJ-A003	HA-AC-KNX-08	HA-AC-KNX-16	HA-AC-KNX-64	IGU02	IGU07	IGU09	IGU10
PRICE		£80	£460	£2800	£3400	£6500	£600	£2500	£120	£100	£130

CONTROLLER ACCESORIES

					
MODEL	HA-MA164AD	YR-NS	TD-03	HI-WB201DEI	WK-B
PRICE	£460	£50	£115	£70	£150

BMS

				
MODEL	HCM-01A	HCM-03A	HCM-04	HCM-06
PRICE	£3480	£14525	£5565	£13915



RESIDENTIAL & COMMERCIAL

REVIVE PLUS NEW A++ / A+



Coanda Plus



Self Clean



Integrated
Wi-Fi Cont



Easy
Installation



56°C
Steri-Clean



3-Level-Eco



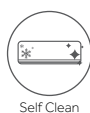
Wi-Fi Easy Pair



I Feel

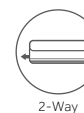
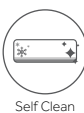
INDOOR UNIT	MODEL		AS25RBAHRA-3	AS35RBAHRA-4	AS50RCBHRA-4	AS68RDAHRA-4
OUTDOOR UNIT	MODEL		1U25YESFRA-3	1U35YESFRA-4	1U50MERFRA-4	1U68MRAFRA-4
PERFORMANCE DATA						
Output power - COOLING	nom (min-max)	kW	2,7 (0,7-3,4)	3,2 (0,8-3,8)	4,8 (1,3-5,4)	6,2 (1,3-7,4)
Output power - HEATING	nom (min-max)	kW	2,9 (0,7-3,6)	3,9 (0,7-4,0)	4,8 (1,3-5,4)	6,3 (1,4-7,5)
INSTALLATION DATA						
Refrigerant			R32	R32	R32	R32
Liquid pipe	Ø	mm (inch)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)
Gas pipe	Ø	mm (inch)	9,52 (3/8)	9,52 (3/8)	12,70 (1/2)	12,70 (1/2)
Standard pipe length without refrigerant charge		m	5	5	7	7
Maximum pipe length		m	20	20	20	25
Maximum IU - OU elevation		m	10	10	15	15
Refrigerant charge in the factory		kg	0,51	0,51	0,78	0,90
Refrigerant charge in the factory		TCO2eq	0,34	0,34	0,53	0,61
Additional ref. charge over std length		g/m	20	20	20	20
INDOOR PRICE			£225	£250	£385	£470
OUTDOOR PRICE			£550	£565	£975	£1220
TOTAL SYSTEM PRICE			£775	£815	£1360	£1690

PEARL PREMIUM NEW A+++ / A++



INDOOR UNIT	MODEL		AS25PBPHRA-PRE	AS35PBPHRA-PRE	AS50DPHRA-PRE	AS71PEPHRA-PRE
OUTDOOR UNIT	MODEL		1U25YEPFRA-PRE	1U35MEPFRA-PRE	1U50KEPFRA-PRE	1U71WEPFRA-PRE
PERFORMANCE DATA						
Output power - COOLING	nom (min-max)	kW	2,7 (0,8-3,6)	3,6 (0,8-4,0)	5,3 (2,0-6,3)	7,1 (2,1-8,0)
Output power - HEATING	nom (min-max)	kW	3,1 (0,8-4,3)	3,9(0,8-4,5)	5,8 (1,35-6,8)	7,4 (1,5-8,5)
INSTALLATION DATA						
Refrigerant			R32	R32	R32	R32
Liquid pipe	Ø	mm (inch)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)
Gas pipe	Ø	mm (inch)	9,52 (3/8)	9,52 (3/8)	12,7 (1/2)	15,88 (5/8)
Standard pipe length without refrigerant charge		m	5	5	7	7
Maximum pipe length		m	20	20	25	25
Maximum IU - OU elevation		m	10	10	15	15
Refrigerant charge in the factory		kg	0,58	0,65	1,1	1,35
Refrigerant charge in the factory		TCO2eq	0,39	0,44	0,74	0,91
Additional ref. charge over std length		g/m	20	20	20	20
INDOOR PRICE			£295	£305	£415	£540
OUTDOOR PRICE			£720	£790	£1115	£1435
TOTAL SYSTEM PRICE			£1015	£1095	£1530	£1975

EXPERT NEW A+++ / A++



INDOOR UNIT WHITE	MODEL		AS25XCAHRA	AS35XCAHRA	AS50XCAHRA	AS71XCAHRA
INDOOR UNIT BLACK	MODEL		AS25XCAHRA-MB	AS35XCAHRA-MB	AS50XCAHRA-MB	AS71XCAHRA-MB
OUTDOOR UNIT	MODEL		1U25S2SM1FA-2	1U35S2SM1FA-2	1U50S2SJ2FA-2	1U71S2ST1FA
PERFORMANCE DATA						
Output power - COOLING	nom (min-max)	kW	2,80 (0,80-3,20)	3,50 (1,00-4,00)	5,00 (1,40-5,50)	6,20(2,20-7,00)
Output power - HEATING	nom (min-max)	kW	3,20 (0,80-4,20)	4,20 (1,00-5,20)	5,60 (1,70-6,20)	6,80(2,40-7,80)
INSTALLATION DATA						
Refrigerant			R32	R32	R32	R32
Liquid pipe	Ø	mm (inch)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	9,52 (3/8)
Gas pipe	Ø	mm (inch)	9,52 (3/8)	9,52 (3/8)	12,70 (1/2)	15,88(5/8)
Standard pipe length without refrigerant charge		m	7	7	7	7
Maximum pipe length		m	20	20	25	50
Maximum IU - OU elevation		m	10	10	15	30
Refrigerant charge in the factory		kg	0,63	0,78	1,10	1,23
Refrigerant charge in the factory		TCO2eq	0,43	0,53	0,74	0,83
Additional ref. charge over std length		g/m	20	20	20	20
INDOOR PRICE WHITE			£515	£550	£705	£775
INDOOR PRICE BLACK			£625	£670	£870	£960
OUTDOOR PRICE			£835	£915	£1260	£1390
TOTAL SYSTEM PRICE WHITE			£1350	£1465	£1965	£2165
TOTAL SYSTEM PRICE BLACK			£1460	£1585	£2130	£2350

FLAIR A++ / A+



INDOOR UNIT	MODEL		AS10S2SF2FA-2
OUTDOOR UNIT	MODEL		1U10S2SS2FA
PERFORMANCE DATA			
Output power - COOLING	nom (min-max)	kW	9,00 (2,50-10,00)
Output power - HEATING	nom (min-max)	kW	9,50 (3,00-10,50)
INSTALLATION DATA			
Refrigerant			R32
Liquid pipe	Ø	mm (inch)	9,52 (3/8)
Gas pipe	Ø	mm (inch)	15,88 (5/8)
Standard pipe length without refrigerant charge		m	7
Maximum pipe length		m	50
Maximum IU - OU elevation		m	30
Refrigerant charge in the factory		kg	1,70
Refrigerant charge in the factory		TCO2eq	1,15
Additional ref. charge over std length		g/m	45
INDOOR PRICE			£695
OUTDOOR PRICE			£2090
TOTAL SYSTEM PRICE			£2785

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TOWER

NEW

A++ / A+



Silence



3D



Sleep



Integrated Wi-Fi Control

INDOOR UNIT	MODEL	AP71DFMHRA
OUTDOOR UNIT	MODEL	1U71WEMFRA
PERFORMANCE DATA		
Output power - COOLING	nom (min-max)	kW
Output power - HEATING	nom (min-max)	kW
INSTALLATION DATA		
Refrigerant		R32
Liquid pipe	Ø	mm (inch)
Gas pipe	Ø	mm (inch)
Standard pipe length without refrigerant charge		m
Maximum pipe length		m
Maximum IU - OU elevation		m
Refrigerant charge in the factory		kg
Refrigerant charge in the factory		TCO2eq
Additional ref. charge over std length		g/m
INDOOR PRICE		£1220
OUTDOOR PRICE		£1580
TOTAL SYSTEM PRICE		£2800

CABINET

NEW

A+ / A



Silence



3D



Auto Mode



Auto Restart



UVC Sterilisation

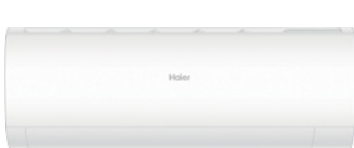


Integrated Wi-Fi Control

INDOOR UNIT	MODEL	AP105S2SK1FA(H)	AP140S2SK1FA(H)	AP160S2SK1FA(H)
OUTDOOR UNIT	MODEL	1U105S2SS2FA	1U140S2SN1FA	1U160S2SP1FB
PERFORMANCE DATA				
Output power - COOLING	nom (min-max)	kW	9,20 (2,50-10,00)	13,40 (3,50-14,00)
Output power - HEATING	nom (min-max)	kW	10,00 (3,00-10,50)	15,00 (4,00-15,50)
INSTALLATION DATA				
Refrigerant			R32	R32
Liquid pipe	Ø	mm (inch)	9,52 (3/8)	9,52 (3/8)
Gas pipe	Ø	mm (inch)	15,88 (5/8)	15,88 (5/8)
Standard pipe length without refrigerant charge		m	30	30
Maximum pipe length		m	50	70
Maximum IU - OU elevation		m	30	30
Refrigerant charge in the factory		kg	1,7	2,30
Refrigerant charge in the factory		TCO2eq	1,15	1,55
Additional ref. charge over std length		g/m	45	45
INDOOR PRICE			£1220	£1305
OUTDOOR PRICE			£2090	£2785
TOTAL SYSTEM PRICE			£3310	£4090

PEARL R290

A++ / A++



Coanda Plus



Self Clean



Integrated Wi-Fi Control



Easy Installation



On-Off Card



Silence



R290

INDOOR UNIT	MODEL	AS25PBBHRA	AS35PBBHRA
OUTDOOR UNIT	MODEL	1U25YEBGRA	1U35YEBGRA
Performance data			
Output power - COOLING	nom (min-max)	kW	2,60 (0,80-2,90)
Output power - HEATING	nom (min-max)	kW	3,50 (0,80-4,00)
INSTALLATION DATA			
Refrigerant			R290
Liquid pipe	Ø	mm (inch)	6,35 (1/4)
Gas pipe	Ø	mm (inch)	9,52 (3/8)
Standard pipe length without refrigerant charge		m	10
Maximum pipe length		m	10
Maximum IU - OU elevation		m	10
Refrigerant charge in the factory		kg	0,31
Refrigerant charge in the factory		TCO2eq	-0
Additional ref. charge over std length		g/m	no additional charge allowed
INDOOR PRICE			£390
OUTDOOR PRICE			£1045
TOTAL SYSTEM PRICE			£1435

CONSOLE NEW A++ / A+



Silence



Double Flow



Compact Design



Sleep



Integrated Wi-Fi Control



56°C Steri-Clean



R32 Detector



Heating Cable w/Nordic ver

INDOOR UNIT	MODEL	AF25S2SD1FA(D)	AF35S2SD1FA(D)	AF50S2SD1FA(D)
OUTDOOR UNIT STANDARD	MODEL	1U25S2SM1FA-2	1U35S2SM1FA-2	1U50S2SJ2FA-2
PERFORMANCE DATA				
Output power - COOLING	nom (min-max)	kW	2,50 (0,80-3,20)	3,40 (1,00-4,00)
Output power - HEATING	nom (min-max)	kW	3,00 (0,80-3,80)	3,50 (1,00-4,50)
INSTALLATION DATA				
Refrigerant		R32	R32	R32
Liquid pipe	Ø	mm (inch)	6,35 (1/4)	6,35 (1/4)
Gas pipe	Ø	mm (inch)	9,52 (3/8)	9,52 (3/8)
Standard pipe length without refrigerant charge		m	7	7
Maximum pipe length		m	20	25
Maximum IU - OU elevation		m	10	15
Refrigerant charge in the factory		kg	0,63	0,78
Refrigerant charge in the factory		TCO2eq	0,43	0,53
Additional ref. charge over std length		g/m	20	20
INDOOR PRICE		£785	£825	£915
OUTDOOR PRICE		£835	£915	£1260
TOTAL SYSTEM PRICE		£1620	£1740	£2175

1-WAY CASSETTE NEW A++ / A+



Compact Design



Integrated Wi-Fi Control



UVC Sterilisation



Fresh Air

INDOOR UNIT	MODEL		AB25S2SA1FA(H)	AB35S2SA1FA(H)	AB50S2SA1FA(H)	AB71S2SA1FA(H)
OUTDOOR UNIT	MODEL		1U25S2SM1FA-2	1U35S2SM1FA-2	1U50S2SJ2FA-2	1U71S2ST1FA
PANEL	MODEL		P1B-1028IB		P1B-1348IB	
PERFORMANCE DATA						
Output power - COOLING	nom (min-max)	kW	2,6 (0,7-4,3)	3,5 (1,0-4,3)	5,0 (1,8-5,8)	6,9 (2-7,3)
Output power - HEATING	nom (min-max)	kW	3,2 (0,9-4,6)	4,0 (1,0-5,3)	5,5 (2-6,5)	7,6 (2,5-8)
INSTALLATION DATA						
Refrigerant			R32	R32	R32	R32
Liquid pipe	Ø	mm (inch)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	9,52 (3/8)
Gas pipe	Ø	mm (inch)	9,52 (3/8)	9,52 (3/8)	12,70 (1/2)	15,88 (5/8)
Standard pipe length without refrigerant charge		m	7	7	7	10
Maximum pipe length		m	20	20	25	50
Maximum IU - OU elevation		m	10	10	15	30
Refrigerant charge in the factory		kg	0,63	0,78	1,1	1,23
Refrigerant charge in the factory		TCO2eq	1,1	0,53	0,74	0,83
Additional ref. charge over std length		g/m	20	20	20	45
INDOOR PRICE			£740	£785	£825	£870
PANEL PRICE			£160	£160	£235	£235
OUTDOOR PRICE			£835	£915	£1260	£1390
TOTAL SYSTEM PRICE			£1735	£1860	£2320	£2495

CASSETTE 620 A++ / A



Silence



4 Way Independent



Integrated Wi-Fi Control



UVC Sterilisation



Fresh Air



On-Off Card

INDOOR UNIT	MODEL		AB25S2SC2FA(H)	AB35S2SC2FA(H)	AB50S2SC2FA(H)
OUTDOOR UNIT	MODEL		1U25S2SM1FA-2	1U35S2SM1FA-2	1U50S2SJ2FA-2
PANEL	MODEL		PB-620KB(H)		
PERFORMANCE DATA					
Output power - COOLING	nom (min-max)	kW	2,5 (0,7-4,3)	3,50 (0,90-4,50)	5,00 (1,80-5,80)
Output power - HEATING	nom (min-max)	kW	3,23 (0,9-4,6)	4,00 (1,00-4,80)	5,50 (2,00-6,50)
INSTALLATION DATA					
Refrigerant			R32	R32	R32
Liquid pipe	Ø	mm (inch)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)
Gas pipe	Ø	mm (inch)	9,52 (3/8)	9,52 (3/8)	12,70 (1/2)
Standard pipe length without refrigerant charge		m	7	7	7
Maximum pipe length		m	20	20	25
Maximum IU - OU elevation		m	10	10	15
Refrigerant charge in the factory		kg	0,63	0,78	1,10
Refrigerant charge in the factory		TCO2eq	0,43	0,53	0,74
Additional ref. charge over std length		g/m	20	20	20
WHITE PANEL PRICE (Black panel on request)			£150	£150	£150
INDOOR PRICE			£625	£715	£765
OUTDOOR PRICE			£835	£915	£1260
TOTAL SYSTEM PRICE			£1610	£1780	£2175

NOT INCLUDING CONTROLLER (See controller page for more info)

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ROUND FLOW CASSETTE

A+ / A



Silence



8 Way Independent



Fresh Air



Integrated Wi-Fi Control



UVC Sterilisation

INDOOR UNIT	MODEL		AB71S2SG1FA(H)	ABH105H1ERG(H)	ABH125K1ERG(H)	ABH140K1ERG(H)	ABH140K1ERG(H)
OUTDOOR UNIT	MODEL		1U71S2ST1FA	1U105S2S2FA	1U125S2SN2FA	1U140S2SN1FA	1U140S2SP2FA
PANEL	MODEL				PB-950KB(H)		
PERFORMANCE DATA							
Output power - COOLING	nom (min-max)	kW	7,10 (2,00-7,30)	9,20 (2,50-10,00)	12,30 (3,00-13,00)	13,40 (3,50-14,00)	13,60 (4,00-15,00)
Output power - HEATING	nom (min-max)	kW	7,90 (2,50-8,00)	10,10 (3,00-10,50)	12,70 (3,50-13,50)	15,00 (4,00-15,50)	15,00 (4,50-16,00)
INSTALLATION DATA							
Refrigerant			R32	R32	R32	R32	R32
Liquid pipe	Ø	mm (inch)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)
Gas pipe	Ø	mm (inch)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)
Standard pipe length without refrigerant charge	m		10	30	30	30	30
Maximum pipe length	m		50	50	50	70	70
Maximum IU - OU elevation	m		30	30	30	30	30
Refrigerant charge in the factory	kg		1,23	1,70	2,30	2,30	2,90
Refrigerant charge in the factory	TCO2eq		0,83	1,15	1,55	1,55	1,96
Additional ref, charge over std length	g/m		45	45	45	45	45
WHITE PANEL PRICE (Black panel on request)			£260	£260	£260	£260	£260
INDOOR PRICE			£810	£825	£915	£960	£960
OUTDOOR PRICE			£1390	£2090	£2610	£2785	£3390
TOTAL SYSTEM PRICE			£2460	£3175	£3785	£4005	£4610

INDOOR UNIT	MODEL		ABH105H1ERG(H)	ABH125K1ERG(H)	ABH140K1ERG(H)	ABH140K1ERG(H)	ABH160K1ERG(H)
OUTDOOR UNIT	MODEL		1U105S2S1FB	1U125S2SN2FB	1U140S2SN1FB	1U140S2SP2FB	1U160S2SP1FB
PANEL	MODEL				PB-950KB(H)		
PERFORMANCE DATA							
Output power - COOLING	nom (min-max)	kW	9,20 (2,50-10,00)	12,40 (3,00-13,00)	13,40 (3,50-14,00)	13,60 (4,00-15,00)	15,00 (4,50-16,00)
Output power - HEATING	nom (min-max)	kW	10,50 (3,00-11,00)	12,80 (3,50-13,50)	15,00 (4,00-15,50)	15,00 (4,00-16,00)	16,00 (5,00-17,00)
INSTALLATION DATA							
Refrigerant			R32	R32	R32	R32	R32
Liquid pipe	Ø	mm (inch)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)
Gas pipe	Ø	mm (inch)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	19,05 (3/4)
Standard pipe length without refrigerant charge	m		30	30	30	30	30
Maximum pipe length	m		50	50	70	70	70
Maximum IU - OU elevation	m		30	30	30	30	30
Refrigerant charge in the factory	kg		1,70	2,30	2,30	3,50	3,50
Refrigerant charge in the factory	TCO2eq		1,15	1,55	1,55	2,36	2,36
Additional ref, charge over std length	g/m		45	45	45	45	60
WHITE PANEL PRICE (Black panel on request)			£260	£260	£260	£260	£260
INDOOR PRICE			£825	£915	£960	£960	£1000
OUTDOOR PRICE			£2090	£2610	£2785	£3390	£3480
TOTAL SYSTEM PRICE			£3175	£3785	£4005	£4610	£4740

NOT INCLUDING CONTROLLER (See controller page for more info)

SLIM DUCT LOW PRESSURE

NEW

A++ / A+



Silence



Compact Design



3D



Condensate Drain Pump



Flexible Installation



UVC Sterilisation



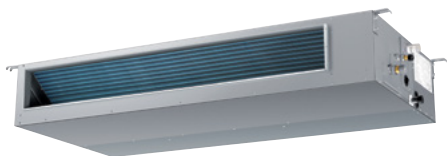
Integrated Wi-Fi Control

INDOOR UNIT	MODEL		AD25S2SS1FA(H)	AD35S2SS1FA(H)	AD50S2SS1FA(H)	AD71S2SS1FA(H)
OUTDOOR UNIT	MODEL		1U25S2SM1FA-2	1U35S2SM1FA-2	1U50S2SJ2FA-2	1U71S2ST1FA
PANEL	MODEL				P1B-1210IA/D	
PERFORMANCE DATA						
Output power - COOLING	nom (min-max)	kW	2,5 (0,7-4,3)	3,50 (0,90-4,50)	5,00 (1,80-6,00)	6,8 (2,00-7,30)
Output power - HEATING	nom (min-max)	kW	3,23 (0,9-4,6)	4,00 (1,00-4,80)	5,50 (2,00-6,20)	7,50 (2,50-8,00)
INSTALLATION DATA						
Refrigerant			R32	R32	R32	R32
Liquid pipe	Ø	mm (inch)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	9,52 (3/8)
Gas pipe	Ø	mm (inch)	9,52 (3/8)	9,52 (3/8)	12,70 (1/2)	15,88 (5/8)
Standard pipe length without refrigerant charge	m		7	7	7	10
Maximum pipe length	m		20	20	25	50
Maximum IU - OU elevation	m		10	10	15	30
Refrigerant charge in the factory	kg		0,63	0,78	1,10	1,23
Refrigerant charge in the factory	TCO2eq		0,43	0,53	0,74	0,83
Additional ref, charge over std length	g/m		20	20	20	45
PANEL			£185	£185	£185	£185
INDOOR PRICE			£695	£740	£825	£870
OUTDOOR PRICE			£835	£915	£1260	£1390
TOTAL SYSTEM PRICE			£1715	£1840	£2270	£2445

NOT INCLUDING CONTROLLER (See controller page for more info)

DUCTED MEDIUM PRESSURE

A++ / A



Silence

Compact
Design

3D

Condensate
Drain PumpFlexible
InstallationUVC
SterilisationIntegrated
Wi-Fi Control

INDOOR UNIT	MODEL		AD35S2SM3FA(H)	AD50S2SM3FA(H)	AD71S2SM3FA(H)
OUTDOOR UNIT	MODEL		1U35S2SM1FA-2	1U50S2SJ2FA-2	1U71S2ST1FA
PERFORMANCE DATA					
Output power - COOLING	nom (min-max)	kW	3,50 (0,90-4,50)	5,00 (1,80-6,00)	7,10 (2,00-7,30)
Output power - HEATING	nom (min-max)	kW	4,00 (1,00-4,80)	6,00 (2,00-6,20)	7,60 (2,50-8,00)
INSTALLATION DATA					
Refrigerant			R32	R32	R32
Liquid pipe	Ø	mm (inch)	6,35 (1/4)	6,35 (1/4)	9,52 (3/8)
Gas pipe	Ø	mm (inch)	9,52 (3/8)	12,70 (1/2)	15,88 (5/8)
Standard pipe length without refrigerant charge		m	7	7	10
Maximum pipe length		m	20	25	50
Maximum IU - OU elevation		m	10	15	30
Refrigerant charge in the factory		kg	0,78	1,10	1,23
Refrigerant charge in the factory		TCO2eq	0,53	0,74	0,88
Additional ref, charge over std length		g/m	20	20	45
INDOOR PRICE			£850	£950	£1000
OUTDOOR PRICE			£915	£1260	£1390
TOTAL SYSTEM PRICE			£1765	£2210	£2390

INDOOR UNIT	MODEL		AD105S2SM3FA(H)	AD125S2SM8FA(H)	AD140S2SM8FA(H)	AD140S2SM8FA(H)
OUTDOOR UNIT	MODEL		1U105S2SS2FA	1U125S2SN2FA	1U140S2SN1FA	1U140S2SP2FA
PERFORMANCE DATA						
Output power - COOLING	nom (min-max)	kW	9,50 (2,50-10,00)	12,30 (3,00-13,00)	13,40 (3,50-14,00)	13,40 (4,00-15,00)
Output power - HEATING	nom (min-max)	kW	10,20 (3,00-10,50)	12,70 (3,50-13,50)	15,00 (4,00-15,50)	15,00 (4,50-16,00)
INSTALLATION DATA						
Refrigerant			R32	R32	R32	R32
Liquid pipe	Ø	mm (inch)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)
Gas pipe	Ø	mm (inch)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)
Standard pipe length without refrigerant charge		m	30	30	30	30
Maximum pipe length		m	50	50	70	70
Maximum IU - OU elevation		m	30	30	30	30
Refrigerant charge in the factory		kg	1,70	2,30	2,30	2,90
Refrigerant charge in the factory		TCO2eq	1,15	1,55	1,55	1,96
Additional ref, charge over std length		g/m	45	45	45	45
INDOOR PRICE			£1260	£1350	£1480	£1480
OUTDOOR PRICE			£2090	£2610	£2785	£3390
TOTAL SYSTEM PRICE			£3350	£3960	£4265	£4870

INDOOR UNIT	MODEL		AD105S2SM3FA(H)	AD125S2SM8FA(H)	AD140S2SM8FA(H)	AD140S2SM8FA(H)	AD160S2SM3FA(H)
OUTDOOR UNIT	MODEL		1U105S2S51FB	1U125S2SN2FB	1U140S2SN1FB	1U140S2SP2FB	1U160S2SP1FB
PERFORMANCE DATA							
Output power - COOLING	nom (min-max)	kW	9,50 (2,50-10,00)	12,40 (3,00-13,00)	13,40 (3,50-14,00)	13,40 (4,00-15,00)	16,00 (4,50-16,50)
Output power - HEATING	nom (min-max)	kW	10,50 (3,00-11,00)	12,80 (3,50-13,50)	15,00 (4,00-15,50)	15,00 (4,50-16,00)	17,00 (5,00-18,00)
INSTALLATION DATA							
Refrigerant			R32	R32	R32	R32	R32
Liquid pipe	Ø	mm (inch)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)
Gas pipe	Ø	mm (inch)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	19,05 (3/4)
Standard pipe length without refrigerant charge		m	30	30	30	30	30
Maximum pipe length		m	50	50	70	70	70
Maximum IU - OU elevation		m	30	30	30	30	30
Refrigerant charge in the factory		kg	1,70	2,30	2,30	3,50	3,50
Refrigerant charge in the factory		TCO2eq	1,15	1,55	1,55	2,36	2,36
Additional ref, charge over std length		g/m	45	45	45	45	60
INDOOR PRICE			£1260	£1350	£1480	£1480	£1565
OUTDOOR PRICE			£2090	£2610	£2785	£3390	£3480
TOTAL SYSTEM PRICE			£3350	£3960	£4265	£4870	£5045

NOT INCLUDING CONTROLLER (See controller page for more info)

DUCTED HIGH PRESSURE A+ / A



Silence



Compact Design



Fresh Air



On-Off Card

INDOOR UNIT	MODEL		ADH125H1ERG	ADH140H1ERG	ADH140H1ERG
OUTDOOR UNIT	MODEL		1U125S2SN2FA	1U140S2SN1FA	1U140S2SP2FA
PERFORMANCE DATA					
Output power - COOLING	nom (min-max)	kW	12,30 (3,00-13,00)	13,40 (3,50-14,00)	13,60 (4,00-15,00)
Output power - HEATING	nom (min-max)	kW	12,70 (3,50-13,50)	15,00 (4,00-15,50)	15,00 (4,50-16,00)
INSTALLATION DATA					
Refrigerant			R32	R32	R32
Liquid pipe	Ø	mm (inch)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)
Gas pipe	Ø	mm (inch)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)
Standard pipe length without refrigerant charge		m	30	30	30
Maximum pipe length		m	50	70	70
Maximum IU - OU elevation		m	30	30	30
Refrigerant charge in the factory		kg	2,30	2,30	2,90
Refrigerant charge in the factory		TCO2eq	1,55	1,55	1,96
Additional ref. charge over std length		g/m	45	45	45
INDOOR PRICE			£2695	£2785	£2785
OUTDOOR PRICE			£2610	£2785	£3390
TOTAL SYSTEM PRICE			£5305	£5570	£6175

INDOOR UNIT	MODEL		ADH125H1ERG	ADH140H1ERG	ADH140H1ERG	ADH160H1ERG*
OUTDOOR UNIT	MODEL		1U125S2SN2FB	1U140S2SN1FB	1U140S2SP2FB	1U160S2SP1FB*
PERFORMANCE DATA						
Output power - COOLING	nom (min-max)	kW	12,40 (3,00-13,00)	13,40 (3,50-14,00)	13,60 (4,00-15,00)	15,0 (4,5-16,0)
Output power - HEATING	nom (min-max)	kW	12,80 (3,50-13,50)	15,00 (4,00-15,50)	15,00 (4,50-16,00)	16,0 (5,0-17,0)
INSTALLATION DATA						
Refrigerant			R32	R32	R32	R32
Liquid pipe	Ø	mm (inch)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)
Gas pipe	Ø	mm (inch)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	19,05 (3/4)
Standard pipe length without refrigerant charge		m	30	30	30	30
Maximum pipe length		m	50	70	70	70
Maximum IU - OU elevation		m	30	30	30	30
Refrigerant charge in the factory		kg	2,30	2,30	3,50	3,5
Refrigerant charge in the factory		TCO2eq	1,55	1,55	2,36	2,36
Additional ref. charge over std length		g/m	45	45	45	60
INDOOR PRICE			£2695	£2785	£2785	£2870
OUTDOOR PRICE			£2610	£2785	£3390	£3480
TOTAL SYSTEM PRICE			£5305	£5570	£6175	£6350

R410A version

INDOOR UNIT	MODEL		ADH200H1ERG	ADH250H1ERG
OUTDOOR UNIT	MODEL		1UH200W1ERK	1UH250W1ERK
PERFORMANCE DATA				
Output power - COOLING	nom (min-max)	kW	20,5 (6,2 - 23,5)	24,0 (7,2 - 26,5)
Output power - HEATING	nom (min-max)	kW	22,8 (7,2 - 24,8)	26,8 (8,2 - 28,8)
INSTALLATION DATA				
Refrigerant			R410A	R410A
Liquid pipe	Ø	mm (inch)	12,70 (1/2)	12,70 (1/2)
Gas pipe	Ø	mm (inch)	19,05 (3/4)	22,22 (7/8)*
Standard pipe length without refrigerant charge		m	30	30
Maximum pipe length		m	75	75
Maximum IU - OU elevation		m	30	30
Refrigerant charge in the factory		kg	6,10	6,10
Refrigerant charge in the factory		TCO2eq	13,25	13,25
Additional ref. charge over std length		g/m	80	80
INDOOR PRICE			£2350	£2435
OUTDOOR PRICE			£4610	£4785
TOTAL SYSTEM PRICE			£6960	£7220

NOT INCLUDING CONTROLLER (See controller page for more info)

CEILING FLOOR NEW A+++ / A+



INDOOR UNIT	MODEL		AC35S2SG1FA(H)	AC50S2SG1FA(H)	AC71S2SG1FA(H)
OUTDOOR UNIT	MODEL		1U35S2SM1FA-2	1U50S2SJ2FA-2	1U71S2ST1FA
PERFORMANCE DATA					
Output power - COOLING	nom (min-max)	kW	3,50 (1,00-4,30)	5,00 (1,40-5,70)	7,10 (2,00-7,30)
Output power - HEATING	nom (min-max)	kW	4,00 (1,00-5,30)	5,80 (1,40-6,00)	7,80 (2,50-8,50)
INSTALLATION DATA					
Refrigerant			R32	R32	R32
Liquid pipe	Ø	mm (inch)	6,35 (1/4)	6,35 (1/4)	9,52 (3/8)
Gas pipe	Ø	mm (inch)	9,52 (3/8)	12,70 (1/2)	15,88 (5/8)
Standard pipe length without refrigerant charge		m	7	7	10
Maximum pipe length		m	20	25	50
Maximum IU - OU elevation		m	10	15	30
Refrigerant charge in the factory		kg	0,78	1,10	1,23
Refrigerant charge in the factory		TCO2eq	0,53	0,74	0,83
Additional ref. charge over std length		g/m	20	20	45
INDOOR PRICE			£950	£1000	£1130
OUTDOOR PRICE			£915	£1260	£1390
TOTAL SYSTEM PRICE			£1865	£2260	£2520

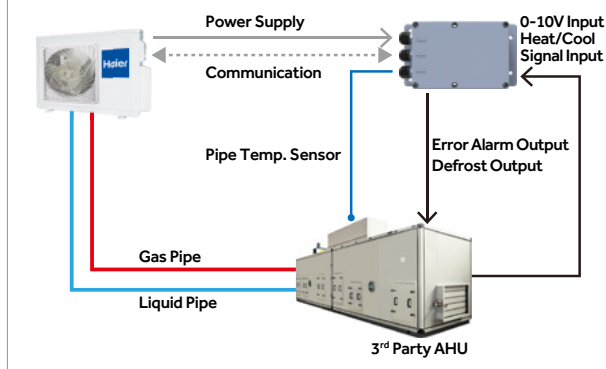
INDOOR UNIT	MODEL		AC105S2SH1FA(H)	AC125S2SK1FA(H)	AC140S2SK1FA(H)	AC140S2SK1FA(H)
OUTDOOR UNIT	MODEL		1U105S2SS2FA	1U125S2SN2FA	1U140S2SN1FA	1U140S2SP2FA
PERFORMANCE DATA						
Output power - COOLING	nom (min-max)	kW	9,50 (2,50-10,00)	12,30 (3,00-13,00)	13,4 (3,5 -14,0)	13,6 (4,0-15,0)
Output power - HEATING	nom (min-max)	kW	10,20 (3,00-10,50)	12,70 (3,50-13,50)	15,0 (4,0-15,5)	15,0 (4,5-16,0)
INSTALLATION DATA						
Refrigerant			R32	R32	R32	R32
Liquid pipe	Ø	mm (inch)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)
Gas pipe	Ø	mm (inch)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)
Standard pipe length without refrigerant charge		m	30	30	30	30
Maximum pipe length		m	50	50	70	70
Maximum IU - OU elevation		m	30	30	30	30
Refrigerant charge in the factory		kg	1,70	2,30	2,3	2,9
Refrigerant charge in the factory		TCO2eq	1,15	1,55	1,55	1,96
Additional ref. charge over std length		g/m	45	45	45	45
INDOOR PRICE			£1260	£1350	£1435	£1435
OUTDOOR PRICE			£2090	£2610	£2785	£3390
TOTAL SYSTEM PRICE			£3350	£3960	£4220	£4825

INDOOR UNIT	MODEL		AC105S2SH1FA(H)	AC125S2SK1FA(H)	AC140S2SK1FA(H)	AC140S2SK1FA(H)	AC160S2SK1FA(H)
OUTDOOR UNIT	MODEL		1U105S2S51FB	1U125S2SN2FB	1U140S2SN1FB	1U140S2SP2FB	1U160S2SP1FB
PERFORMANCE DATA							
Output power - COOLING	nom (min-max)	kW	9,50 (2,50-10,00)	12,40 (3,00-13,00)	13,4 (3,5-14,0)	13,6 (4,0-15,0)	16,0 (4,5-16,5)
Output power - HEATING	nom (min-max)	kW	10,50 (3,00-11,00)	12,80 (3,50-13,50)	15,0 (4,0-15,5)	15,0 (4,5-16,0)	17,0 (5,0-18,0)
INSTALLATION DATA							
Refrigerant			R32	R32	R32	R32	R32
Liquid pipe	Ø	mm (inch)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)
Gas pipe	Ø	mm (inch)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	19,05 (3/4)
Standard pipe length without refrigerant charge		m	30	30	30	30	30
Maximum pipe length		m	50	50	70	70	70
Maximum IU - OU elevation		m	30	30	30	30	30
Refrigerant charge in the factory		kg	1,70	2,30	2,3	3,5	3,5
Refrigerant charge in the factory		TCO2eq	1,15	1,55	1,55	2,36	2,36
Additional ref. charge over std length		g/m	45	45	45	45	60
INDOOR PRICE			£1260	£1350	£1435	£1435	£1525
OUTDOOR PRICE			£2090	£2610	£2785	£3390	£3480
TOTAL SYSTEM PRICE			£3350	£3960	£4220	£4825	£5005

NOT INCLUDING CONTROLLER (See controller page for more info)

AHU SOLUTION NEW

- Anti-cold air function when outdoor unit conducts defrost
- Error info. output
- IP 44 waterproof certification, which makes outdoor installation possible



The data in this catalogue is purely indicative as the data may vary. Please be advised to check the accuracy of the data with the supplier before purchasing products.

SPECIFICATION & COMPATIBILITY

MODEL	AH1-LCAC1
Power Supply(Ph/V/Hz)	1 Phase/220-240V/50/60Hz
Dimension (WxDxH)mm	206/52.5/110
Package Dimension (WxDxH)mm	240/80/120
Colour	Grey
Weight(KG)	0.4
Shipping Weight(KG)	0.6

MODEL	PRODUCTS	AH1-LCAC1
	1U25S2SM1FA-2	
	1U35S2SM1FA-2	
	1U42S2SM1FA	
	1U50S2SJ2FA-2	
	1U71S2ST1FA	
	1U105S2SS1FA	
	1U105S2SS2FA	
	1U105S2SS1FB	
	1U125S2SN2FA	
	1U125S2SN2FB	
	1U140S2SN1FA	
	1U140S2SN1FB	
	1U140S2SP2FA	
	1U140S2SP2FB	
	1U160S2SP1FB	
	PRICE	£390



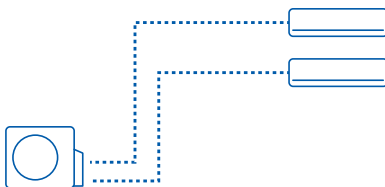
MULTISPLIT

OUTDOOR UNIT R32 MULTISPLIT		1:2		1:3		1:4		1:5			3S	
		2U50S2SM1FA	2U50S2SM1FA-3	3U55S2SR5FA	3U70S2SR5FA	4U75S2SR5FA	4U85S2SR5FA	5U90S2S5SFA	5U105S2S5SFA	5U125S2SN1FA	3U55S2WR1FA	4U70S2WR1FA
INDOOR UNIT R32	kW	4,0 kW	5,0 kW	5,5 kW	7,0 kW	7,5 kW	8,5 kW	9,0 kW	10,5 kW	12,5 kW	5,5 kW	7,0 kW
EXPERT	2,0	•	•	•	•	•	•	•	•	•	•	•
	2,5	•	•	•	•	•	•	•	•	•	•	•
	3,5	•	•	•	•	•	•	•	•	•	•	•
	5,0			•	•	•	•	•	•	•	•	•
	7,1			•	•	•	•	•	•	•	•	•
NEW PEARL PREMIUM	2,0	•	•	•	•	•	•	•	•	•	•	•
	2,5	•	•	•	•	•	•	•	•	•	•	•
	3,5	•	•	•	•	•	•	•	•	•	•	•
	5,0			•	•	•	•	•	•	•	•	•
	6,8			•	•	•	•	•	•	•	•	•
NEW REVIVE PLUS	2,5	•	•	•	•	•	•	•	•	•	•	•
	3,5	•	•	•	•	•	•	•	•	•	•	•
	5,0			•	•	•	•	•	•	•	•	•
	6,8			•	•	•	•	•	•	•	•	•
CONSOLE	2,5			•	•	•	•	•	•	•	•	•
	3,5			•	•	•	•	•	•	•	•	•
	4,2			•	•	•	•	•	•	•	•	•
	5,0			•	•	•	•	•	•	•	•	•
NEW 1 WAY CASSETTE	2,5			•	•	•	•	•	•	•	•	•
	3,5			•	•	•	•	•	•	•	•	•
	5,0			•	•	•	•	•	•	•	•	•
	7,1			•	•	•	•	•	•	•	•	•
CASSETTE 620	2,5			•	•	•	•	•	•	•	•	•
	3,5			•	•	•	•	•	•	•	•	•
	5,0			•	•	•	•	•	•	•	•	•
CASSETTE ROUND FLOW	7,1				•	•	•	•	•	•		•
CEILING FLOOR	2,5			•	•	•	•	•	•	•	•	•
	3,5			•	•	•	•	•	•	•	•	•
	5,0			•	•	•	•	•	•	•	•	•
	7,1			•	•	•	•	•	•	•	•	•
SLIM DUCT LOW PRESSURE	2,5			•	•	•	•	•	•	•	•	•
	3,5			•	•	•	•	•	•	•	•	•
	5,0			•	•	•	•	•	•	•	•	•
	7,1			•	•	•	•	•	•	•	•	•
DUCTED MEDIUM PRESSURE	3,5			•	•	•	•	•	•	•	•	•
	5,0			•	•	•	•	•	•	•	•	•
	7,1			•	•	•	•	•	•	•	•	•

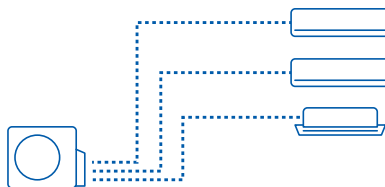
COMPATIBLE UNITS 1:2

COMPATIBLE UNITS 1:3

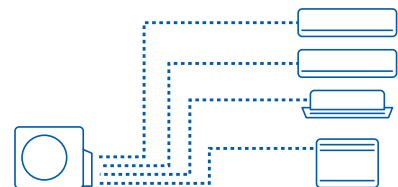
COMPATIBLE UNITS 1:4



Wall = Wall Only



Wall - Cassettes - Floor Ceiling - Console - Ducted



Wall - Cassettes - Floor Ceiling - Console - Ducted

MULTISPLIT INVERTER



1:2 2U40S2SM1FA
2U50S2SM1FA-3



1:3 3U55S2SR5FA
3U70S2SR5FA



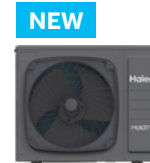
1:4 4U75S2SR5FA
4U85S2SR5FA



1:5 5U90S2SS5FA
5U105S2SS5FA
5U125S2SN1FA



NEW
1:3 3S
3U55S2WR1FA



NEW
1:4 3S
4U70S2WR1FA

OUTDOOR UNIT	MODEL		2U40S2SM1FA	2U50S2M1FA-3	3U55S2SR5FA	3U70S2SR5FA	4U75S2SR5FA	4U85S2SR5FA
PERFORMANCE DATA								
Output power - COOLING	nom (min-max)	kW	4,00 (1,10-4,50)	4,60 (1,30-6,00)	5,50 (2,10-7,00)	7,00 (2,40-7,60)	7,50 (2,40-8,70)	8,50 (3,20-9,50)
Output power - HEATING	nom (min-max)	kW	4,40 (1,50-4,80)	5,20 (1,60-6,50)	6,80 (1,70-7,60)	7,60 (2,90-8,50)	8,60 (3,10-10,00)	9,60 (4,40-10,50)
INSTALLATION DATA								
Refrigerant			R32	R32	R32	R32	R32	R32
Liquid pipe	Ø	mm (inch)	2×6,35 (3x1/4)	2×6,35 (3x1/4)	3×6,35 (3x1/4)	3×6,35 (3x1/4)	4×6,35 (4x1/4)	4×6,35 (4x1/4)
Gas pipe	Ø	mm (inch)	2×9,52 (3x3/8)	2×9,52 (3x3/8)	3×9,52 (3x3/8)	3×9,52 (3x3/8)	3×9,52+1×12,70 (3x3/8+1x1/2)	4×6,35 (4x1/4)
Standard pipe length without refrigerant charge	m		5	5	30	30	40	40
Maximum pipe length	m		20 (single) 30 (double)	20 (single) 30 (double)	50	60	70	70
Maximum IU - OU elevation	m		15	15	15	15	15	15
Maximum IU - IU elevation	m		7,5	7,5	7,5	7,5	7,5	7,5
Refrigerant charge in the factory	kg		1,00	1,10	1,40	1,60	1,60	2,20
Refrigerant charge in the factory	TCO2eq		0,68	0,74	0,95	1,08	1,08	1,49
Additional ref, charge over std length	g/m		20	20	20	20	20	20
PRICE			£1220	£1350	£1990	£2260	£2850	£3020

OUTDOOR UNIT	MODEL		5U90S2SS5FA	5U105S2SS5FA	5U125S2SN1FA	3U55S2WR1FA	4U70S2WR1FA
PERFORMANCE DATA							
Output power - COOLING	nom (min-max)	kW	9,00 (3,20-11,00)	10,00 (3,20-11,00)	12,50 (3,20-13,80)	5,40	7,00
Output power - HEATING	nom (min-max)	kW	10,40 (4,40-11,50)	10,50 (4,40-11,50)	12,70 (4,40-14,30)	5,00	6,00
INSTALLATION DATA							
Refrigerant			R32	R32	R32	R32	R32
Liquid pipe	Ø	mm (inch)	5×6,35 (5x1/4)	5×6,35 (5x1/4)	5×6,35 (5x1/4)	3*Ø6,35 (3x1/4)	4*Ø6,35 (4x1/4)
Gas pipe	Ø	mm (inch)	3×9,52+2×12,70 (3x3/8+2x1/2)				3*Ø9,52 (3x3/8)
Standard pipe length without refrigerant charge	m		40	40	50	30	30
Maximum pipe length	m		80	80	100	50	50
Maximum IU - OU elevation	m		15	15	15	15	15
Maximum IU - IU elevation	m		7,5	7,5	7,5	7,5	7,5
Refrigerant charge in the factory	kg		2,40	2,40	2,50	1,8	1,9
Refrigerant charge in the factory	TCO2eq		1,62	1,62	1,69	1,22	1,28
Additional ref, charge over std length	g/m		20	20	20	20	20
PRICE			£3175	£3260	£3825	£2255	£3130

3S TANK



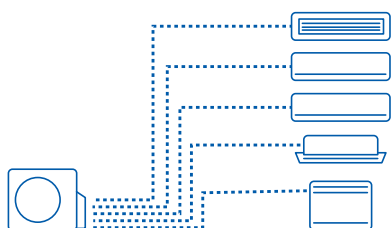
200L



100L

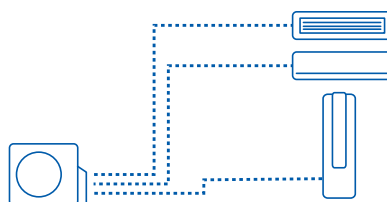
INDOOR UNIT	MODEL		AN100S2ST1FA	AN200S2ST1FA
PERFORMANCE DATA				
Volume		L	94	190
INSTALLATION DATA				
Liquid pipe	Ø	mm	6,35 (1/4)	6,35 (1/4)
Gas pipe	Ø	mm	9,52 (3/8)	9,52 (3/8)
CONTROL				
Standard			Integrated	
PRICE			£1950	£2150

COMPATIBLE UNITS 1:5



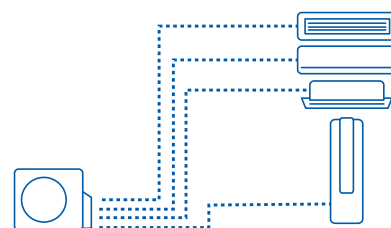
Wall - Cassettes - Floor Ceiling - Console - Ducted

3S COMPATIBLE UNITS 1:3



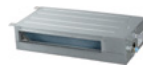
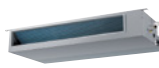
Wall - Cassettes - Floor Ceiling - Console - Ducted - Tanks

3S COMPATIBLE UNITS 1:4



Wall - Cassettes - Floor Ceiling - Console - Ducted - Tanks

INDOOR UNITS			CASSETTES			CEILING FLOOR		
								
OUTDOOR UNITS			1:2	1:3	1:4	1:2	1:3	1:4
10,5 kW			AB50S2SC2FA(H) AB50S2SC2FA(H)	AB35S2SC2FA(H) AB35S2SC2FA(H) AB35S2SC2FA(H)	N/A	AC50S2SG1FA(H) AC50S2SG1FA(H)	AC35S2SG1FA(H) AC35S2SG1FA(H) AC35S2SG1FA(H)	N/A
SINGLE-PHASE	1U105S2SS2FA		JOINT KIT FQG-2Y100A	JOINT KIT FQG-3Y200A + ADAPTER	N/A	JOINT KIT FQG-2Y100A	JOINT KIT FQG-3Y200A + ADAPTER	N/A
PRICE			£4130	£4945		£4300	£5200	
12,5 kW			AB71S2SG1FA(H) AB71S2SG1FA(H)	AB50S2SC2FA(H) AB50S2SC2FA(H) AB50S2SC2FA(H)	AB35S2SC2FA(H) AB35S2SC2FA(H) AB35S2SC2FA(H) AB35S2SC2FA(H)	AC71S2SG1FA(H) AC71S2SG1FA(H)	AC50S2SG1FA(H) AC50S2SG1FA(H) AC50S2SG1FA(H)	AC35S2SG1FA(H) AC35S2SG1FA(H) AC35S2SG1FA(H) AC35S2SG1FA(H)
SINGLE-PHASE	1U125S2SN2FA		JOINT KIT FQG-2Y200A + ADAPTER	JOINT KIT FQG-3Y200A + ADAPTER	JOINT KIT FQG-4Y200A + ADAPTER	JOINT KIT FQG-2Y200A + ADAPTER	JOINT KIT FQG-3Y200A + ADAPTER	JOINT KIT FQG-4Y200A + ADAPTER
THREE-PHASE	1U125S2SN2FB							
PRICE			£4975	£5615	£6310	£5095	£5870	£6690
14,0 kW			AB71S2SG1FA(H) AB71S2SG1FA(H)	AB50S2SC2FA(H) AB50S2SC2FA(H) AB50S2SC2FA(H)	AB35S2SC2FA(H) AB35S2SC2FA(H) AB35S2SC2FA(H) AB35S2SC2FA(H)	AC71S2SG1FA(H) AC71S2SG1FA(H)	AC50S2SG1FA(H) AC50S2SG1FA(H) AC50S2SG1FA(H)	AC35S2SG1FA(H) AC35S2SG1FA(H) AC35S2SG1FA(H) AC35S2SG1FA(H)
SINGLE-PHASE	1U140S2SN1FA	1U140S2SP2FA	JOINT KIT FQG-2Y200A + ADAPTER	JOINT KIT FQG-3Y200A + ADAPTER	JOINT KIT FQG-4Y200A + ADAPTER	JOINT KIT FQG-2Y200A + ADAPTER	JOINT KIT FQG-3Y200A + ADAPTER	JOINT KIT FQG-4Y200A + ADAPTER
THREE-PHASE	1U140S2SN1FB	1U140S2SP2FB						
PRICE	Single Fan / Double Fan		£5150 / £5755	£5790 / £6395	£6525 / £7130	£5270 / £5875	£6045 / £6650	£6865 / £7470
16,0 kW			AB71S2SG1FA(H) AB71S2SG1FA(H)	AB50S2SC2FA(H) AB50S2SC2FA(H) AB50S2SC2FA(H)	AB35S2SC2FA(H) AB35S2SC2FA(H) AB35S2SC2FA(H) AB35S2SC2FA(H)	AC71S2SG1FA(H) AC71S2SG1FA(H)	AC50S2SG1FA(H) AC50S2SG1FA(H) AC50S2SG1FA(H)	AC35S2SG1FA(H) AC35S2SG1FA(H) AC35S2SG1FA(H) AC35S2SG1FA(H)
THREE-PHASE	1U160S2SP1FB		JOINT KIT FQG-2Y200A + ADAPTER	JOINT KIT FQG-3Y200A + ADAPTER	JOINT KIT FQG-4Y200A + ADAPTER	JOINT KIT FQG-2Y200A + ADAPTER	JOINT KIT FQG-3Y200A + ADAPTER	JOINT KIT FQG-4Y200A + ADAPTER
PRICE			£5845	£6485	£7220	£5965	£6740	£7560

INDOOR UNITS			SLIM DUCT LOW PRESSURE			DUCTED MEDIUM PRESSURE		
								
OUTDOOR UNITS			1:2	1:3	1:4	1:2	1:3	1:4
10,5 kW			AD35S2SS1FA(H) AD35S2SS1FA(H)	AD35S2SS1FA(H) AD35S2SS1FA(H) AD35S2SM3FA(H)	N/A	AD50S2SM3FA(H) AD50S2SM3FA(H)	AD35S2SM3FA(H) AD35S2SM3FA(H) AD35S2SM3FA(H)	N/A
SINGLE-PHASE	1U105S2SS2FA		JOINT KIT FQG-2Y100A	JOINT KIT FQG-3Y200A + ADAPTER	N/A	JOINT KIT FQG-2Y100A	JOINT KIT FQG-3Y200A + ADAPTER	N/A
PRICE			£3780	£4570		£4200	£4900	
12,5 kW			AD71S2SS1FA(H) AD71S2SS1FA(H)	AD50S2SS1FA(H) AD50S2SS1FA(H) AD50S2SS1FA(H)	AD35S2SS1FA(H) AD35S2SS1FA(H) AD35S2SS1FA(H) AD35S2SS1FA(H)	AD71S2SM3FA(H) AD71S2SM3FA(H)	AD50S2SM3FA(H) AD50S2SM3FA(H) AD50S2SM3FA(H)	AD35S2SM3FA(H) AD35S2SM3FA(H) AD35S2SM3FA(H) AD35S2SM3FA(H)
SINGLE-PHASE	1U125S2SN2FA		JOINT KIT FQG-2Y200A + ADAPTER	JOINT KIT FQG-3Y200A + ADAPTER	JOINT KIT FQG-4Y200A + ADAPTER	JOINT KIT FQG-2Y200A + ADAPTER	JOINT KIT FQG-3Y200A + ADAPTER	JOINT KIT FQG-4Y200A + ADAPTER
THREE-PHASE	1U125S2SN2FB							
PRICE			£4575	£5345	£5850	£4835	£5720	£6390
14,0 kW			AD71S2SS1FA(H) AD71S2SS1FA(H)	AD50S2SS1FA(H) AD50S2SS1FA(H) AD50S2SS1FA(H)	AD35S2SS1FA(H) AD35S2SS1FA(H) AD35S2SS1FA(H) AD35S2SS1FA(H)	AD71S2SM3FA(H) AD71S2SM3FA(H)	AD50S2SM3FA(H) AD50S2SM3FA(H) AD50S2SM3FA(H)	AD35S2SM3FA(H) AD35S2SM3FA(H) AD35S2SM3FA(H) AD35S2SM3FA(H)
SINGLE-PHASE	1U140S2SN1FA	1U140S2SP2FA	JOINT KIT FQG-2Y200A + ADAPTER	JOINT KIT FQG-3Y200A + ADAPTER	JOINT KIT FQG-4Y200A + ADAPTER	JOINT KIT FQG-2Y200A + ADAPTER	JOINT KIT FQG-3Y200A + ADAPTER	JOINT KIT FQG-4Y200A + ADAPTER
THREE-PHASE	1U140S2SN1FB	1U140S2SP2FB						
PRICE	Single Fan / Double Fan		£4750 / £5355	£5520 / £6125	£6025 / £6630	£5045 / £5650	£5895 / £6500	£6465 / 7070
16,0 kW			AD71S2SS1FA(H) AD71S2SS1FA(H)	AD50S2SS1FA(H) AD50S2SS1FA(H) AD50S2SS1FA(H)	AD35S2SS1FA(H) AD35S2SS1FA(H) AD35S2SS1FA(H) AD35S2SS1FA(H)	AD71S2SM3FA(H) AD71S2SM3FA(H)	AD50S2SM3FA(H) AD50S2SM3FA(H) AD50S2SM3FA(H)	AD35S2SM3FA(H) AD35S2SM3FA(H) AD35S2SM3FA(H) AD35S2SM3FA(H)
THREE-PHASE	1U160S2SP1FB		JOINT KIT FQG-2Y200A + ADAPTER	JOINT KIT FQG-3Y200A + ADAPTER	JOINT KIT FQG-4Y200A + ADAPTER	JOINT KIT FQG-2Y200A + ADAPTER	JOINT KIT FQG-3Y200A + ADAPTER	JOINT KIT FQG-4Y200A + ADAPTER
PRICE			£5445	£6215	£6270	£5705	£6590	£7160

NOT INCLUDING CONTROLLER (See controller page for more info)

The data in this catalogue is purely indicative as the data may vary. Please be advised to check the accuracy of the data with the supplier before purchasing products.



MRV

MRV S II Outdoor Units with Frontal Discharge



3-4-5 HP
AU042FNERA
AU052FNERA



4-6HP
AU042FPERA
AU052FPERA
AU062FPERA
AU041FPERA
AU051FPERA
AU061FPERA

8-12HP
AU08NFKERA
AU10NFKERA
AU12NFKERA

MODEL		AU042FNERA		AU052FNERA	
CAPACITY					
Power Class	HP	4		5	
Cooling	kW	12,10		14,00	
Heating	kW	12,10		14,00	
INSTALLATION					
Refrigerant type	/	R410A		R410A	
Pre-charged refrigerant qty.	kg	3,30		3,30	
Ø Liquid side refrigerant pipe	mm (inch)	9,52 (3/8)		9,52 (3/8)	
Ø Gas side refrigerant pipe	mm (inch)	15,88 (5/8)		15,88 (5/8)	
Maximum piping length	m	120		120	
Max linear piping length (Equivalent/Real)	m	70/60		70/60	
Std. drop between IU and OU	m	30/20		30/20	
Max. drop between IU *3	m	10		10	
PRICE		£3565		£3915	

MODEL		AU042FPERA	AU052FPERA	AU062FPERA	AU041FPERA	AU051FPERA	AU061FPERA	AU08NFKERA	AU10NFKERA	AU12NFKERA
CAPACITY										
Power Class	HP	4	5	6	4	5	6	8	10	12
Cooling	kW	12,10	14,00	15,50	12,10	14,00	15,50	22,60	28,00	31,50
Heating	kW	12,10	14,00	15,50	12,10	14,00	15,50	22,60	30,50	31,50
INSTALLATION										
Refrigerant type	/	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Pre-charged refrigerant qty.	kg	4,00	4,00	4,00	4,00	4,00	4,00	5,10	5,10	5,10
Ø Liquid side refrigerant pipe	mm (inch)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)
Ø Gas side refrigerant pipe	mm (inch)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	19,05 (3/4)	22,22 (7/8)	25,40 (1)
Maximum piping length	m	300	300	300	300	300	300	300	300	300
Max linear piping length (Equivalent/Real)	m	175/150	175/150	175/150	175/150	175/150	175/150	175/150	175/150	175/150
Std. drop between IU and OU	m	50	50	50	50	50	50	50	50	50
Max. drop between IU *3	m	15	15	15	15	15	15	15	15	15
PRICE		£4090	£4435	£4870	£4090	£4435	£4870	£6825	£7220	£7695

(*) The specifications indicated are obtained with the following test conditions: in Cooling mode, Indoor temperature of 27°C WB / 19°C DB and Outdoor temperature of 35°C WB / 24°C DB. In Heating mode, Indoor temperature of 20°C WB and Outdoor temperature of 7°C WB / 6°C DB.

(a) With solder reduced from 22,22 to 19,05 for connecting the pipe to the unit valve accessory accompanying the product.

(b) The unit also works regularly with 9,52 diameter pipe. Requires 9,52>12,7 adapter to connect to the machine (not provided by Haier).

MRV5-H DC INVERTER



8-16HP

AV08NMVETA
AV10NMVETA
AV12NMVETA
AV14NMVETA
AV16NMVETA



18-26HP

AV18NMVETA
AV20NMVETA
AV22NMVETA
AV24NMVETA
AV26NMVETA

MODEL		AV08NMVETA	AV10NMVETA	AV12NMVETA	AV14NMVETA	AV16NMVETA
CAPACITY						
Power Class	HP	8	10	12	14	16
Cooling	kW	25,20	28,00	33,50	40,00	45,00
Heating	kW	25,20	28,00	33,50	40,00	45,00
INSTALLATION						
Refrigerant type		R410A	R410A	R410A	R410A	R410A
Pre-charged refrigerant qty.	Kg	10	10	10	10	10
Ø Liquid side refrigerant pipe	mm (inch)	9,52 (3/8)	9,52 (3/8)	12,70 (1/2)	12,70 (1/2)	12,70 (1/2)
Ø Gas side refrigerant pipe	mm (inch)	19,05 (3/4)	22,22 (7/8)	25,40 (1)	25,40 (1)	28,58 (1-1/8)
Maximum piping length	m	1000	1000	1000	1000	1000
Max linear piping length (Equivalent/Real)	m	260/220	260/220	260/220	260/220	260/220
Max. drop between IU and OU (O.U. down/up)*1	m	110/90	110/90	110/90	110/90	110/90
Max. drop between IU and OU (O.U. down/up)*2	m	50/40	50/40	50/40	50/40	50/40
Max. drop between IU *3	m	30	30	30	30	30
Std. drop between IU *4	m	18	18	18	18	18
Static Pressure Fans	Pa	110	110	110	110	110
PRICE		£10175	£10695	£11220	£12090	£13045

MODEL		AV18NMVETA	AV20NMVETA	AV22NMVETA	AV24NMVETA	AV26NMVETA
CAPACITY						
Power Class	HP	18	20	22	24	26
Cooling	kW	50,40	56,00	61,50	68,00	73,50
Heating	kW	50,40	56,00	61,50	68,00	73,50
INSTALLATION						
Refrigerant type		R410A	R410A	R410A	R410A	R410A
Pre-charged refrigerant qty.	Kg	10	10	10	10	10
Ø Liquid side refrigerant pipe	mm (inch)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)
Ø Gas side refrigerant pipe	mm (inch)	28,58 (1-1/8)	28,58 (1-1/8)	28,58 (1-1/8)	28,58 (1-1/8)	28,58 (1-1/8)
Maximum piping length	m	1000	1000	1000	1000	1000
Max linear piping length (Equivalent/Real)	m	260/220	260/220	260/220	260/220	260/220
Max. drop between IU and OU (O.U. down/up)*1	m	110/90	110/90	110/90	110/90	110/90
Max. drop between IU and OU (O.U. down/up)*2	m	50/40	50/40	50/40	50/40	50/40
Max. drop between IU *3	m	30	30	30	30	30
Std. drop between IU *4	m	18	18	18	18	18
Static Pressure Fans	Pa	110	110	110	110	110
PRICE		£13915	£14870	£15740	£16610	£17480

MRV-W OUTDOOR UNITS



8-12HP

AV08IMWEWA
AV10IMWEWA
AV12IMWEWA



16-24HP

AV08IMWEWA
AV10IMWEWA
AV12IMWEWA

MODEL		AV08IMWEWA	AV10IMWEWA	AV12IMWEWA
CAPACITY				
Power Class	HP	8	10	12
Cooling	kW	22,40	28,00	33,50
Heating	kW	25,00	31,50	37,50
INSTALLATION				
Refrigerant type		R410A	R410A	R410A
Pre-charged refrigerant qty.	Kg	2	2	2
Ø Liquid side refrigerant pipe	mm (inch)	9,52 (3/8)	9,52 (3/8)	12,7 (1/2)
Ø Gas side refrigerant pipe	mm (inch)	19,05 (3/4)	22,22 (7/8)	25,40 (1)
Ø OU Oil Equalisation Pipe	mm (inch)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)
Maximum piping length	m	300	300	300
Max linear piping length (Equivalent/Real)	m	150/120	150/120	150/120
Max height difference between IU and OU (*)	m	50/40	50/40	50/40
WATER/GAS EXCHANGER				
Type		Double - tube in tube	Double - tube in tube	Double - tube in tube
Material		Copper/steel	Copper/steel	Copper/steel
Water input connection		DN32	DN32	DN32
Water output connection		DN32	DN32	DN32
Exchanger pressure drop	Kpa	35	50	70
Connection type		Internal thread	Internal thread	Internal thread
Max water input pressure	Mpa	1.6	1.6	1.6
Water input temperature range (Cooling/Heating)	°C	7-45	7-45	7-45
PRICE		£9480	£10350	£11220

(*1) 50 m when the outdoor unit is above the indoor unit / 40 m when it is below. The specifications indicated are obtained with the following test conditions: in Cooling mode, Indoor temperature of 27°C WB / 19°C DB and Outdoor temperature of 35°C WB / 24°C DB. In Heating mode, Indoor temperature of 20°C WB and Outdoor temperature of 7°C WB / 6°C DB

MRV5-RC^{DC} INVERTER



8-14HP

AV08IMVURA
AV10IMVURA
AV12IMVURA
AV14IMVURA



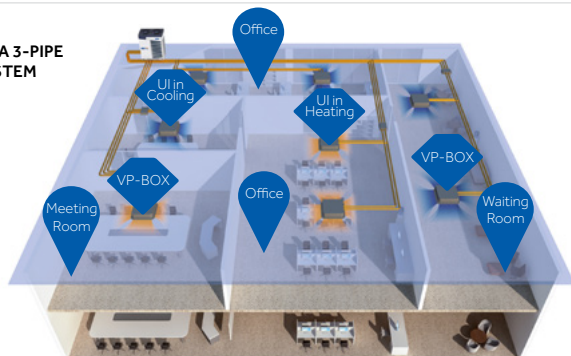
16-22HP

AV16IMVURA
AV18IMVURA
AV20IMVURA
AV22IMVURA

MODEL		AV08IMVURA	AV10IMVURA	AV12IMVURA	AV14IMVURA	AV16IMVURA	AV18IMVURA	AV20IMVURA	AV22IMVURA
CAPACITY									
Power Class	HP	8	10	12	14	16	18	20	22
Cooling	kW	22,40	28,00	33,50	40,00	45,00	50,00	56,00	60,00
Heating	kW	22,40	28,00	33,50	40,00	45,00	50,00	56,00	60,00
VENTILATION									
Air flow (High)	m³/h	12000	12000	13500	13500	17000	17000	19000	19000
Sound pressure level (High)	dB(A)	57	58	60	61	62	63	63	64
Sound power level (High)	dB(A)	78	82	88	88	88	88	88	88
INSTALLATION									
Refrigerant type		R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Pre-charged refrigerant qty.	Kg	10	10	10	10	10	10	10	10
Ø Liquid side refrigerant pipe	mm (inch)	9,52 (3/8)	9,52 (3/8)	12,70 (1/2)	12,70 (1/2)	12,70 (1/2)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)
Ø Gas recovery side refrigerant pipe	mm (inch)	19,05 (3/4)	22,22 (7/8)	25,40 (1)	25,40 (1)	28,58 (1-1/8)	28,58 (1-1/8)	28,58 (1-1/8)	28,58 (1-1/8)
Ø High-pressure refrigerant gas pipe	mm (inch)	19,05 (3/4)	19,05 (3/4)	22,22 (7/8)	22,22 (7/8)	25,40 (1)	25,40 (1)	25,40 (1)	25,40 (1)
Maximum piping length	m	1000	1000	1000	1000	1000	1000	1000	1000
Max linear piping length (Equivalent/Real)	m	260/220	260/220	260/220	260/220	260/220	260/220	260/220	260/220
Max. drop between IU and OU (O.U. down/up)*1	m	110/90	110/90	110/90	110/90	110/90	110/90	110/90	110/90
Std. drop between IU and OU (O.U. up/down)*2	m	50/40	50/40	50/40	50/40	50/40	50/40	50/40	50/40
Max. drop between IU *3	m	30	30	30	30	30	30	30	30
Std. drop between IU *4	m	18	18	18	18	18	18	18	18
Static Pressure Fans	Pa	110	110	110	110	110	110	110	110
PRICE		£10350	£10785	£12000	£12870	£13825	£15480	£16435	£17305

The specifications indicated are obtained with the following test conditions: in Cooling mode, Indoor temperature of 27°C WB / 19°C DB and Outdoor temperature of 35°C WB / 24°C DB. In Heating mode, Indoor temperature of 20°C WB and Outdoor temperature of 7°C WB / 6°C DB

EXAMPLE OF A 3-PIPE MRV5-RC SYSTEM



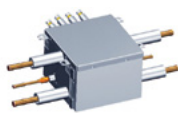
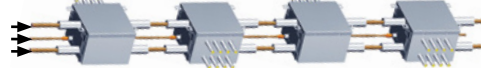
The 4-way box has standard closed output connections. To be opened in case of multiple installations, so that the output of the box becomes the input of the next box. You can connect multiple 4-way boxes in sequence. The input power limit of a series is a maximum of 71 kW.

Max 71kW



FLEXIBLE INSTALLATION - ability to reverse the orientation of the series in order to have the connections of the indoor units on the right or left or alternating with respect to the main line.

Max 71kW



NEW SELECTION VALVES

- Specially designed for MRV 5-RC, volume is small to 0,02m³ (for VP1 box), 0,05m³ (for VP4 box).
- Extensively reduces installation space.
- Individual Valve and Pipe Box for Heat Recovery.
- The valve box can be connected in a series which reduces the use of diverging pipes and reduces the installation cost.
- Electronic valves for each flow line.

MODEL*	PRICE	Maximum connectable capacity (kW)	Power supply	Maximum number of connectable indoor units, same mode of operation	Dimensions (mm)
VP1-112C	£785	x ≤ 11,2	220-240V single-phase - 50/60Hz	5	388x200x277
VP1-180C	£825	11,2 < x ≤ 18,0	220-240V single-phase - 50/60Hz	8	388x200x277
VP1-280C	£870	18,0 < x ≤ 28,0	220-240V single-phase - 50/60Hz	8	388x200x277
VP4-450C	£2700	4 ways - max 11,2kW for single output.	220-240V single-phase - 50/60Hz	20	405x300x421

* (limit determined by the diameters of the input pipes of the valve boxes)

MRV HYDROBOX^{MRV} INDOOR UNIT



(1) Tamb 35°C - LWE 18°C (DT=5°C)
(2) DB/WB 7°C/6°C - LWC 35°C (DT=5°C)

MODEL			HU092WVLNA	HU162WVLNA	HU312WVLNA
Nominal capacity	Cooling (1)	kW	7	14	28
	Heating (2)	kW	9	16	31
Water circuit Piping diameter	Inlet	inch	1	1	1-1/4
	Outlet	inch	1	1	1-1/4
Refrigerant Type			R410A	R410A	R410A
Gas side - connection type		mm	15,88 (5/8)	15,88 (5/8)	19,05 (3/4)
Liquid side - connection type		mm	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)
ODU compatibility			MRV 5, MRV 5-RC, MRV 5-H, MRV S 8-10-12HP		
TOTAL SYSTEM PRICE			£4435	£4520	£4090

The data in this catalogue is purely indicative as the data may vary. Please be advised to check the accuracy of the data with the supplier before purchasing products.

1-WAY CASSETTE MRV INDOOR UNIT



MODEL		AB052MAERA	AB072MAERA	AB092MAERA	AB122MAERA
PANEL		P1B-1028IB			
CAPACITY					
Cooling	kW	1.50	2.20	2.80	3.60
Heating	kW	1.70	2.50	3.20	4.00
VENTILATION					
Air flow (High)	m ³ /h	530/490/450	530/490/450	530/490/450	550/530/490
Sound pressure (H/M/L)	dB(A)	32/29/24	32/29/24	32/29/24	34/30/25
INSTALLATION					
Ø Liquid pipe	mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
Ø Gas pipe	mm (inch)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	12.70 (1/2)
PANEL					
Model		P1B-1050IB	P1B-1050IB	P1B-1050IB	P1B-1050IB
Panel Net dimensions (WxDxH)	mm	1050x560x122	1050x560x122	1050x560x122	1050x550x125
UNIT PRICE		£825	£870	£915	£960
PANEL PRICE		£175	£175	£175	£175
TOTAL SYSTEM PRICE		£1000	£1045	£1090	£1135

2-WAY CASSETTE MRV INDOOR UNIT



MODEL		AB072MBERA	AB092MBERA	AB122MBERA	AB162MBERA	AB182MBERA
PANEL		P2B-1160IB				
CAPACITY						
Cooling	kW	2.20	2.80	3.60	4.50	5.60
Heating	kW	2.50	3.20	4.00	5.00	6.30
VENTILATION						
Air flow (H/M/L)	m ³ /h	840/700/550	840/700/550	840/700/550	840/700/550	840/700/550
Sound pressure (H/M/L)	dB(A)	42/37/33	42/37/33	42/37/33	44/39/34	44/39/34
INSTALLATION						
Ø Liquid pipe	mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
Ø Gas pipe	mm (inch)	9.52 (3/8)	9.52 (3/8)	12.70 (1/2)	12.70 (1/2)	12.70 (1/2)
PANEL						
Model		P2B-1055IB	P2B-1055IB	P2B-1055IB	P2B-1055IB	P2B-1055IB
Panel Net dimensions (WxDxH)	mm	1055x680x68	1055x680x68	1055x680x68	1055x680x68	1055x680x68
UNIT PRICE		£1045	£1090	£1130	£1175	£1220
PANEL PRICE		£260	£260	£260	£260	£260
TOTAL SYSTEM PRICE		£1305	£1350	£1390	£1435	£1480

4-WAY CASSETTE COMPACT MRV INDOOR UNIT



MODEL		AB052MCERA(M)	AB072MCERA(M)	AB092MCERA(M)	AB122MCERA(M)	AB162MCERA(M)	AB182MCERA(M)
PANEL		PB-620KB(H)					
CAPACITY							
Cooling	kW	1.50	2.20	2.80	3.60	4.50	5.60
Heating	kW	1.70	2.50	3.20	4.00	5.00	6.30
VENTILATION							
Air flow (H/M/L)	m ³ /h	650/540/430	700/590/480	700/590/480	700/590/480	700/590/480	700/590/480
Sound pressure (H/M/L)	dB(A)	32/30/29	32/30/29	32/30/29	33/30/29	33/30/29	34/32/30
INSTALLATION							
Ø Liquid pipe	mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
Ø Gas pipe	mm (inch)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	12.70 (1/2)	12.70 (1/2)	12.70 (1/2)
PANEL							
Model		PB-620KB(H)	PB-620KB(H)	PB-620KB(H)	PB-620KB(H)	PB-620KB(H)	PB-620KB(H)
Panel Net dimensions (WxDxH)	mm	620x620x60	620x620x60	620x620x60	620x620x60	620x620x60	620x620x60
UNIT PRICE		£785	£825	£870	£915	£960	£1000
PANEL PRICE		£150	£150	£150	£150	£150	£150
TOTAL SYSTEM PRICE		£935	£975	£1020	£1065	£1110	£1150

NOT INCLUDING CONTROLLER (See controller page for more info)

CASSETTE SMART FLOW^{MRV} INDOOR UNIT



MODEL		AB072MRERA	AB092MRERA	AB122MRERA	AB162MRERA	AB182MRERA	AB242MRERA
CAPACITY							
Cooling	kW	2,20	2,80	3,60	4,50	5,60	7,10
Heating	kW	2,50	3,20	4,00	5,00	6,30	8,00
VENTILATION							
Air flow (H/M/L)	m ³ /h	1000/810/620	1000/810/620	1000/810/620	1000	1000	1380
Sound pressure (H/M/L)	dB(A)	30/27/25	30/27/25	30/27/25	32/29/27	33/30/29	35/34/31
INSTALLATION							
Ø Liquid pipe	mm (inch)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	9,52 (3/8)
Ø Gas pipe	mm (inch)	9,52 (3/8)	9,52 (3/8)	12,70 (1/2)	12,70 (1/2)	12,70 (1/2)	15,88 (5/8)
PANEL							
Model		PB-950KB(H)	PB-950KB(H)	PB-950KB(H)	PB-950KB(H)	PB-950KB(H)	PB-950KB(H)
Panel Net dimensions (WxDxH)	mm	950x950x50	950x950x50	950x950x50	950x950x50	950x950x50	950x950x50
UNIT PRICE		£820	£840	£850	£870	£915	£960
PANEL PRICE		£260	£260	£260	£260	£260	£260
TOTAL SYSTEM PRICE		£1080	£1100	£1110	£1130	£1175	£1220

MODEL		AB282MRERA	AB302MRERA	AB382MRERA	AB482MRERA	AB602MRERA
CAPACITY						
Cooling	kW	8,00	9,00	11,20	14,00	16,00
Heating	kW	9,00	10,00	12,50	16,00	18,00
VENTILATION						
Air flow (H/M/L)	m ³ /h	1380/1190/1000	2050/1860/1670	2050/1860/1670	2100/1910/1720	2100/1910/1720
Sound pressure (H/M/L)	dB(A)	37/35/31	37/35/31	37/35/31	44/40/36	44/40/36
INSTALLATION						
Ø Liquid pipe	mm (inch)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)
Ø Gas pipe	mm (inch)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)
PANEL						
Model		PB-950KB(H)	PB-950KB(H)	PB-950KB(H)	PB-950KB(H)	PB-950KB(H)
Panel Net dimensions (WxDxH)	mm	950x950x50	950x950x50	950x950x50	950x950x50	950x950x50
UNIT PRICE		£1000	£1045	£1090	£1130	£1175
PANEL PRICE		£260	£260	£260	£260	£260
TOTAL SYSTEM PRICE		£1260	£1305	£1350	£1390	£1435

FLOOR CONSOLE^{MRV} INDOOR UNIT



MODEL		AF052MBERA	AF072MBERA	AF092MBERA	AF122MBERA	AF162MBERA	AF182MBERA
CAPACITY							
Cooling	kW	1,50	2,20	2,80	3,60	4,50	5,00
Heating	kW	1,70	2,60	3,20	4,00	5,00	5,50
VENTILATION							
Air flow (H/M/L)	m ³ /h	540/460/390/310/270	540/460/390/310/270	540/460/390/310/270	580/500/420/350/270	620/540/460/390/270	620/540/460/390/270
Sound pressure (H/M/L)	dB(A)	45/42/38/33/30	45/42/38/33/30	45/42/38/33/30	47/44/40/36/30	48/45/42/38/30	48/45/42/38/30
INSTALLATION							
Ø Liquid pipe	mm (inch)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)
Ø Gas pipe	mm (inch)	12,70 (1/2)	12,70 (1/2)	12,70 (1/2)	12,70 (1/2)	12,70 (1/2)	12,70 (1/2)
TOTAL SYSTEM PRICE		£785	£825	£870	£915	£960	£1000

CEILING-FLOOR^{MRV} INDOOR UNIT



MODEL		AC092MDERA	AC122MDERA	AC162MDERA	AC182MDERA	AC242MDERA	AC282MDERA	AC302MDERA	AC382MDERA	AC482MDERA
CAPACITY										
Cooling	kW	2,80	3,60	4,50	5,60	7,10	8,00	9,00	11,20	14,00
Heating	kW	3,20	4,00	5,00	6,30	8,00	9,00	10,00	12,50	16,00
VENTILATION										
Air flow (H/M/L)	m ³ /h	820/750/690	820/750/690	950/820/690	950/820/690	1420/1270/1240	1570/1420/1240	1570/1420/1240	2110/1990/1750	2110/1990/1750
Sound pressure (H/M/L)	dB(A)	38/36/34	38/36/34	42/38/35	42/38/35	46/44/41	47/44/41	47/44/41	50/46/43	50/46/43
INSTALLATION										
Ø Liquid pipe	mm (inch)	6,35 (1/4)	6,35 (1/4)	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)
Ø Gas pipe	mm (inch)	9,52 (3/8)	12,70 (1/2)	12,70 (1/2)	12,70 (1/2)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)
TOTAL SYSTEM PRICE		£1045	£1090	£1130	£1175	£1220	£1260	£1305	£1565	£1650

NOT INCLUDING CONTROLLER (See controller page for more info)

FLOOR CONSOLE, BUILT-IN MRV INDOOR UNIT

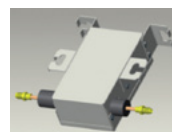


MODEL		AE072MLERA	AE092MLERA	AE122MLERA	AE162MLERA	AE182MLERA	AE242MLERA
CAPACITY							
Cooling	kW	2,20	2,80	3,60	4,50	5,60	7,10
Heating	kW	2,50	3,20	4,00	5,00	6,30	8,00
VENTILATION							
Air flow (H/M/L)	m ³ /h	750/650/550	750/650/550	750/650/5500	950/830/720	950/830/720	950/830/720
Sound pressure (H/M/L)	dB(A)	38/35/33	38/35/33	40/37/35	40/37/35	42/39/36	42/39/36
INSTALLATION							
Ø Liquid pipe	mm (inch)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	9,52 (3/8)
Ø Gas pipe	mm (inch)	9,52 (3/8)	9,52 (3/8)	12,70 (1/2)	12,70 (1/2)	12,70 (1/2)	15,88 (5/8)
TOTAL SYSTEM PRICE		£825	£870	£915	£960	£1000	£1045

WALL MOUNTED MRV INDOOR UNIT



The external EEV modulation valve must be installed in the liquid pipe, between 2m and 5m from the unit. This allows to move this sound source out of the room, reaching high levels of silence for the perfect confort in hotels, commerces or offices.



MODEL		AS052MNERAB	AS072MNERAB	AS092MNERAB	AS122MNERAB	AS162MNERA	AS182MNERA	AS242MNERA	AS282MNERA	AS302MNERA
CAPACITY										
Cooling	kW	1,50	2,20	2,80	3,60	4,50	5,60	7,10	8,00	9,00
Heating	kW	1,70	2,50	3,20	4,00	5,00	6,30	8,00	9,00	10,00
VENTILATION										
Air flow (H/M/L)	m ³ /h	500/430/370	550/480/420	600/530/470	630/560/500	800/720/650	920/800/720	1010/920/800	1500/1400/1300	1600/1500/1400
Sound pressure (H/M/L)	dB(A)	33/31/29	35/31/29	36/31/29	37/33/29	39/36/34	40/39/35	44/40/36	48/43/40	49/44/41
INSTALLATION - DIMENSIONS										
Ø Liquid pipe	mm (inch)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)
Ø Gas pipe	mm (inch)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	12,70 (1/2)	12,70 (1/2)	12,70 (1/2)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)
TOTAL SYSTEM PRICE		£660	£660	£680	£695	£730	£760	£790	£845	£870

MODEL		AS052MNERAC	AS072MNERAC	AS092MNERAC	AS122MNERAC	AS162MNERAC	AS182MNERAC	AS242MNERAC	AS282MNERAC	AS302MNERAC
CAPACITY										
Cooling	kW	1,50	2,20	2,80	3,60	4,50	5,60	7,10	8,00	9,00
Heating	kW	1,70	2,50	3,20	4,00	5,00	6,30	8,00	9,00	10,00
VENTILATION										
Air flow (H/M/L)	m ³ /h	500/430/370	550/480/420	600/530/470	630/560/500	800/720/650	920/800/720	1010/920/800	1500/1400/1300	1600/1500/1400
Sound pressure (H/M/L)	dB(A)	33/31/29	35/31/29	36/31/29	37/33/29	39/36/34	40/39/35	44/40/36	48/43/40	49/44/41
INSTALLATION										
Ø Liquid pipe	mm (inch)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)
Ø Gas pipe	mm (inch)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	12,70 (1/2)	12,70 (1/2)	12,70 (1/2)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)
TOTAL SYSTEM PRICE		£680	£680	£695	£715	£740	£790	£845	£870	£915

SLIM DUCT LOW PRESSURE MRV INDOOR UNIT



MODEL		AD052MSERA(H)	AD072MSERA(H)	AD092MSERA(H)	AD122MSERA(H)	AD162MSERA(H)	AD182MSERA(H)	AD242MSERA(H)
PANEL		P1B-1210IA/D £185						
CAPACITY								
Cooling	kW	1,50	2,20	2,80	3,60	4,50	5,60	7,10
Heating	kW	1,70	2,50	3,20	4,00	5,00	6,30	8,00
VENTILATION								
Air flow (H/M/L)	m ³ /h	430/370/310	480/420/360	480/420/360	550/430/370	600/540/460	800/690/580	930/850/750
Sound pressure level (H/M/L)	dB(A)	26/22/19	27/23/20	27/23/20	30/27/24	32/29/26	33/30/27	36/33/30
INSTALLATION								
Ø Liquid side refrigerant pipe	mm	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	9,52 (3/8)
Ø Gas side refrigerant pipe	mm	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	12,70 (1/2)	12,70 (1/2)	12,70 (1/2)	15,88 (5/8)
Static pressure (Standard / Max)	Pa	0/15/30	0/15/30	0/15/30	0/15/30	0/15/30	0/15/30	0/15/30
PANEL								
Model		P1B-890IA/D	P1B-890IA/D	P1B-890IA/D	P1B-890IA/D	P1B-890IA/D	P1B-1210IA/D	P1B-1210IA/D
Dimensions WxDxH (delivery deflector)	mm	890x190x100	890x190x100	890x190x100	890x190x100	890x190x100	1210x190x100	1210x190x100
Dimensions WxDxH (with filter)	mm	890x290,5x32,4	890x290,5x32,4	890x290,5x32,4	890x290,5x32,4	890x290,5x32,4	1210x290,5x32,4	1210x290,5x32,4
UNIT PRICE		£625	£625	£645	£680	£695	£740	£785
PANEL PRICE		£185	£185	£185	£185	£185	£185	£185
TOTAL SYSTEM PRICE		£810	£810	£830	£865	£880	£925	£970



Panel Kit **OPTIONAL**

New panel with built-in receiver for infrared remote control and temperature info display dimmable from controller



Air discharge grill equipped with vertical and horizontal 3D effect motorised fins

Air intake grill equipped with filter

NOT INCLUDING CONTROLLER (See controller page for more info)

DUCTED MEDIUM PRESSURE MRV INDOOR UNIT



The inbuilt UV-C ray emitter module performs an effective and efficient air sterilization both on the unit's coil surface and the air that passes through. This module's performance has been certified by the independent laboratory Texcell.

MODEL		AD052MJERA(H)	AD072MJERA(H)	AD092MJERA(H)	AD122MJERA(H)	AD162MJERA(H)	AD182MJERA(H)
CAPACITY							
Cooling	kW	1,50	2,20	2,80	3,60	4,50	5,60
Heating	kW	1,70	2,50	3,20	4,00	5,00	6,30
VENTILATION							
Air flow (H/M/L)	m ³ /h	515/440/390	545/470/390	545/470/390	570/495/420	700/625/550	915/765/640
Sound pressure (H/M/L)	dB(A)	29/27/25	30/28/25	30/28/25	31/29/27	32/30/28	33/31/29
INSTALLATION							
Ø Liquid pipe	mm (inch)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)
Ø Gas pipe	mm (inch)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	12,70 (1/2)	12,70 (1/2)	12,70 (1/2)
Static pressure (Standard/Max.)	Pa	20/200	20/200	20/200	20/200	20/200	20/200
TOTAL SYSTEM PRICE		£870	£915	£960	£1000	£1020	£1090

MODEL		AD242MJERA(H)	AD282MJERA(H)	AD302MJERA(H)	AD382MJERA(H)	AD482MJERA(H)	AD542MJERA(H)
CAPACITY							
Cooling	kW	7,10	8,00	9,00	11,20	14,00	16,00
Heating	kW	8,00	9,00	10,00	13,00	16,30	18,00
VENTILATION							
Air flow (H/M/L)	m ³ /h	1275/1050/875	1275/1050/875	1450/1200/1000	2000/1700/1400	2150/1750/1400	2350/1950/1600
Sound pressure (H/M/L)	dB(A)	34/31/29	35/33/30	36/33/30	38/35/32	40/36/32	42/38/34
INSTALLATION							
Ø Liquid pipe	mm (inch)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)
Ø Gas pipe	mm (inch)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)	15,88 (5/8)
Static pressure (Standard/Max.)	Pa	20/200	20/200	20/180	20/180	20/180	20/180
TOTAL SYSTEM PRICE		£1130	£1175	£1260	£1350	£1435	£1520

DUCTED HIGH PRESSURE MRV INDOOR UNIT



MODEL		AD722MTERAD	AD962MTERAD
CAPACITY			
Cooling	kW	22,60	28,00
Heating	kW	25,20	31,50
VENTILATION			
Air flow (H/M/L)	m ³ /h	4000/3600/3200	4500/3700/3300
Sound pressure level (H/L)	dB(A)	50/46	51/47
INSTALLATION			
Ø Liquid side refrigerant pipe	mm	12,70 (1/2)	12,70 (1/2)
Ø Gas side refrigerant pipe	mm	22,22 (7/8)	22,22 (7/8)
Static pressure (Standard / Max)	Pa	100/300	100/300
TOTAL SYSTEM PRICE		£3045	£3220

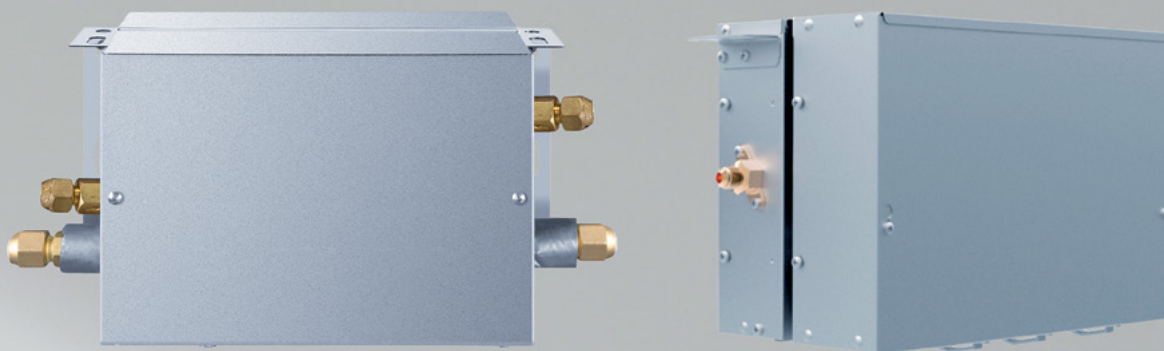
DUCTED FIXED FLOW MRV INDOOR UNIT



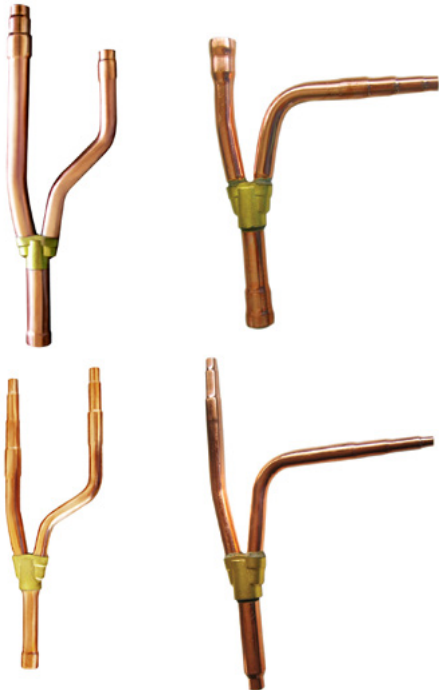
*Until stocks last.

MODEL		AD072MQERA	AD092MQERA	AD242MQERA	AD302MQERA
CAPACITY					
Cooling	kW	2,20	2,80	7,10	9,0
Heating	kW	2,50	3,20	8,00	10,0
VENTILATION					
Air flow (H/M/L)	m ³ /h	500/410/360	600/510/450	1100/1020/920	1500/1320/1220
Sound pressure (H/M/L)	dB(A)	30/25/23	30/25/23	33/29/25	33/29/25
INSTALLATION					
Ø Liquid pipe	mm (inch)	6,35 (1/4)	6,35 (1/4)	9,52 (3/8)	9,52 (3/8)
Ø Gas pipe	mm (inch)	9,52 (3/8)	9,52 (3/8)	15,88 (5/8)	15,88 (5/8)
Static pressure (Standard/Max.)	Pa	0/200	0/200	50/200	0/200
TOTAL SYSTEM PRICE		£915	£960	£1045	£1130

NOT INCLUDING CONTROLLER (See controller page for more info)



PIPE KITS & CONNECTOR KITS

RANGE	PRODUCT NAME	IMAGE	MODEL REF	PRICE LIST
MAXI SPLIT	SUPER MATCH BRANCH PIPES		FQG-2Y100A	£210.00
			FQG-2Y200A	£230.00
			FQG-3Y100A	£250.00
			FQG-3Y200A	£270.00
			FQG-4Y200A	£280.00
MRV-H	MRV BRANCH PIPES (2PIPE)		FQG-B335A	£130.00
			FQG-B506A	£150.00
			FQG-B730A	£190.00
			FQG-B1350A	£240.00
			FQG-B2040A	£540.00
MRV5-RC	MRV BRANCH PIPES		FQG-R335A	£240.00
			FQG-R506A	£275.00
			FQG-R730A	£300.00
			FQG-R1350A	£470.00
			FQG-R2040A	£570.00
MRV5-H	GATHER PIPE		FQG-H3704	£245.00
			FQG-H3705	£310.00
			FQG-H3708_35kW	£350.00
			FQG-H3708_70kW	£400.00
			MRV5-RC	OUTDOOR COMBINATION JOINTS
HZG-30B	£710.00			
HZG-R20B	£310.00			
HZG-R30B	£700.00			
HZG-R40B	£930.00			

EASY MRV



MS1-036A
MS1-060A



MS3-036A

MODEL		MS1-036A	MS1-060A	MS3-036A
Max number of indoor units	No.	1	1	3
Maximum connectable indoor unit capacity	Btu/h	≤ 36Kbtu	36Kbtu - 60Kbtu	≤ 36Kbtu per single output (Tot. max 108Kbtu)
	kW	11,2	11,2 to 18,0 kW	Max 33,6 kW (max 11,2 kW per single output)
Liquid pipe Ø	mm	9,52 (male) / 6,35	9,52 (male) / 12,7	6,35 (male) / 9,52 - 9,52 (male) / 12,7
Gas pipe Ø	mm	15,88 (male) / 12,7 / 9,52	19,05 (male) / 15,88	19,05 (male) / 15,88 - 15,88 (male) / 12,7 / 9,52
Connection type		Flare connection	Flare connection	Flare connection
Maximum piping length (BOX - IU)	m	15	15	15
Maximum height difference of pipes (BOX - IU)	m	15	15	15
TOTAL SYSTEM PRICE		£470.00	£560.00	£750.00

MRV AHU



AH1-070B
AH1-140B
AH1-280B



AH1-560B
AH1-730B

MODEL		AH1-070B	AH1-140B	AH1-280B	AH1-560B	AH1-730B
Connectable capacity (kW AHU intertial exchanger)	kW	3,5≤X≤7,0kW (1-3HP)	7,0≤X≤14,0kW (3-5HP)	14,0≤X≤28,0kW (5-10HP)	28,0≤X≤56,0kW (10-20HP)	56,0≤X≤73,0kW (20-26HP)
Liquid pipe diameter (input/output to AHU)	mm (inch)	9,52 (3/8) / 6,35 (1/4)	9,52 (3/8) / 6,35 (1/4)	9,52 (3/8) / 6,35 (1/4)	12,70 (1/2) / 15,88 (5/8)	12,70 (1/2) / 15,88 (5/8)
Connection method		Flare	Flare	Flare	Flare	Flare
Maximum distance between BOX and AHU	m	5	5	5	5	5
Maximum height difference between BOX and AHU	m	5	5	5	5	5
TOTAL SYSTEM PRICE		£870	£915	£960	£1045	£1130

HEATING

SUPER AQUA MONOBLOC GT R290 NEW



AW042MUGHA
AW062MUGHA
AW082MUGHA
AW102MUGHA
AW10NMUGHA



AW122MXGHA
AW142MXGHA
AW162MXGHA

AW12NMXGHA
AW14NMXGHA
AW16NMXGHA



ATW-A03



HW-WA101DBT
(standard)



R290



A+++ / A+++



hOn WiFi



Max. 80°C
hot water



Climate Curve



2 Zone Control



Auto Mode



Smart Grid



Modbus



DHW Tank
Solar Control



Anti-freezing

PRODUCT DATA			Monobloc 4kW-1Ph	Monobloc 6kW-1Ph	Monobloc 8kW-1Ph	Monobloc 10kW-1Ph	Monobloc 10kW-3Ph
MODEL			AW042MUGHA	AW062MUGHA	AW082MUGHA	AW102MUGHA	AW10NMUGHA
Heating (LWT 35°C / OAT 7°C)	Capacity	kW	4.00	6.00	8.00	10.00	10.00
Cooling (LWT 18°C / OAT 35°C)	Capacity	kW	4.00	6.00	7.50	9.50	9.50
Leaving water temperature range	Heating	°C	20-80	20-80	20-80	20-80	20-80
	Cooling	°C	5-25	5-25	5-25	5-25	5-25
Refrigerant	Type	-	R290				
	Charge/CO2 Eq.	kg/t	0.8/2.4	0.8/2.4	0.9/2.7	0.9/2.7	0.9/2.7
Max. running current	A		13.5	13.5	18.6	18.6	6.2
Recommended circuit breaker	A		16.0	16.0	20.0	20.0	16.0
Accessory	Wired controller	-	HW-WA101DBT (Standard)				
	PCB Box	-	ATW-A03 (Standard)				
	Filter	-	Y-type (Standard)				
TOTAL SYSTEM PRICE			£5740	£6090	£6435	£6785	£7130

PRODUCT DATA			Monobloc 12kW-1Ph	Monobloc 14kW-1Ph	Monobloc 16kW-1Ph	Monobloc 12kW-3Ph	Monobloc 14kW-3Ph	Monobloc 16kW-3Ph
MODEL			AW122MXGHA	AW142MXGHA	AW162MXGHA	AW12NMXGHA	AW14NMXGHA	AW16NMXGHA
Heating (LWT 35°C / OAT 7°C)	Capacity	kW	12.00	14.00	16.00	12.00	14.00	16.00
Cooling (LWT 18°C / OAT 35°C)	Capacity	kW	11.50	13.50	15.50	11.50	13.50	15.50
Leaving water temperature range	Heating	°C	20-80	20-80	20-80	20-80	20-80	20-80
	Cooling	°C	5-25	5-25	5-25	5-25	5-25	5-25
Refrigerant	Type	-	R290					
	Charge/CO2 Eq.	kg/t	1.05/3.15	1.05/3.15	1.25/3.75	1.05/3.15	1.05/3.15	1.25/3.75
Max. running current	A		30.6	30.6	34.8	10.2	10.2	11.6
Recommended circuit breaker	A		32.0	32.0	40.0	16.0	16.0	16.0
Accessory	Wired controller	-	HW-WA101DBT (Standard)					
	PCB Box	-	ATW-A03 (Standard)					
	Filter	-	Y-type (Standard)					
TOTAL SYSTEM PRICE			£7565	£8085	£8610	£8000	£8435	£8955

Note: *(1)The testing conditions refer to EN14511-2018 and the testing method refers to EN12102-2017(A7/W35)

The data in this catalogue is purely indicative as the data may vary. Please be advised to check the accuracy of the data with the supplier before purchasing products.

SUPER AQUA HYDRO SPLIT R290 NEW



AW042HUGHA
AW062HUGHA
AW082HUGHA
AW102HUGHA

AW10NHUGHA



AW122HVGHA
AW142HVGHA
AW162HVGHA

AW12NHVGHA
AW14NHVGHA
AW16NHVGHA



HU102WAHYA
HU162WAHYA

HU10NWAHYAE3
HU16NWAHYAE3



R290



A+++ / A+++



hOn WiFi



Max. 80°C
hot water



Climate Curve



2 Zone Control



Auto Mode



Smart Grid



Modbus



DHW Tank
Solar Control



Anti-freezing

INDOOR UNIT			HU102WAHYA	HU102WAHYA	HU102WAHYA	HU102WAHYA	HU10NWAHYAE3
Leaving water temperature range	Heating	°C	20~80	20~80	20~80	20~80	20~80
	Cooling	°C	5~25	5~25	5~25	5~25	5~25
Storage temperature range (Tank)	DHW	°C	25~75	25~75	25~75	25~75	25~75
Water piping Connection	Inlet/Outlet	inch	R 1/R 1	R 1/R 1	R 1/R 1	R 1/R 1	R 1/R 1
Expansion Tank	L		8	8	8	8	8
Backup electric heater	Capacity	kW	1+2	1+2	1+2	1+2	1+2
Max running current	A		14.1	14.1	14.1	14.1	5.0
Recommended circuit breaker	A		20.0	20.0	20.0	20.0	10.0
OUTDOOR UNIT			AW042HUGHA	AW062HUGHA	AW082HUGHA	AW102HUGHA	AW10NHUGHA
Outdoor operating temperature range	Heating	°C	-25~35	-25~35	-25~35	-25~35	-25~35
	Cooling	°C	10~48	10~48	10~48	10~48	10~48
	DHW	°C	-25~43	-25~43	-25~43	-25~43	-25~43
Water piping connection	Inlet/Outlet	inch	R 1/R 1	R 1/R 1	R 1/R 1	R 1/R 1	R 1/R 1
Refrigerant	Type		R290				
	Charge/CO2 Eq.	kg/T	0.8/2.4	0.8/2.4	0.9/2.7	0.9/2.7	0.9/2.7
Max running current	A		13.5	13.5	18.6	18.6	6.2
Recommended circuit breaker	A		16.0	16.0	20.0	20.0	16.0
INDOOR PRICE			£3260	£3260	£3260	£3260	£3350
OUTDOOR PRICE			£3480	£3825	£4175	£4520	£4955
TOTAL SYSTEM PRICE			£6740	£7085	£7435	£7780	£8305

INDOOR UNIT			HU162WAHYA	HU162WAHYA	HU162WAHYA	HU16NWAHYAE3	HU16NWAHYAE3	HU16NWAHYAE3
Leaving water temperature range	Heating	°C	20~80	20~80	20~80	20~80	20~80	20~80
	Cooling	°C	5~25	5~25	5~25	5~25	5~25	5~25
Storage temperature range (Tank)	DHW	°C	25~75	25~75	25~75	25~75	25~75	25~75
Water piping Connection	Inlet/Outlet	inch	R 1/R 1	R 1/R 1	R 1/R 1	R 1/R 1	R 1/R 1	R 1/R 1
Expansion Tank	L		8	8	8	8	8	8
Backup electric heater	Capacity	kW	2+4	2+4	2+4	2+4	2+4	2+4
Max running current	A		28.2	28.2	28.2	9.5	9.5	9.5
Recommended circuit breaker	A		40.0	40.0	40.0	16.0	16.0	16.0
OUTDOOR UNIT			AW122HVGHA	AW142HVGHA	AW162HVGHA	AW12NHVGHA	AW14NHVGHA	AW16NHVGHA
Outdoor operating temperature range	Heating	°C	-25~35	-25~35	-25~35	-25~35	-25~35	-25~35
	Cooling	°C	10~48	10~48	10~48	10~48	10~48	10~48
	DHW	°C	-25~43	-25~43	-25~43	-25~43	-25~43	-25~43
Water piping connection	Inlet/Outlet	inch	R 1/R 1	R 1/R 1	R 1/R 1	R 1/R 1	R 1/R 1	R 1/R 1
Refrigerant	Type		R290					
	Charge/CO2 Eq.	kg/T	1.05/3.15	1.05/3.15	1.25/3.75	1.05/3.15	1.05/3.15	1.25/3.75
Max running current	A		30.6	30.6	34.8	10.2	10.2	11.6
Recommended circuit breaker	A		32.0	32.0	40.0	16.0	16.0	16.0
INDOOR PRICE			£3955	£3955	£3955	£4045	£4045	£4045
OUTDOOR PRICE			£5740	£6085	£6435	£6085	£6345	£6780
TOTAL SYSTEM PRICE			£9695	£10040	£10390	£10130	£10390	£10825

* (1) The testing conditions refer to EN14511-2018 and the testing method refers to EN12102-2017 (A7/W35)

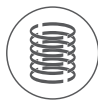
* HU1*2WAHYA** stands for the unit without 3-way valve, with expansion tank

* HU1*2WAHYB** stands for the unit with 3-way valve, without expansion tank

M8 HPWH NEW



R290



Micro-Channel
Condenser



Up to 65°C



Dual Power
Heat



Child Lock



36dB



hOn Wifi



Enamel Tank



MODEL		HP80M8-9	HP110M8-9	HP150M8-9
Water inlet and outlet connection		R1/2" M Large Flow	R1/2" M Large Flow	R1/2" M Large Flow
Safety valve connection		R1/2" M	R1/2" M	R1/2" M
Drain & Water inlet connection		R1/2" M	R1/2" M	R1/2" M
Product dimensions	(mm)	492 × 537 × 1170	492 × 537 × 1320	492 × 537 × 1680
Packing dimensions without pallet	(mm)	587 × 587 × 1247	587 × 587 × 1397	587 × 587 × 1894
Packing dimensions with pallet	(mm)	/	/	587 × 587 × 1894
Net/Gross weight	kg	51/58	54/62	64/83
TOTAL SYSTEM PRICE		£1730	£1815	£1910

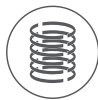
*The COP and noise level data was tested in Haier lab.

The COP values obtained with external air temperature of 7°C and 14°C, inlet water temperature of 10°C and set temperature of 55°C (according to EN 16147).

M7 HPWH NEW



R290



Micro-Channel
Condenser



Up to 65°C



Dual Power
Heat



Child Lock



36dB



hOn Wifi



Enamel Tank



MODEL		HP200M7-F9	HP200M7C-F9	HP250M7-F9	HP250M7C-F9
Water inlet and outlet connection		Rp 3/4 Large Flow	Rp 3/4 Large Flow	Rp 3/4 Large Flow	Rp 3/4 Large Flow
TPR valve connection		Rp 3/4	Rp 3/4	Rp 3/4	Rp 3/4
Drain & water inlet connection		Rp 3/4	Rp 3/4	Rp 3/4	Rp 3/4
Product dimensions	(mm)	600 × 620 × 1694	600 × 620 × 1694	600 × 620 × 1989	600 × 620 × 1989
Packing dimension with pallet	(mm)	736 × 695 × 1940	736 × 695 × 1940	736 × 695 × 2250	736 × 695 × 2250
Net/gross weight	kg	86/109	96/119	98/121	107/131
Filled weight of the appliance	kg	281	282	345	348
TOTAL SYSTEM PRICE		£2235	£2420	£2330	£2515

R32 CHILLERS

NEW



MODEL			CA0070HANH	CA0100HANH	CA0140HANH
Cooling (LWT 7°C/OAT 35°C)	Capacity	kW	65	100	130
	Power Input	kW	22.03	28.60	42.88
	EER	W/W	2.95	3.50	3.03
Heating (LWT 35°C/OAT 7°C)	Capacity	kW	71	100	142
	Power Input	kW	16.14	20.00	30.87
	COP	W/W	4.4	5.00	4.60
Seasonal Energy Efficiency	SEER	W/W	4.6	4.88	4.82
	ns,c	%	181	192	190
	SCOP (35°C)	W/W	4.51	4.85	4.60
	ns,h	%	178	191	181
	SCOP (55°C)	W/W	3.65	3.85	3.80
	ns,h	%	143	151	149
Operating Temperature Range	Cooling	°C	-20~53	-20~53	-20~53
	Heating	°C	-30~50	-30~50	-30~50
	DHW	°C	-30~50	-30~50	-30~50
Leaving Water Temperature Range	Cooling	°C	-5~20	-5~20	-5~20
	Heating	°C	20~60	20~60	20~60
Power Supply		Ph/V/Hz	3N~/380-415V/50Hz	3N~/380-415/50	3N~/380-415/50
Sound Pressure Level		dB(A)	69	70	72
Compressor	Type		Inverter Scroll Compressor	Inverter Scroll Compressor	Inverter Scroll Compressor
	Quantity		1	2	2
Refrigerant	Type		R32	R32	R32
	Charge	kg	10	11*2	11*2
	CO2e	t	6.75	14.85	14.85
Water System	Water Resistance	kPa	53	40	60
	Water Flow Rate (Cooling)	m3/h	11.2	17.2	22.4
	Water Flow Rate (Heating)	m3/h	12.2	17.2	24.4
	Max. Pressure	MPa	1	1	1
	Water Pipe Size (Inlet/Outlet)	-	DN50/DN50	DN65/DN65	DN65/DN65
External Dimension	W x D x H	mm	1265 x 1210 x 2260	2260 x 1255 x 2260	2260 x 1255 x 2260
Weight	Unit weight	kg	480	910	910
	Gross weight	kg	500	940	940
	Weight in operation	kg	505	940	940
TOTAL SYSTEM PRICE			£29400	£43300	£48500

1. Haier reserves the right to change these specifications without prior notice.

2. Ratings calculated according to EN14511 and EN14825.

3. ns calculated according to Ecodesign regulation for chillers comfort cooling and heating (813/2013, 2016/2281)

4. Ecodesign figures are calculated following variable outlet approach.

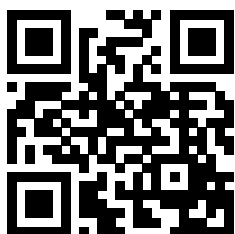
5. Sound data is tested in Haier lab, which may vary according to different installation conditions.

6. The resistance parameters listed in the table do not account for the resistance of the included water filter.

7. For further information, please contact Haier staff.

The data in this catalogue is purely indicative as the data may vary. Please be advised to check the accuracy of the data with the supplier before purchasing products.

Haier
HVAC Solutions



Haier HVAC
haierhvac.eu

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