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## Indoor Units

Model ABH071H5ERG (7.1kW)  
Model ABH105K5ERG (10.0kW)  
Model ABH125K5ERG (12.0kW)  
Model AB140S5SR1FA (14.0kW)



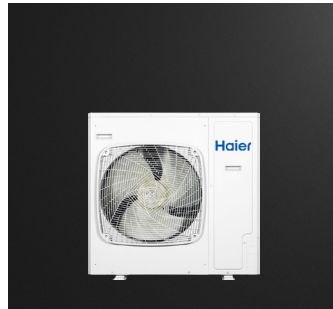
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## Outdoor Units

Model 1U71S2SS5FA



Model 1U100S2SN5FA



Model 1U125S2SP5FA  
Model 1U140S2SN5FA



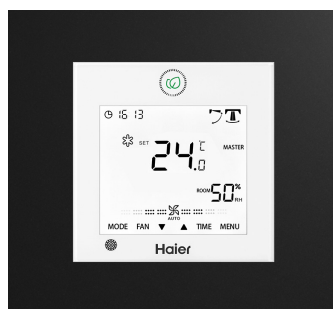
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## Controller

Model YR-HQS01  
(Included as standard)



Model YR-E17A  
(Optional)



Model YR-E16B  
(Optional)



			Set	ABH071HS5FA-SET	ABH105KN5FA-SET	ABH125KP5FA-SET	AB140S5SR1FA-SET
Model			Indoor	ABH071H5ERG	ABH105K5ERG	ABH125K5ERG	AB140S5SR1FA
			Outdoor	1U71S2S5FA	1U100S2SN5FA	1U125S2SP5FA	1U140S2SN5FA
Rated Performance data	Capacity	Cooling	kW nor (min ~ max)	7.1 (2.0 ~ 8.0)	10.0 (2.5 ~ 11.0)	12.0 (3.5 ~ 14.0)	14.0 (6.0 ~ 14.6)
		Heating	kW nor (min ~ max)	8.0 (2.0 ~ 9.0)	11.5 (2.5 ~ 12.0)	13.0 (4.0 ~ 15.0)	14.5 (7.0 ~ 17.0)
	Rated power input	Cooling	kW nom (min ~ max)	2.07 (0.40 ~ 3.50)	3.16 (0.50 ~ 4.70)	3.80 (1.00 ~ 5.80)	4.09 (1.40 ~ 6.00)
		Heating	kW nom (min ~ max)	2.10 (0.40 ~ 3.50)	3.25 (0.50 ~ 4.70)	4.00 (1.00 ~ 5.80)	4.05 (1.50 ~ 5.80)
	EER		w/w	3.43	3.16	3.16	3.42
	COP		w/w	3.81	3.54	3.25	3.58
	Total cooling seasonal performance factor	Commercial	Hot/Mixed/Cold	4.41/4.37/4.6	4.598/4.668/4.979	4.36/4.404/4.679	4.639/4.672/4.955
		Residential	Hot/Mixed/Cold	4.14/3.762/3.797	4.284/3.953/4.083	4.088/3.806/3.915	4.358/4.056/4.161
	Heating seasonal performance factor	Commercial	Hot/Mixed/Cold	4.326/4.078/3.679	4.447/4.16/3.784	3.325/3.182/2.849	3.969/3.787/3.497
Residential		Hot/Mixed/Cold	4.33/3.927/3.448	4.436/3.956/3.528	3.337/3.105/2.8	3.975/3.681/3.337	

## Indoor Unit

Performance	Air flow (H/M/L)	l/s	445/415/375/335	490/405/335/295	530/435/375/295	545/460/385
	Sound power level	dB(A)	62	62	64	66
	Sound pressure level (H/M/L)	dB(A)	35/33/29/26	45/42/38/34	47/44/38/34	50/48/44
Installation	External dimensions (WxDxH)	mm	840x840x246	840x840x288	840x840x288	840x840x288
	Shipping dimensions (WxDxH)	mm	990x990x310	990x990x380	990x990x380	978x978x353
	Net/shipping weight	kg	31/36	32/38	32/38	28/34
	Drain	mm	25	25	25	25
	Wireless controller	Supplied	YR-HQS01	YR-HQS01	YR-HQS01	YR-HQS01
	Wired controller	Optional	YR-E17A/YR-E16B	YR-E17A/YR-E16B	YR-E17A/YR-E16B	YR-E17A/YR-E16B
Panel	Panel model		PB-950KB	PB-950KB	PB-950KB	PB-950QB
	External dimensions (WxDxH)	mm	950x950x50	950x950x50	950x950x50	950x950x50
	Shipping dimensions (WxDxH)	mm	1000x1000x110	1000x1000x110	1000x1000x110	1000x1000x110
	Net/shipping weight	kg	6.5/9	6.5/9	6.5/9	5.5/8.5

## Outdoor Unit

Electrical parameters	Power supply	Ph/V/Hz	1/220 ~ 240/50	1/220 ~ 240/50	1/220 ~ 240/50	1/220 ~ 240/50	
	Rated current	Cooling	Amps	9	13.6	17	17.8
		Heating	Amps	9.2	13.6	17.2	17.6
	Maximum current	Amps	16	20	26	28	
Performance	Air flow (H)	m <sup>3</sup> /h	3200	4000	6500	7000	
	Sound power level	dB (A)	64	68	69	70	
	Sound pressure level	dB (A)	47	52	52	54	
Installation	External dimensions (WxDxH)	mm	920x372x760	950x370x965	950x370x1350	950x370x1350	
	Shipping dimensions (WxDxH)	mm	1036x478x820	1050x450x1095	1090x480x1500	1090x480x1500	
	Net/shipping weight	kg	60/65	83/94	100/118	105/118	
	Compressor type		twin rotary	twin rotary	twin rotary	twin rotary	
	Refrigerant type		R32	R32	R32	R32	
	Refrigerant liquid pipe	mm	9.52 (¾)	9.52 (¾)	9.52 (¾)	9.52 (¾)	
	Refrigerant gas pipe	mm	15.88 (¾)	15.88 (¾)	15.88 (¾)	19.05 (¾)	
	Max pipe length	m	50	50	75	70	
	Max drop between I.U.&O.U	m	30	30	30	30	
	Refrigerant pre charge	kg	1.7	2.3	2.9	2.9	
	Chargeless length	m	20	20	30	30	
	Refrigerant charge quantity for extra length	g/m	45	45	45	45	
Working temp.	Cooling (min to max)	°C	-15 to 50	-15 to 50	-15 to 50	-15 to 50	
	Heating (min to max)	°C	-20 to 24	-20 to 24	-20 to 24	-20 to 24	
DRED	Peak smart (DRED) ready		accessory HPRT-DRA001	Yes	Yes	Yes	