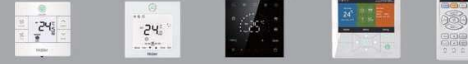


# VRF *INDOOR*





# SPECIFICATION



HW-BA116ABK YR-E17A HW-BA101ABT YR-E16B YR-HD

- DC fan motor
- Ultra thin design
- Ultra low sound level
- Built-in high head drain pump



Casette



Convertible



Duct



Built-in Floor Standing



Console



High Wall

Model/Indoor unit		AB052MAERA		AB072MAERA	
Capacity	Cooling	kBtu/h	5.1	7.5	
		kW	1.5	2.2	
Heating		kBtu/h	5.8	8.5	
		kW	1.7	2.5	
Electrical Parameters	Power supply	Ph/V/Hz	1/220-230/50/60	1/220-230/50/60	
	Air flow (H/M/L)	m <sup>3</sup> /h	530/490/450	530/490/450	
Performance	Sound pressure level(H/M/L)	dB(A)	32/29/24	32/29/24	
	Sound power level(H/M/L)	dB(A)	46/43/38	46/43/38	
	External dimensions(W/D/H)	mm	875/505/185	875/505/185	
Installation	Shipping dimensions(W/D/H)	mm	1028/581/270	1028/581/270	
	Net/Shipping weight	kg	15.3/17.9	15.3/17.9	
	Refrigerant liquid pipe	mm	6.35	6.35	
	Refrigerant gas pipe	mm	9.52	9.52	
Panel	Model Name		P1B-1050IB	P1B-1050IB	
	External dimensions(W/D/H)	mm	1050/560/122	1050/560/122	
	Shipping dimensions(W/D/H)	mm	1133/623/197	1133/623/197	
	Net/Shipping weight	kg	5.3/8.3	5.3/8.3	
Controller		/	HW-BA101ABT	HW-BA101ABT	
		/	YR-E16B	YR-E16B	
	Wired(Optional)	/	HW-BA116ABK	HW-BA116ABK	
		/	YR-E17A	YR-E17A	
	Infrared (Optional)	/	YR-HD	YR-HD	

Model/Indoor unit		AB092MAERA		AB122MAERA	
Capacity	Cooling	kBtu/h	9.6	12.3	
		kW	2.8	3.6	
Heating		kBtu/h	10.9	13.6	
		kW	3.2	4	
Electrical Parameters	Power supply	Ph/V/Hz	1/220-230/50/60	1/220-230/50/60	
	Air flow (H/M/L)	m <sup>3</sup> /h	530/490/450	550/530/490	
Performance	Sound pressure level(H/M/L)	dB(A)	32/29/24	34/30/25	
	Sound power level(H/M/L)	dB(A)	46/43/38	48/44/39	
	External dimensions(W/D/H)	mm	875/505/185	875/505/185	
Installation	Shipping dimensions(W/D/H)	mm	1028/581/270	1028/581/270	
	Net/Shipping weight	kg	15.3/17.9	15.3/17.9	
	Refrigerant liquid pipe	mm	6.35	6.35	
	Refrigerant gas pipe	mm	9.52	12.7	
Panel	Model Name		P1B-1050IB	P1B-1050IB	
	External dimensions(W/D/H)	mm	1050/560/122	1050/560/122	
	Shipping dimensions(W/D/H)	mm	1133/623/197	1133/623/197	
	Net/Shipping weight	kg	5.3/8.3	5.3/8.3	
Controller		/	HW-BA101ABT	HW-BA101ABT	
		/	YR-E16B	YR-E16B	
	Wired(Optional)	/	HW-BA116ABK	HW-BA116ABK	
		/	YR-E17A	YR-E17A	
	Infrared (Optional)	/	YR-HD	YR-HD	



# SPECIFICATION



- Compact design: only 220mm height
- Built in high head drain pump
- Ceiling antifouling design unique antifouling design
- Quiet operation

\*1. In case of using YR-HD alone, RE-02 needs to be purchased.  
\*2. HW-BA116ABK, YR-E17A and HW-BA101ABT have built-in infrared signal receiver. YR-E16B no such function



Casette



Convertible



Duct



Built-in Floor Standing



Console

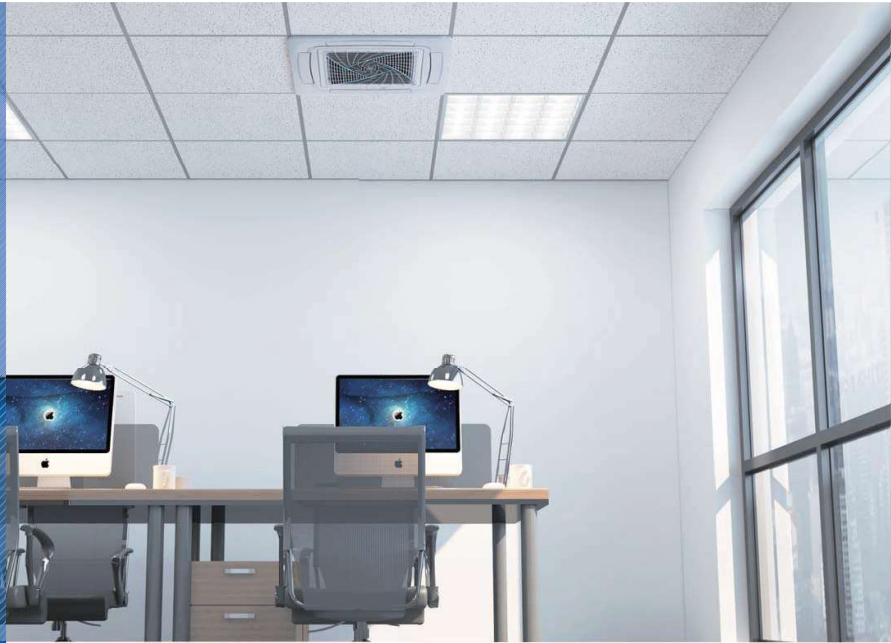


High Wall

Model/Indoor unit		AB072MBERA		AB092MBERA	
Capacity	Cooling	kBtu/h	7.5	9.6	
		kW	2.2	2.8	
Capacity	Heating	Btu/h	8.5	10.9	
		kW	2.5	3.2	
Electrical Parameters	Power supply	Ph/V/Hz	1/220-230/50/60	1/220-230/50/60	
	Air flow (H)	m <sup>3</sup> /h	840/700/550	840/700/550	
	Sound pressure level(H/M/L)	dB(A)	42/37/33	42/37/33	
Performance	Sound power level(H/M/L)	dB(A)	55/50/46	55/50/46	
	External dimensions(W/D/H)	mm	817/620/220	817/620/220	
	Shipping dimensions(W/D/H)	mm	1015/695/260	1015/695/260	
Installation	Net/Shipping weight	kg	21/23	21/23	
	Refrigerant liquid pipe	mm	6.35	6.35	
	Refrigerant gas pipe	mm	9.52	9.52	
	Model name		P2B-1055IB	P2B-1055IB	
Panel	External dimensions(W/D/H)	mm	1055/680/68	1055/680/68	
	Shipping dimensions(W/D/H)	mm	1110/720/160	1110/720/160	
	Net/Shipping weight	kg	7/8	7/8	
	Controller				
Controller	Wired(Optional)	/	HW-BA101ABT	HW-BA101ABT	
		/	YR-E16B	YR-E16B	
		/	HW-BA116ABK	HW-BA116ABK	
		/	YR-E17A	YR-E17A	
	Infrared(Optional)	/	YR-HD	YR-HD	

Model/Indoor unit		AB122MBERA		AB162MBERA		AB182MBERA	
Capacity	Cooling	kBtu/h	12.3	15.4	19.1		
		kW	3.6	4.5	5.6		
Capacity	Heating	Btu/h	13.6	17.1	21.5		
		kW	4	5	6.3		
Electrical Parameters	Power supply	Ph/V/Hz	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60		
	Air flow (H)	m <sup>3</sup> /h	840/700/550	840/700/550	840/700/550		
	Sound pressure level(H/M/L)	dB(A)	42/37/33	44/39/34	44/39/34		
Performance	Sound power level(H/M/L)	dB(A)	55/50/46	57/52/47	57/52/47		
	External dimensions(W/D/H)	mm	817/620/220	817/620/220	817/620/220		
	Shipping dimensions(W/D/H)	mm	1015/695/260	1015/695/260	1015/695/260		
Installation	Net/Shipping weight	kg	21/23	21/23	21/23		
	Refrigerant liquid pipe	mm	6.35	6.35	6.35		
	Refrigerant gas pipe	mm	12.7	12.7	12.7		
	Model name		P2B-1055IB	P2B-1055IB	P2B-1055IB		
Panel	External dimensions(W/D/H)	mm	1055/680/68	1055/680/68	1055/680/68		
	Shipping dimensions(W/D/H)	mm	1110/720/160	1110/720/160	1110/720/160		
	Net/Shipping weight	kg	7/8	7/8	7/8		
	Controller						
Controller	Wired(Optional)	/	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT		
		/	YR-E16B	YR-E16B	YR-E16B		
		/	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK		
		/	YR-E17A	YR-E17A	YR-E17A		
	Infrared(Optional)	/	YR-HD	YR-HD	YR-HD		

# Mini 4-way CASSETTE



# SPECIFICATION



YR-E17A YR-E16B YR-HBS01

- DC fan motor
- Compact design
- New panel design 620\*620mm
- Fresh air outlet
- Low sound level

# Mini 4-way CASSETTE



Cassette



Convertible



Duct



Built-in Floor Standing



Console



High Wall

Model/Indoor unit			AB052MCERA(M)	AB072MCERA(M)	AB092MCERA(M)
Capacity	Cooling	kBtu/h	5.1	7.5	9.5
		kW	1.5	2.2	2.8
Capacity	Heating	kBtu/h	5.8	8.5	10.9
		kW	1.7	2.5	3.2
Electrical Parameters	Power supply	Ph/V/Hz	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60
	Air flow (H/M/L)	m <sup>3</sup> /h	520/450/400	520/450/400	520/450/400
Performance	Sound pressure level(H/M/L)	dB(A)	32/30/29	32/30/29	32/30/29
	Sound power level(H/M/L)	dB(A)	46/44/43	46/44/43	46/44/43
	External dimensions(W/D/H)	mm	570/570/260	570/570/260	570/570/260
Installation	Shipping dimensions(W/D/H)	mm	718/680/380	718/680/380	718/680/380
	Net/Shipping weight	kg	16/19	16/19	16/19
	Refrigerant liquid pipe	mm	6.35	6.35	6.35
	Refrigerant gas pipe	mm	9.52	9.52	9.52
Panel	Model Name		PB-620KB	PB-620KB	PB-620KB
	External dimensions(W/D/H)	mm	620/620/60	620/620/60	620/620/60
	Shipping dimensions(W/D/H)	mm	660/660/115	660/660/115	660/660/115
Controller	Wired(Optional)	/	YR-E16B	YR-E16B	YR-E16B
	Infrared(Optional)	/	YR-E17A	YR-E17A	YR-E17A
		/	YR-HBS01	YR-HBS01	YR-HBS01

Model/Indoor unit			AB122MCERA(M)	AB162MCERA(M)	AB182MCERA(M)
Capacity	Cooling	kBtu/h	12.3	15.3	19.1
		kW	3.6	4.5	5.6
Capacity	Heating	kBtu/h	13.6	17.1	21.5
		kW	4	5	6.3
Electrical Parameters	Power supply	Ph/V/Hz	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60
	Air flow (H/M/L)	m <sup>3</sup> /h	520/450/400	650/520/450	760/650/520
Performance	Sound pressure level(H/M/L)	dB(A)	33/30/29	33/30/29	34/32/30
	Sound power level(H/M/L)	dB(A)	47/44/43	47/44/43	48/46/44
	External dimensions(W/D/H)	mm	570/570/260	570/570/260	570/570/260
Installation	Shipping dimensions(W/D/H)	mm	718/680/380	718/680/380	718/680/380
	Net/Shipping weight	kg	19/22	19/22	19/22
	Refrigerant liquid pipe	mm	6.35	6.35	6.35
	Refrigerant gas pipe	mm	12.7	12.7	12.7
Panel	Model Name		PB-620KB	PB-620KB	PB-620KB
	External dimensions(W/D/H)	mm	620/620/60	620/620/60	620/620/60
	Shipping dimensions(W/D/H)	mm	660/660/115	660/660/115	660/660/115
Controller	Wired(Optional)	/	YR-E16B	YR-E16B	YR-E16B
	Infrared(Optional)	/	YR-E17A	YR-E17A	YR-E17A
		/	YR-HBS01	YR-HBS01	YR-HBS01



# 4-way CASSETTE



# SPECIFICATION



- 700x700mm panel design
- Pre-set fresh air inlet
- Built-in high head drain pump
- Quiet operation

# 4-way CASSETTE



Cassette



Convertible



Duct



Built-in Floor Standing



Console



High Wall

Model/Indoor unit			AB052MCERA	AB072MCERA	AB092MCERA
Capacity	Cooling	kBtu/h	5.1	7.5	9.5
		kW	1.5	2.2	2.8
	Heating	Btu/h	5.8	8.5	10.9
		kW	1.7	2.5	3.2
Electrical Parameters	Power supply	Ph/V/Hz	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60
	Air flow (H)	m <sup>3</sup> /h	650/540/430	700/590/480	700/590/480
	Sound pressure level(H/M/L)	dB(A)	31/29/28	32/30/29	32/30/29
Performance	Sound power level(H/M/L)	dB(A)	45/43/42	46/44/43	46/44/43
	External dimensions(W/D/H)	mm	570/570/260	570/570/260	570/570/260
	Shipping dimensions(W/D/H)	mm	718/680/380	718/680/380	718/680/380
Installation	Net/Shipping weight	kg	16/19	16/19	16/19
	Refrigerant liquid pipe	mm	6.35	6.35	6.35
	Refrigerant gas pipe	mm	9.52	9.52	9.52
	Model name		PB-700IB	PB-700IB	PB-700IB
Panel	External dimensions(W/D/H)	mm	700/700/60	700/700/60	700/700/60
	Shipping dimensions(W/D/H)	mm	740/740/115	740/740/115	740/740/115
	Net/Shipping weight	kg	2.8/4.5	2.8/4.5	2.8/4.5
	Controller		/	HW-BA101ABT	HW-BA101ABT
Wired(Optional)		/	YR-E16B	YR-E16B	YR-E16B
		/	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK
		/	YR-E17A	YR-E17A	YR-E17A
Infrared(Optional)		/	YR-HD	YR-HD	YR-HD

Model/Indoor unit			AB122MCERA	AB162MCERA	AB182MCERA(C)
Capacity	Cooling	kBtu/h	12.3	15.3	19.1
		kW	3.6	4.5	5.6
	Heating	Btu/h	13.6	17.1	21.5
		kW	4	5	6.3
Electrical Parameters	Power supply	Ph/V/Hz	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60
	Air flow (H)	m <sup>3</sup> /h	700/590/480	700/590/480	700/590/480
	Sound pressure level(H/M/L)	dB(A)	32/30/29	33/30/29	33/30/29
Performance	Sound power level(H/M/L)	dB(A)	46/44/43	47/44/43	47/44/43
	External dimensions(W/D/H)	mm	570/570/260	570/570/260	570/570/260
	Shipping dimensions(W/D/H)	mm	718/680/380	718/680/380	718/680/380
Installation	Net/Shipping weight	kg	19/22	19/22	19/22
	Refrigerant liquid pipe	mm	6.35	6.35	6.35
	Refrigerant gas pipe	mm	12.7	12.7	12.7
	Model name		PB-700IB	PB-700IB	PB-700IB
Panel	External dimensions(W/D/H)	mm	700/700/60	700/700/60	700/700/60
	Shipping dimensions(W/D/H)	mm	740/740/115	740/740/115	740/740/115
	Net/Shipping weight	kg	2.8/4.5	2.8/4.5	2.8/4.5
	Controller		/	HW-BA101ABT	HW-BA101ABT
Wired(Optional)		/	YR-E16B	YR-E16B	YR-E16B
		/	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK
		/	YR-E17A	YR-E17A	YR-E17A
Infrared(Optional)		/	YR-HD	YR-HD	YR-HD



# SPECIFICATION



YR-E17A YR-E16B YR-HBS01

- DC fan motor
- Unique round-way air outlet, no blind spot
- Innovative 4 independent air flow control
- 6 adjustable louver positions, 1296 air flow combinations
- Move Eye intelligent system, intelligence all around(optional)

Round Flow 4-way  
CASSETTE



Cassette



Convertible



Duct



Built-in Floor Standing



Console



High Wall

Model/Indoor unit			AB072MRERA	AB092MRERA	AB122MRERA	AB162MRERA	AB182MRERA
Capacity	Cooling	kBtu/h	7.5	9.5	12.3	15.3	19.1
		kW	2.2	2.8	3.6	4.5	5.6
	Heating	Btu/h	8.5	10.9	13.6	17.1	21.5
kW		2.5	3.2	4	5	6.3	
Electrical Parameters	Power supply	PhV/Hz	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60
	Air flow (H)	m <sup>3</sup> /h	1000/810/620	1000/810/620	1000/810/620	1000/810/620	1000/810/620
Performance	Sound pressure level(H/M/L)	dB(A)	30/27/25	30/27/25	30/27/25	32/29/27	33/30/29
	External dimensions(W/D/H)	mm	840/840/183	840/840/183	840/840/183	840/840/183	840/840/183
Installation	Shipping dimensions(W/D/H)	mm	983/983/268	983/983/268	983/983/268	983/983/268	983/983/268
	Net/Shipping weight	kg	25/28	25/28	25/28	25/28	25/28
	Refrigerant liquid pipe	mm	6.35	6.35	6.35	6.35	6.35
	Refrigerant gas pipe	mm	9.52	9.52	12.7	12.7	12.7
	Model name		PB-950KB	PB-950KB	PB-950KB	PB-950KB	PB-950KB
Panel	External dimensions(W/D/H)	mm	950/950/50	950/950/50	950/950/50	950/950/50	950/950/50
	Shipping dimensions(W/D/H)	mm	1013/1025/123	1013/1025/123	1013/1025/123	1013/1025/123	1013/1025/123
	Net/Shipping weight	kg	6.5/9	6.5/9	6.5/9	6.5/9	6.5/9
Controller	Wired(Optional)	/	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A
	Infrared(Optional)	/	YR-E16B	YR-E16B	YR-E16B	YR-E16B	YR-E16B
		/	YR-HBS01	YR-HBS01	YR-HBS01	YR-HBS01	YR-HBS01

Model/Indoor unit			AB242MRERA	AB282MRERA	AB302MRERA	AB382MRERA	AB482MRERA	AB602MRERA
Capacity	Cooling	kBtu/h	24.2	27.3	30.7	38.2	47.7	54.6
		kW	7.1	8	9	11.2	14	16
	Heating	Btu/h	27.3	30.7	34.1	42.6	54.6	61.2
kW		8	9	10	12.5	16	18	
Electrical Parameters	Power supply	PhV/Hz	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60
	Air flow (H)	m <sup>3</sup> /h	1380/1190/1000	1380/1190/1000	2050/1860/1670	2050/1860/1670	2100/1910/1720	2100/1910/1720
Performance	Sound pressure level(H/M/L)	dB(A)	35/34/31	37/35/31	37/35/31	37/35/31	44/40/36	44/40/36
	External dimensions(W/D/H)	mm	840/840/204	840/840/204	840/840/246	840/840/246	840/840/288	840/840/288
Installation	Shipping dimensions(W/D/H)	mm	983/983/290	983/983/290	983/983/331	983/983/331	983/983/373	983/983/373
	Net/Shipping weight	kg	27/30	27/30	31/36	31/36	33/38	33/38
	Refrigerant liquid pipe	mm	9.52	9.52	9.52	9.52	9.52	9.52
	Refrigerant gas pipe	mm	15.88	15.88	15.88	15.88	15.88	15.88
	Model name		PB-950KB	PB-950KB	PB-950KB	PB-950KB	PB-950KB	PB-950KB
Panel	External dimensions(W/D/H)	mm	950/950/50	950/950/50	950/950/50	950/950/50	950/950/50	950/950/50
	Shipping dimensions(W/D/H)	mm	1013/1025/123	1013/1025/123	1013/1025/123	1013/1025/123	1013/1025/123	1013/1025/123
	Net/Shipping weight	kg	6.5/9	6.5/9	6.5/9	6.5/9	6.5/9	6.5/9
Controller	Wired(Optional)	/	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A
	Infrared(Optional)	/	YR-E16B	YR-E16B	YR-E16B	YR-E16B	YR-E16B	YR-E16B
		/	YR-HBS01	YR-HBS01	YR-HBS01	YR-HBS01	YR-HBS01	YR-HBS01

CONVERTIBLE



# SPECIFICATION



- New outlook
- DC fan motor
- Flexible installation, on the floor or on the ceiling
- Automatic horizontal and vertical swing
- Reserved fresh air inlet
- Multiple direction for connection pipe setting



- Cassette
- Convertible
- Duct
- Built-in Floor Standing
- Console
- High Wall

Model/Indoor unit			AC092MDERA	AC122MDERA	AC162MDERA	AC182MDERA
Capacity	Cooling	kBtu/h	9.5	12.3	15.4	19.1
		kW	2.8	3.6	4.5	5.6
Capacity	Heating	Btu/h	10.9	13.6	17.1	21.5
		kW	3.2	4.0	5	6.3
Electrical Parameters	Power supply	Ph/V/Hz	1,220-230.50/60	1,220-230.50/60	1,220-230.50/60	1,220-230.50/60
	Air flow (H)	m <sup>3</sup> /h	820/750/690	820/750/690	950/820/690	950/820/690
Performance	Sound pressure level(H/M/L)	dB(A)	38/36/34	38/36/34	42/38/35	42/38/35
	Sound power level(H/M/L)	dB(A)	52/50/47	52/50/47	55/51/48	55/51/48
	External dimensions(W/D/H)	mm	1000/230/680	1000/230/680	1000/230/680	1000/230/680
Installation	Shipping dimensions(W/D/H)	mm	1100/305/779	1100/305/779	1100/305/779	1100/305/779
	Net/Shipping weight	kg	27.9/33.6	27.9/33.6	27.9/33.6	27.9/33.6
	Refrigerant liquid pipe	mm	6.35	6.35	6.35	6.35
	Refrigerant gas pipe	mm	9.52	12.7	12.7	12.7
	Controller	Wired(Optional)	/	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT
/			YR-E16B	YR-E16B	YR-E16B	YR-E16B
/		HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	
		YR-E17A	YR-E17A	YR-E17A	YR-E17A	
Infrared(Optional)		/	YR-HD	YR-HD	YR-HD	YR-HD
		/	YR-HD	YR-HD	YR-HD	YR-HD

Model/Indoor unit			AC242MDERA	AC282MDERA	AC302MDERA	AC382MDERA	AC482MDERA
Capacity	Cooling	kBtu/h	24.2	27.3	30.7	38.2	48.0
		kW	7.1	8	9	11.2	14.0
Capacity	Heating	Btu/h	27.3	30.7	34.1	42.6	55.0
		kW	8	9	10	12.5	16.0
Electrical Parameters	Power supply	Ph/V/Hz	1,220-230.50/60	1,220-230.50/60	1,220-230.50/60	1,220-230.50/60	1,220-230.50/60
	Air flow (H)	m <sup>3</sup> /h	1420/1270/1240	1570/1420/1240	1570/1420/1240	2110/1990/1750	2110/1990/1750
Performance	Sound pressure level(H/M/L)	dB(A)	46/44/41	47/44/41	47/44/41	50/46/43	50/46/43
	Sound power level(H/M/L)	dB(A)	60/58/54	61/58/54	61/58/55	63/60/57	63/60/57
	External dimensions(W/D/H)	mm	1325/230/680	1325/230/680	1325/230/680	1650/230/680	1650/230/680
Installation	Shipping dimensions(W/D/H)	mm	1425/305/779	1425/305/779	1425/305/779	1750/305/779	1750/305/779
	Net/Shipping weight	kg	35.8/42.1	35.8/42.1	35.8/42.1	43.5/50.5	43.5/50.5
	Refrigerant liquid pipe	mm	9.52	9.52	9.52	9.52	9.52
	Refrigerant gas pipe	mm	15.88	15.88	15.88	15.88	15.88
	Controller	Wired(Optional)	/	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT
/			YR-E16B	YR-E16B	YR-E16B	YR-E16B	YR-E16B
/		HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	
		YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A	
Infrared(Optional)		/	YR-HD	YR-HD	YR-HD	YR-HD	YR-HD
		/	YR-HD	YR-HD	YR-HD	YR-HD	YR-HD



# SPECIFICATION



- DC fan motor
- New design 3D airflow air grille (optional)
- Super slim design, only 185mm
- Reserved fresh air inlet
- Built-in high head drain pump
- Friendly design of rear or bottom air return
- Quiet operation
- Static pressure 0/15/30Pa

\*1. HW-BA116ABK, YR-E17A and HW-BA101ABT have built-in infrared signal receiver. YR-E16B no such function  
 2. The units with panel can directly use the remote controller YR-HD and no need to purchase RE-D2

Low ESP Slim  
**DUCT** (0/15/30Pa)



Low ESP Slim  
**DUCT** (0/15/30Pa)



- Cassette
- Convertible
- Duct
- Built-in Floor Standing
- Console
- High Wall

Model/Indoor unit			AD052MSERA(D)	AD072MSERA(D)	AD092MSERA(D)
Capacity	Cooling	kBtu/h	5.1	7.5	9.5
		kW	1.5	2.2	2.8
Capacity	Heating	kBtu/h	5.8	8.5	10.9
		kW	1.7	2.5	3.2
Electrical Parameters	Power supply	PhV/Hz	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60
	Air flow (H/M/L)	m <sup>3</sup> /h	430/370/310	480/420/360	480/420/360
Performance	Sound pressure level(H/M/L)	dB(A)	26/22/19	27/23/20	27/23/20
	Sound power level(H/M/L)	dB(A)	40/36/33	41/37/34	41/37/34
	External dimensions(W/D/H)	mm	850/420/185	850/420/185	850/420/185
	Shipping dimensions(W/D/H)	mm	1045/540/270	1045/540/270	1045/540/270
Installation	Net/Shipping weight	kg	16.5/21.5	17.5/22.5	17.5/22.5
	Refrigerant liquid pipe	mm	6.35	6.35	6.35
	Refrigerant gas pipe	mm	9.52	9.52	9.52
	Static Pressure(Standard/Max.)	Pa	0/15/30	0/15/30	0/15/30
Panel	Panel model	/	P1B-890IA/D	P1B-890IA/D	P1B-890IA/D
	External dimensions(W/D/H)	mm	890/190/100 (outlet panel)	890/190/100 (outlet panel)	890/190/100 (outlet panel)
	External dimensions(W/D/H)	mm	890/290.5/32.4 (inlet panel)	890/290.5/32.4 (inlet panel)	890/290.5/32.4 (inlet panel)
	Shipping dimensions(W/D/H)	mm	938/335/220	938/335/220	938/335/220
Drain pump	Net/Shipping weight	Kg	4/5	4/5	4/5
	O-optional,S-standard,W-without		S	S	S
Controller	Wired(Optional)	/	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT
		/	YR-E16B	YR-E16B	YR-E16B
		/	YR-E17A	YR-E17A	YR-E17A
	Infrared(Optional)	/	YR-HD	YR-HD	YR-HD

Model/Indoor unit			AD122MSERA(D)	AD162MSERA(D)	AD182MSERA(D)	AD242MSERA(D)
Capacity	Cooling	kBtu/h	12.3	15.3	19.1	24.2
		kW	3.6	4.5	5.6	7.1
Capacity	Heating	kBtu/h	13.6	17.1	21.5	27.3
		kW	4	5	6.3	8
Electrical Parameters	Power supply	PhV/Hz	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60
	Air flow (H/M/L)	m <sup>3</sup> /h	550/430/370	600/540/460	800/690/580	930/850/750
Performance	Sound pressure level(H/M/L)	dB(A)	30/27/24	32/29/26	33/30/27	36/33/30
	Sound power level(H/M/L)	dB(A)	44/41/38	46/43/40	47/44/41	50/47/43
	External dimensions(W/D/H)	mm	850/420/185	850/420/185	1170/420/185	1170/420/185
	Shipping dimensions(W/D/H)	mm	1045/540/270	1045/540/270	1365/540/270	1365/540/270
Installation	Net/Shipping weight	kg	17.5/22.5	18.5/23.5	22.2/28.2	24/30
	Refrigerant liquid pipe	mm	6.35	6.35	6.35	9.52
	Refrigerant gas pipe	mm	12.7	12.7	12.7	15.88
	Static Pressure(Standard/Max.)	Pa	0/15/30	0/15/30	0/15/30	0/15/30
Panel	Panel model	/	P1B-890IA/D	P1B-890IA/D	P1B-1210IA/D	P1B-1210IA/D
	External dimensions(W/D/H)	mm	890/190/100 (outlet panel)	890/190/100 (outlet panel)	1210/190/100 (outlet panel)	1210/190/100 (outlet panel)
	External dimensions(W/D/H)	mm	890/290.5/32.4 (inlet panel)	890/290.5/32.4 (inlet panel)	1210/290.5/32.4 (inlet panel)	1210/290.5/32.4 (inlet panel)
	Shipping dimensions(W/D/H)	mm	938/335/220	938/335/220	1258/335/220	1258/335/220
Drain pump	Net/Shipping weight	Kg	4/5	4/5	5/6	5/6
	O-optional,S-standard,W-without		S	S	S	S
Controller	Wired(Optional)	/	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT
		/	YR-E16B	YR-E16B	YR-E16B	YR-E16B
		/	YR-E17A	YR-E17A	YR-E17A	YR-E17A
	Infrared(Optional)	/	YR-HD	YR-HD	YR-HD	YR-HD



Low ESP Slim  
**DUCT** (0/30Pa)



# SPECIFICATION



HW-BA116ABK YR-E17A HW-BA101ABT YR-E16B YR-HD

- Static pressure 0/30Pa
- Super slim design, only 185mm
- Reserved fresh air inlet
- Built-in high head drain pump
- Friendly design of rear or bottom air return
- Quiet operation

\*1. HW-BA116ABK/YR-E17A and HW-BA101ABT have built-in infrared signal receiver. YR-E16B no such function  
2. The units with panel can directly use the remote controller YR-HD and no need to purchase RE-02

Low ESP Slim  
**DUCT** (0/30Pa)



Cassetta



Convertible



Duct



Built-in Floor Standing



Console



High Wall

Model/Indoor unit			AD052MSERA	AD072MSERA	AD092MSERA
Capacity	Cooling	kBtu/h	5.1	7.5	9.5
		kW	1.5	2.2	2.8
	Heating	kBtu/h	5.8	8.5	10.9
		kW	1.7	2.5	3.2
Electrical Parameters	Power supply	PhV/Hz	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60
	Air flow (H/M/L)	m <sup>3</sup> /h	430/370/310	480/420/360	480/420/360
Performance	Sound pressure level(H/M/L)	dB(A)	26/23/20	27/24/21	27/24/21
	Sound power level(H/M/L)	dB(A)	40/37/34	41/38/35	41/38/35
	External dimensions(W/D/H)	mm	850/420/185	850/420/185	850/420/185
	Shipping dimensions(W/D/H)	mm	1045/540/270	1045/540/270	1045/540/270
Installation	Net/Shipping weight	kg	16.5/21.5	17.5/22.5	17.5/22.5
	Refrigerant liquid pipe	mm	6.35	6.35	6.35
	Refrigerant gas pipe	mm	9.52	9.52	9.52
	Static Pressure(Standard/Max.)	Pa	0/30	0/30	0/30
Panel	Panel model	/	P1B-890IA/D	P1B-890IA/D	P1B-890IA/D
	External dimensions(W/D/H)	mm	890/190/100 (outlet panel)	890/190/100 (outlet panel)	890/190/100 (outlet panel)
	External dimensions(W/D/H)	mm	890/290.5/32.4 (inlet panel)	890/290.5/32.4 (inlet panel)	890/290.5/32.4 (inlet panel)
	Shipping dimensions(W/D/H)	mm	938/335/220	938/335/220	938/335/220
Drain pump	Net/Shipping weight	Kg	4/5	4/5	4/5
	O - optional/S - standard/W - without		S	S	S
Controller	Wired(Optional)	/	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT
		/	YR-E16B	YR-E16B	YR-E16B
		/	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK
		/	YR-E17A	YR-E17A	YR-E17A
	Infrared (Optional)	/	YR-HD	YR-HD	YR-HD

Model/Indoor unit			AD122MSERA	AD162MSERA	AD182MSERA	AD242MSERA
Capacity	Cooling	kBtu/h	12.3	15.3	19.1	24.2
		kW	3.6	4.5	5.6	7.1
	Heating	kBtu/h	13.6	17.1	21.5	27.3
		kW	4	5	6.3	8
Electrical Parameters	Power supply	PhV/Hz	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60
	Air flow (H/M/L)	m <sup>3</sup> /h	550/430/370	600/540/460	800/690/580	930/850/750
Performance	Sound pressure level(H/M/L)	dB(A)	30/28/25	33/30/27	33/30/28	36/33/31
	Sound power level(H/M/L)	dB(A)	44/42/39	47/44/41	47/44/42	50/47/44
	External dimensions(W/D/H)	mm	850/420/185	850/420/185	1170/420/185	1170/420/185
	Shipping dimensions(W/D/H)	mm	1045/540/270	1045/540/270	1365/540/270	1365/540/270
Installation	Net/Shipping weight	kg	17.5/22.5	18.5/23.5	22.2/28.2	24/30
	Refrigerant liquid pipe	mm	6.35	6.35	6.35	9.52
	Refrigerant gas pipe	mm	12.7	12.7	12.7	15.88
	Static Pressure(Standard/Max.)	Pa	0/30	0/30	0/30	0/30
Panel	Panel model	/	P1B-890IA/D	P1B-890IA/D	P1B-1210IA/D	P1B-1210IA/D
	External dimensions(W/D/H)	mm	890/190/100 (outlet panel)	890/190/100 (outlet panel)	1210/190/100 (outlet panel)	1210/190/100 (outlet panel)
	External dimensions(W/D/H)	mm	890/290.5/32.4 (inlet panel)	890/290.5/32.4 (inlet panel)	1210/290.5/32.4 (inlet panel)	1210/290.5/32.4 (inlet panel)
	Shipping dimensions(W/D/H)	mm	938/335/220	938/335/220	1258/335/220	1258/335/220
Drain pump	Net/Shipping weight	Kg	4/5	4/5	5/6	5/6
	O - optional/S - standard/W - without		S	S	S	S
Controller	Wired(Optional)	/	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT
		/	YR-E16B	YR-E16B	YR-E16B	YR-E16B
		/	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK
		/	YR-E17A	YR-E17A	YR-E17A	YR-E17A
	Infrared (Optional)	/	YR-HD	YR-HD	YR-HD	YR-HD



# SPECIFICATION



HW-BA116ABK YR-E17A HW-BA101ABT YR-E16B YR-HD

- 5-54K
- All module can realize 50/60Hz
- Only 248mm thick
- Built-in drain pump
- 50/100Pa

\*1. HW-BA116ABK, YR-E17A and HW-BA101ABT have built-in infrared signal receiver. YR-E16B no such function



Model/Indoor unit			AD052MJERAB	AD072MJERAB	AD092MJERAB	AD122MJERAB	AD162MJERAB
Capacity	Cooling	kBtu/h	5.1	7.5	9.5	12.3	15.3
		kW	1.5	2.2	2.8	3.6	4.5
	Heating	Btu/h	5.8	8.5	10.9	13.6	17.1
		kW	1.7	2.5	3.2	4	5
Electrical Parameters	Power supply	PhV/Hz	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60
Performance	Air flow (H)	m <sup>3</sup> /h	630/510/424	630/510/424	630/510/424	630/510/424	740/550/442
	Sound pressure level(H/M/L)	dB(A)	35/33/31	35/33/31	35/33/31	35/33/31	35/33/31
	Sound power level(H/M/L)	dB(A)	39/37/35	39/37/35	39/37/35	39/37/35	39/37/35
Installation	External dimensions(W/D/H)	mm	700/700/248	700/700/248	700/700/248	700/700/248	700/700/248
	Shipping dimensions(W/D/H)	mm	932/835/280	932/835/280	932/835/280	932/835/280	932/835/280
	Net/Shipping weight	kg	27/32	27/32	27/32	27/32	28.5/33.5
	Refrigerant liquid pipe	mm	6.35	6.35	6.35	6.35	6.35
	Refrigerant gas pipe	mm	9.52	9.52	9.52	12.7	12.7
Drain pump	Static Pressure(Standard/Max.)	Pa	50/100	50/100	50/100	50/100	50/100
Controller	O-optional/S-standard/W-without		S	S	S	S	S
	Wired(Optional)	/	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT
		/	YR-E16B	YR-E16B	YR-E16B	YR-E16B	YR-E16B
		/	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A
		/	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK
		/	YR-HD	YR-HD	YR-HD	YR-HD	YR-HD
Infrared(Optional)	/	YR-HD	YR-HD	YR-HD	YR-HD	YR-HD	

Model/Indoor unit			AD182MJERAB	AD242MJERAB	AD282MJERAB	AD302MJERA	AD382MJERA	AD482MJERA	AD542MJERA
Capacity	Cooling	kBtu/h	19.1	24.2	27.3	30.7	38.2	47.8	54.6
		kW	5.6	7.1	8	9	11.2	14	16
	Heating	Btu/h	21.5	27.3	30.7	34.1	44.4	55.6	61.4
		kW	6.3	8	9	10	13	16.3	18
Electrical Parameters	Power supply	PhV/Hz	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60	
Performance	Air flow (H)	m <sup>3</sup> /h	980/840/760	1174/1080/960	1174/1080/960	1500/1180/930	1700/1300/900	2000/1700/1250	2000/1700/1250
	Sound pressure level(H/M/L)	dB(A)	36/34/32	40/37/34	42/38/34	42/38/34	42/39/35	43/40/35	43/40/35
	Sound power level(H/M/L)	dB(A)	40/38/36	44/41/38	46/42/38	46/42/38	46/33/39	47/44/39	47/44/39
Installation	External dimensions(W/D/H)	mm	1100/700/248	1100/700/248	1100/700/248	1100/700/248	1500/700/248	1500/700/248	1500/700/248
	Shipping dimensions(W/D/H)	mm	1332/835/280	1332/835/280	1332/835/280	1332/835/280	1698/857/305	1698/857/305	1698/857/305
	Net/Shipping weight	kg	36.8/43.5	37/43.4	37/43.6	39.4/45.4	48.3/56.5	51.3/59.5	51.3/59.5
	Refrigerant liquid pipe	mm	6.35	9.52	9.52	9.52	9.52	9.52	9.52
	Refrigerant gas pipe	mm	12.7	15.88	15.88	15.88	15.88	15.88	15.88
Drain pump	Static Pressure(Standard/Max.)	Pa	50/100	50/100	50/100	50/100	50/100	50/100	
Controller	O-optional/S-standard/W-without		S	S	S	S	S	S	S
	Wired(Optional)	/	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT
		/	YR-E16B	YR-E16B	YR-E16B	YR-E16B	YR-E16B	YR-E16B	YR-E16B
		/	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A
		/	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK
		/	YR-HD	YR-HD	YR-HD	YR-HD	YR-HD	YR-HD	YR-HD
Infrared(Optional)	/	YR-HD	YR-HD	YR-HD	YR-HD	YR-HD	YR-HD		



# SPECIFICATION



HW-BA116ABK YR-E17A HW-BA101ABT YR-E16B YR-HD

- DC fan motor
- 5-54K
- All module can realize 50/60Hz
- Only 248mm thick
- Built-in drain pump
- 60/200Pa

\*1. HW-BA116ABK, YR-E17A and HW-BA101ABT have built-in infrared signal receiver. YR-E16B no such function



**NEW**



Cassette



Convertible



Duct



Built-in Floor Standing



Console



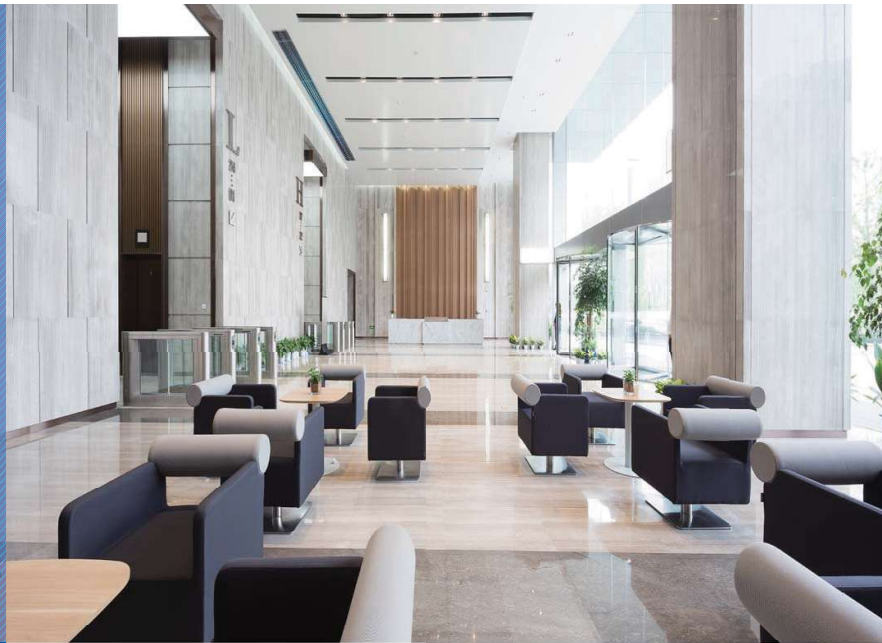
High Wall

Model/Indoor unit			AD52MJERAD	AD72MJERAD	AD92MJERAD	AD122MJERAD	AD162MJERAD
Capacity	Cooling	HP	0.5	0.8	1.0	1.25	1.7
		kBtu/h	5.1	7.5	9.6	12.3	15.3
	Heating	kW	1.5	2.2	2.8	3.6	4.5
		kBtu/h	5.8	8.5	10.9	13.7	17
Electrical Parameters	Power supply	Ph/V/Hz	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60
	Net Product	mm	700/700/248	700/700/248	700/700/248	700/700/248	700/700/248
Dimensions	Shipping Product	mm	932/835/280	932/835/280	932/835/280	932/835/280	932/835/280
	Product Net/Shipping	kg	27/32	27/32	27/32	27/32	28.5/33.5
Fan	Static Pressure(Standard/Max)	Pa	20/200	20/200	20/200	20/200	20/200
	Air flow (H/M/L)	m <sup>3</sup> /h	515/440/390	545/470/390	545/470/390	570/495/420	700/625/550
Sound level	Sound pressure level(H/M/L)	dB(A)	29/27/25	30/28/25	30/28/25	31/29/27	32/30/28
	Sound power level(H/M/L)	dB(A)	41/39/37	42/40/37	42/40/37	43/41/39	44/42/40
Piping	Refrigerant liquid pipe	mm	6.35	6.35	6.35	6.35	6.35
	Refrigerant gas pipe	mm	9.52	9.52	9.52	12.7	12.7
Drain pump	O-optional, S-standard, N-not	/	S	S	S	S	S
Controller	Wired(Optional)	/	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A
		/	YR-E16B	YR-E16B	YR-E16B	YR-E16B	YR-E16B
	Infrared(Optional)	/	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK
		/	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT
	Infrared(Optional)	/	YR-HD	YR-HD	YR-HD	YR-HD	YR-HD
		/	YR-HD	YR-HD	YR-HD	YR-HD	YR-HD

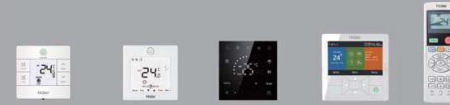
Model/Indoor unit			AD182MJERAD	AD242MJERAD	AD282MJERAD	AD302MJERAD	AD382MJERAD	AD482MJERAD	AD542MJERAD
Capacity	Cooling	HP	2	2.5	3.0	3.2	4.0	5.0	6.0
		kBtu/h	19.1	24.2	27.3	30.7	38.2	47.8	54.6
	Heating	kW	5.6	7.1	8	9	11.2	14	16
		kBtu/h	21.5	27.3	30.7	34.1	44.4	55.6	61.4
Electrical Parameters	Power supply	Ph/V/Hz	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60
	Net Product	mm	700/700/248	1100/700/248	1100/700/248	1100/700/248	1500/700/248	1500/700/248	1500/700/248
Dimensions	Shipping Product	mm	932/835/280	1332/835/280	1332/835/280	1332/835/280	1698/857/305	1698/857/305	1698/857/305
	Product Net/Shipping	kg	27/32	36.8/43.4	36.8/43.4	39.4/45.4	48.3/56.5	51.3/59.5	51.3/59.5
Fan	Static Pressure(Standard/Max)	Pa	20/200	20/200	20/200	20/180	20/180	20/180	20/180
	Air flow (H/M/L)	m <sup>3</sup> /h	515/440/390	1275/1050/875	1275/1050/875	1450/1200/1000	2000/1700/1400	2150/1750/1400	2350/1950/1600
Sound level	Sound pressure level(H/M/L)	dB(A)	29/27/25	34/31/29	35/33/30	36/33/30	38/35/32	40/36/32	42/38/34
	Sound power level(H/M/L)	dB(A)	41/39/37	46/43/41	47/45/42	48/45/42	50/47/44	52/48/44	54/50/46
Piping	Refrigerant liquid pipe	mm	6.35	9.52	9.52	9.52	9.52	9.52	9.52
	Refrigerant gas pipe	mm	9.52	15.88	15.88	15.88	15.88	15.88	15.88
Drain pump	O-optional, S-standard, N-not	/	S	S	S	S	S	S	
Controller	Wired(Optional)	/	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A
		/	YR-E16B	YR-E16B	YR-E16B	YR-E16B	YR-E16B	YR-E16B	YR-E16B
	Infrared(Optional)	/	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK
		/	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT
	Infrared(Optional)	/	YR-HD	YR-HD	YR-HD	YR-HD	YR-HD	YR-HD	YR-HD
		/	YR-HD	YR-HD	YR-HD	YR-HD	YR-HD	YR-HD	YR-HD



High ESP  
**DUCT**<sup>(100/196Pa)</sup>



# SPECIFICATION



HW-BA116ABK YR-E17A HW-BA101ABT YR-E16B YR-HD

- Flexible duct connection
- Variable static pressure 100/196Pa setting

\*1. HW-BA116ABK, YR-E17A and HW-BA101ABT have built-in infrared signal receiver. YR-E16B no such function

High ESP  
**DUCT**<sup>(100/196Pa)</sup>



Cassette



Convertible



Duct



Built-in Floor Standing



Console



High Wall

Model/Indoor unit			AD182MHERA	AD242MHERA	AD282MHERA
Capacity	Cooling	kBtu/h	19.1	24.2	27.3
		kW	5.6	7.1	8
Capacity	Heating	Btu/h	21.5	27.3	30.75
		kW	6.3	8	9
Electrical Parameters	Power supply	Ph/V/Hz	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60
	Air flow (H)	m <sup>3</sup> /h	1500/1357/1089	1500/1357/1089	1500/1357/1089
Performance	Sound pressure level(H/M/L)	dB(A)	42/40/38	42/40/38	42/40/38
	Sound power level(H/M/L)	dB(A)	55/53/51	55/53/51	55/53/51
	External dimensions(W/D/H)	mm	975/906/360	975/906/360	975/906/360
Installation	Shipping dimensions(W/D/H)	mm	1048/943/413	1048/943/413	1048/943/413
	Net/Shipping weight	kg	54/62	54/62	54/62
	Refrigerant liquid pipe	mm	6.35	9.52	9.52
	Refrigerant gas pipe	mm	12.7	15.88	15.88
	Static Pressure(Standard/Max.)	Pa	100/196	100/196	100/196
Drain pump	O-optional.S-standard.W-without		W	W	W
Controller	Wired(Optional)	/	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT
		/	YR-E16B	YR-E16B	YR-E16B
	Infrared(Optional)	/	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK
		/	YR-E17A	YR-E17A	YR-E17A
		/	YR-HD	YR-HD	YR-HD

Model/Indoor unit			AD302MHERA	AD382MHERA	AD482MHERA	AD722MHERA	AD962MHERA
Capacity	Cooling	kBtu/h	30.7	38.2	47.8	77.1	95.6
		kW	9	11.2	14	22.6	28
Capacity	Heating	Btu/h	34.1	42.6	54.6	85.3	105.8
		kW	10	12.5	16	25	31
Electrical Parameters	Power supply	Ph/V/Hz	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60
	Air flow (H)	m <sup>3</sup> /h	1560/1412/1133	1600/1448/1162	2100/1901/1525	4050/3255/2612	4050/3255/2612
Performance	Sound pressure level(H/M/L)	dB(A)	45/43/40	45/43/40	45/43/40	54/51/49	54/51/49
	Sound power level(H/M/L)	dB(A)	58/53/50	58/53/50	58/53/50	67/62/59	67/62/59
	External dimensions(W/D/H)	mm	1355/876/360	1355/876/360	1355/876/360	1725/876/360	1725/876/360
Installation	Shipping dimensions(W/D/H)	mm	1378/938/405	1378/938/405	1378/938/405	1830/990/530	1830/990/530
	Net/Shipping weight	kg	66/74	66/74	66/74	100/112	100/112
	Refrigerant liquid pipe	mm	9.52	9.52	9.52	9.52	9.52
	Refrigerant gas pipe	mm	15.88	15.88	15.88	25.4	25.4
	Static Pressure(Standard/Max.)	Pa	100/196	100/196	100/196	100/196	100/196
Drain pump	O-optional.S-standard.W-without		W	W	W	W	W
Controller	Wired(Optional)	/	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT
		/	YR-E16B	YR-E16B	YR-E16B	YR-E16B	YR-E16B
	Infrared(Optional)	/	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK
		/	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A
		/	YR-HD	YR-HD	YR-HD	YR-HD	YR-HD



BUILT-IN FLOOR STANDING



# SPECIFICATION



HW-BA116ABK YR-E17A HW-BA101ABT YR-E16B YR-HD

- Require very little installation space: only 220mm
- Good solution for installation beneath a window
- High efficiency filter fitted as standard

BUILT-IN FLOOR STANDING



Cassetta



Convertible



Duct



Built-in Floor Standing



Console



High Wall

Model/Indoor unit			AE072MLERA	AE092MLERA	AE122MLERA
Capacity	Cooling	kBtu/h	7.5	9.5	12.3
		kW	2.2	2.8	3.6
Capacity	Heating	Btu/h	8.5	10.9	13.6
		kW	2.5	3.2	4
Electrical Parameters	Power supply	Ph/V/Hz	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60
	Air flow (H)	m <sup>3</sup> /h	750/650/550	750/650/550	750/650/550
Performance	Sound pressure level(H/M/L)	dB(A)	38/35/33	38/35/33	40/37/35
	Sound power level(H/M/L)	dB(A)	51/48/46	51/48/46	53/50/48
Installation	External dimensions(W/D/H)	mm	1116/221/624	1116/221/624	1116/221/624
	Shipping dimensions(W/D/H)	mm	1198/295/707	1198/295/707	1198/295/707
	Net/Shipping weight	kg	29/37	29/37	29/37
	Refrigerant liquid pipe	mm	6.35	6.35	6.35
	Refrigerant gas pipe	mm	9.52	9.52	12.7
	Static Pressure	Pa	0/30	0/30	0/30
Controller	Wired(Optional)	/	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT
		/	YR-E16B	YR-E16B	YR-E16B
	/	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	
	/	YR-E17A	YR-E17A	YR-E17A	
	Infrared (Optional)	/	YR-HD	YR-HD	YR-HD

Model/Indoor unit			AE162MLERA	AE182MLERA	AE242MLERA
Capacity	Cooling	kBtu/h	15.3	19.1	24.2
		kW	4.5	5.6	7.1
Capacity	Heating	Btu/h	17.1	21.5	27.3
		kW	5	6.3	8
Electrical Parameters	Power supply	Ph/V/Hz	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60
	Air flow (H)	m <sup>3</sup> /h	950/830/720	950/830/720	950/830/720
Performance	Sound pressure level(H/M/L)	dB(A)	40/37/35	42/39/36	42/39/36
	Sound power level(H/M/L)	dB(A)	53/50/48	55/52/49	55/52/49
Installation	External dimensions(W/D/H)	mm	1116/221/624	1116/221/624	1116/221/624
	Shipping dimensions(W/D/H)	mm	1198/295/707	1198/295/707	1198/295/707
	Net/Shipping weight	kg	31/39	31/39	31/39
	Refrigerant liquid pipe	mm	6.35	6.35	9.52
	Refrigerant gas pipe	mm	12.7	12.7	15.88
	Static Pressure	Pa	0/30	0/30	0/30
Controller	Wired(Optional)	/	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT
		/	YR-E16B	YR-E16B	YR-E16B
	/	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	
	/	YR-E17A	YR-E17A	YR-E17A	
	Infrared (Optional)	/	YR-HD	YR-HD	YR-HD



## SPECIFICATION



YR-E17A YR-HD

- DC fan motor
- Air discharge through top and bottom
- Compact design & small space occupation
- Quiet operation



- Cassette
- Convertible
- Duct
- Built-in Floor Standing
- Console
- High Wall

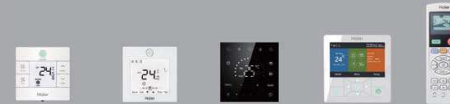
Model/Indoor unit			AF052MBERA	AF072MBERA	AF092MBERA
Capacity	Cooling	kBtu/h	5.1	7.5	9.5
		kW	1.5	2.2	2.8
	Heating	Btu/h	5.8	8.5	10.9
kW		1.7	2.6	3.2	
Electrical Parameters	Power supply	PhV/Hz	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60
Performance	Air flow (H)	m <sup>3</sup> /h	540/460/390/310/270	540/460/390/310/270	540/460/390/310/270
	Sound pressure level(H/M/L)	dB(A)	45/42/38/33/30	45/42/38/33/30	45/42/38/33/30
	External dimensions(W/D/H)	mm	700/210/600	700/210/600	700/210/600
Installation	Shipping dimensions(W/D/H)	mm	783/303/695	783/303/695	783/303/695
	Net/Shipping weight	kg	15.2/18.7	15.2/18.7	15.2/18.7
	Refrigerant liquid pipe	mm	6.35	6.35	6.35
	Refrigerant gas pipe	mm	12.7	12.7	12.7
Controller	Wired(Optional)	/	YR-E17A	YR-E17A	YR-E17A
	Infrared(Optional)	/	YR-HD	YR-HD	YR-HD

Model/Indoor unit			AF122MBERA	AF162MBERA	AF182MBERA
Capacity	Cooling	kBtu/h	12.3	15.3	17
		kW	3.6	4.5	5
	Heating	Btu/h	13.6	17	18.5
kW		4	5	5.5	
Electrical Parameters	Power supply	PhV/Hz	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60
Performance	Air flow (H)	m <sup>3</sup> /h	580/500/420/350/270	620/540/460/390/270	620/540/460/390/270
	Sound pressure level(H/M/L)	dB(A)	47/44/40/36/30	48/45/42/38/30	48/45/42/38/30
	External dimensions(W/D/H)	mm	700/210/600	700/210/600	700/210/600
Installation	Shipping dimensions(W/D/H)	mm	783/303/695	783/303/695	783/303/695
	Net/Shipping weight	kg	15.2/18.7	15.2/18.7	15.2/18.7
	Refrigerant liquid pipe	mm	6.35	6.35	6.35
	Refrigerant gas pipe	mm	12.7	12.7	12.7
Controller	Wired(Optional)	/	YR-E17A	YR-E17A	YR-E17A
	Infrared(Optional)	/	YR-HD	YR-HD	YR-HD

# N High WALL



# SPECIFICATION



HW-BA116ABK YR-E17A HW-BA101ABT YR-E16B YR-HD

- DC fan motor
- Stylish design & LED display
- Built in EEV, easy to installation
- Negative ion, vitamin C, and ESF filter optional

# N High WALL



Model/Indoor unit			AS052MNERAB AS052MFERAB	AS072MNERAB AS072MFERAB	AS092MNERAB AS092MFERAB	AS122MNERAB AS122MFERAB
Capacity	Cooling	kBtu/h	5.1	7.5	9.5	12.3
		kW	1.5	2.2	2.8	3.6
Capacity	Heating	Btu/h	5.8	8.5	10.9	13.6
		kW	1.7	2.5	3.2	4
Electrical Parameters	Power supply	Ph/V/Hz	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60
	Air flow (H)	m³/h	500/430/370	550/480/420	600/530/470	630/560/500
Performance	Sound pressure level(H/M/L)	dB(A)	36/33/30	37/34/30	38/35/30	40/36/34
	Sound power level(H/M/L)	dB(A)	52/47/42	53/48/42	54/49/44	55/52/50
Installation	External dimensions(W/D/H)	mm	855/208/280	855/208/280	855/208/280	855/208/280
	Shipping dimensions(W/D/H)	mm	954/279/355	954/279/355	954/279/355	954/279/355
	Net/Shipping weight	kg	9.9/12	9.9/12	9.9/12	9.9/12
	Refrigerant liquid pipe	mm	6.35	6.35	6.35	6.35
	Refrigerant gas pipe	mm	9.52	9.52	9.52	12.7
Controller	Wired(Optional)	/	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT
		/	YR-E16B	YR-E16B	YR-E16B	YR-E16B
	Infrared(Optional)	/	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK
		/	YR-E17A	YR-E17A	YR-E17A	YR-E17A
		/	YR-HD	YR-HD	YR-HD	YR-HD

Model/Indoor unit			AS162MNERA AS162MFERA	AS182MNERA AS182MFERA	AS242MNERA AS242MFERA	AS282MNERA	AS302MNERA
Capacity	Cooling	kBtu/h	15.3	19.1	24.2	27.3	30.7
		kW	4.5	5.6	7.1	8	9
Capacity	Heating	Btu/h	17.1	21.5	27.3	30.7	34.1
		kW	5	6.3	8	9	10
Electrical Parameters	Power supply	Ph/V/Hz	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60
	Air flow (H)	m³/h	800/720/650	920/800/720	1010/920/800	1500/1400/1300	1600/1500/1400
Performance	Sound pressure level(H/M/L)	dB(A)	39/36/35	40/39/35	44/40/36	48/43/40	49/44/41
	Sound power level(H/M/L)	dB(A)	56/53/52	57/54/52	58/56/54	60/57/53	61/58/54
Installation	External dimensions(W/D/H)	mm	1115/243/336	1115/243/336	1115/243/336	1316/270/365	1316/270/365
	Shipping dimensions(W/D/H)	mm	1206/342/418	1206/342/418	1206/342/418	1403/384/463	1403/384/463
	Net/Shipping weight	kg	15.8/18.9	15.8/18.9	15.8/18.9	21.8/26.3	21.8/26.3
	Refrigerant liquid pipe	mm	6.35	6.35	9.52	9.52	9.52
	Refrigerant gas pipe	mm	12.7	12.7	15.88	15.88	15.88
Controller	Wired(Optional)	/	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT	HW-BA101ABT
		/	YR-E16B	YR-E16B	YR-E16B	YR-E16B	YR-E16B
	Infrared(Optional)	/	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK	HW-BA116ABK
		/	YR-E17A	YR-E17A	YR-E17A	YR-E17A	YR-E17A
		/	YR-HD	YR-HD	YR-HD	YR-HD	YR-HD



# VRF *INDOOR* Ventilation





# SPECIFICATION



HW-BA116ABK YR-E17A HW-BA101ABT YR-E16B

- Variable static pressure 100~200Pa setting
- Install with other indoor units together, and introduce the outdoor fresh air into indoor

Fresh Air  
**DUCT**



Fresh Air  
**DUCT**



Model/Indoor unit		AD482MPERA	
Capacity	Cooling	kBtu/h	47.7
		kW	14
	Heating	Btu/h	30.4
		kW	8.9
Electrical Parameters	Power supply	Ph/V/Hz	1/220-230/50/60
	Air flow (H)	m <sup>3</sup> /h	1600/1460/1070
	Sound pressure level(H/M/L)	dB(A)	48/47/42
	Sound power level(H/M/L)	dB(A)	61/60/56
Performance	External dimensions(W/D/H)	mm	1355/876/360
	Shipping dimensions(W/D/H)	mm	1386/966/418
	Net/Shipping weight	kg	69/74
	Refrigerant liquid pipe	mm	9.52
	Refrigerant gas pipe	mm	15.88
	Static Pressure(Standard/Max.)	Pa	100/185
Installation		/	YR-E16A
		/	YR-E16B
		/	HW-BA116ABK
		/	HW-BA116ABK
		/	YR-E17A
Controller	Wired (Optional)	/	YR-E16A
		/	YR-E16B
		/	HW-BA116ABK
		/	HW-BA116ABK
		/	YR-E17A

Model/Indoor unit		AD722MPERA		AD962MPERA	
Capacity	Cooling	kBtu/h	77.1		95.5
		kW	22.6		28
	Heating	Btu/h	51.8		60.8
		kW	15.2		17.8
Electrical Parameters	Power supply	Ph/V/Hz	1/220-230/50/60		1/220-230/50/60
	Air flow (H)	m <sup>3</sup> /h	2300/1900/1320		2800/2400/1820
	Sound pressure level(H/M/L)	dB(A)	55/53/50		55/54/52
	Sound power level(H/M/L)	dB(A)	68/65/60		68/66/62
Performance	External dimensions(W/D/H)	mm	1725/876/360		1725/876/360
	Shipping dimensions(W/D/H)	mm	1830/990/530		1830/990/530
	Net/Shipping weight	kg	100/127		101/128
	Refrigerant liquid pipe	mm	9.52		9.52
	Refrigerant gas pipe	mm	25.4		25.4
	Static Pressure(Standard/Max.)	Pa	100/200		100/200
Installation		/	YR-E16A		YR-E16A
		/	YR-E16B		YR-E16B
		/	HW-BA116ABK		HW-BA116ABK
		/	HW-BA116ABK		HW-BA116ABK
		/	YR-E17A		YR-E17A
Controller	Wired (Optional)	/	YR-E16A		YR-E16A
		/	YR-E16B		YR-E16B
		/	HW-BA116ABK		HW-BA116ABK
		/	HW-BA116ABK		HW-BA116ABK
		/	YR-E17A		YR-E17A



HRV



Fresh Air Duct

# SPECIFICATION



W9301

- Be controlled with other indoor units together
- Efficient heat recovery air processing
- Heat recovery media element



Model/Indoor unit			ERV0150ANW	ERV0260ANW
Electrical	Power supply	Ph/V/Hz	1/220-240/50/60	1/220-240/50/60
	Rated power input	W	135	165
	Rated current	A	0.65	0.79
Enthalpy exchange effectiveness	Cooling condition		58%	57%
	Heating condition		65%	65%
Performance	Air flow (H/M/L)	m <sup>3</sup> /h	150/110/70	250/200/160
	Sound pressure level (H/M/L)	dB(A)	38/35/30	40/38/35
	Sound power level (H/L)	dB(A)	48/45/40	50/48/45
Installation	External dimensions(W/D/H)	mm	750/530/240	750/530/270
	Shipping dimensions(W/D/H)	mm	955/575/305	955/575/335
	Net weight/Shipping weight	kg	26/28	30/32
	Static Pressure	Pa	80	80
Controller	Wired (Standard)	/	W9301	W9301

Model/Indoor unit			ERV0500ANW	ERV0800ANW	ERV1000ANW
Electrical	Power supply	Ph/V/Hz	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60
	Rated power input	W	280	360	420
	Rated current	A	1.34	1.72	2.01
Enthalpy exchange effectiveness	Cooling condition		61%	68%	61%
	Heating condition		68%	72%	65%
Performance	Air flow (H/M/L)	m <sup>3</sup> /h	500/430/375	800/680/600	1000/810/730
	Sound pressure level (H/M/L)	dB(A)	45/42/40	48/46/43	50/48/45
	Sound power level (H/L)	dB(A)	55/52/50	58/58/53	60/58/55
Installation	External dimensions(W/D/H)	mm	1000/710/270	1200/940/324	1250/935/350
	Shipping dimensions(W/D/H)	mm	1205/755/335	1405/985/389	1455/980/415
	Net weight/Shipping weight	kg	40/42	55/59	56/60
	Static Pressure	Pa	100	100	100
Controller	Wired (Standard)	/	W9301	W9301	W9301



HRV



Fresh Air Duct