



HOGEN

Starting a new begin

AirConditioner
2014



Who will tell whether one
happy moment of love or the joy
of breathing or walking on a bright
morning and smelling the fresh
air, is not worth all the suffering
and effort which life implies.

Erich Fromm



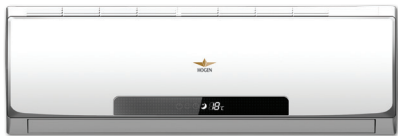
WALL SPLIT & FLOOR STAND TYPES



SHE - RA
R22 Cooling & Heating System



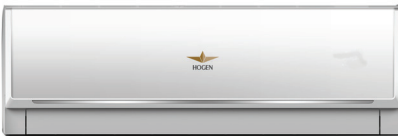
PREMIUM SERIES
R410 Cooling & Heating System



MELON SERIES
R22 Cooling & Heating System



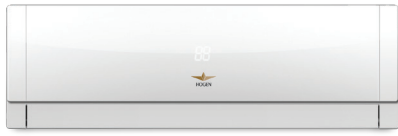
ELIT SERIES
R410 Cooling & Heating System



VOIS SERIES
R22 Cooling & Heating System



TALO SERIES
R22 Cooling & Heating System



SHIDO SERIES
R22 Cooling & Heating System



Floor Stand
ALFS-C100

FEATURES

24-hour Timer
تایمر ۲۴ ساعت



Fresh Air Intake
خروجی هوای تازه



Anti-Cold-Air (Heat Pump Only)
مقاوم در برابر یخ زدگی



Low Ambient Cooling
خنک کننده ملایم محیط



Anti-sand Fin
فن مخصوص جهت جلوگیری از ورود گرد و غبار



Washable Filter
فیلتر قابل شستشو



Self-diagnosis Function
عملکرد تشخیص خودکار



Auto Restart
سیستم شروع مجدد خودکار



Sleep Mode
حالت خواب



Intelligent Defrosting
یخ زدایی هوشمند



Golden Hydrophilic Aluminum Fin
پره آلومینیومی هیدروفیلیک طلایی



Wide Operating Temperature Rang
دامنه وسیع از دمای تحت کنترل



Stand . Split

"Close your eyes and turn your face into the wind"





- دارای روکش فین اواپراتور و کندانسور مقاوم در مقابل خوردگی
- مجهز به سیستم Auto Restart
- تایمر ۲۴ ساعت
- مجهز به دکمه ifavor جهت به خاطر سپردن تنظیمات دلخواه شما
- سیستم پاکیزگی خودکار پنل داخلی
- میرد ۲۲ با راندمان بالا
- کمپرسور روتاری پرقدرت

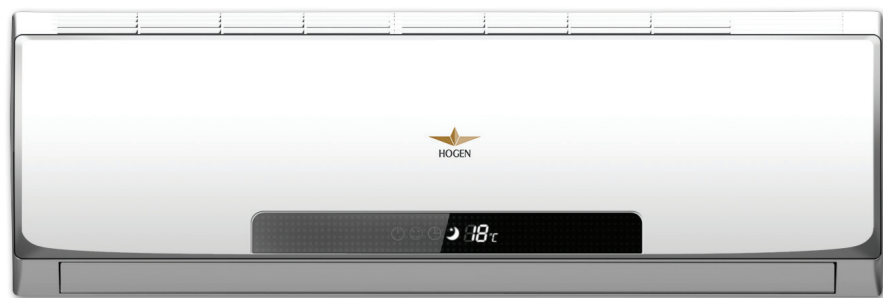


SHE-RA Series

R22 Cooling & Heating System

Type			7000BTU	9000BTU	12000BTU	18000BTU
Capacity			“	“	“	“
Cooling Capacity	Btu/h		7200	9000	12000	18000
	W		2110	2638	3517	5275
Heating Capacity	Btu/h		7600	9800	13000	20000
	W		2227	2872	3810	5862
Electrical			“	“	“	“
Rated Input	Cooling	W	680	845	1130	1910
	Heating	W	687	910	1190	1920
Rated Current	Cooling	A	3.02	3.75	5.02	8.48
	Heating	A	3.05	4.05	5.28	8.53
Performance			“	“	“	“
EER	W/W		3.1	3.12	3.11	2.76
COP	W/W		3.2	3.15	3.2	3.05
Air Flow Volume (Indoor)	m3/h		450	450	540	950
Noise Level	Indoor(L/M/H)	dB(A)	37/32/30	37/32/30	38/33/31	45/40/38
	Outdoor	dB(A)	49	51	51	53
Net Dimension & Weight			“	“	“	“
WxHxD	Indoor	mm	802x265x190	802x265x190	802x265x190	940x300x220
	Outdoor	mm	600x490x250	600x490x250	760x540x260	800x590x300
Net Weight (Indoor/Outdoor)	Kg		9.5/25	9.5/30	11.5/36	14/42
Packing Dimension & Gross Weight			“	“	“	“
WxHxD	Indoor	mm	860x325x255	860x325x255	993x360x285	1420x440x380
	Outdoor	mm	730x560x370	730x560x370	880x600x370	940x650x420
Gross Weight (Indoor/Outdoor)	Kg		11/28	11/33	11/39	16/45
Applicable Area & Loading Quantity			“	“	“	“
Applicable Area	m2		8~15	10~20	13~27	20~40
Loading Quantity	20/40/40H		126/255/305	126/255/305	109/220/265	80/163/185

Type			24000BTU	30000BTU	36000BTU
Capacity			“	“	“
Cooling Capacity	Btu/h		24000	30000	35000
	W		7034	8792	10258
Heating Capacity	Btu/h		26400	32000	38000
	W		7737	9379	11137
Electrical			“	“	“
Rated Input	Cooling	W	2655	3395	4050
	Heating	W	2620	3540	4200
Rated Current	Cooling	A	11.77	15.06	18
	Heating	A	11.64	15.7	18.6
Performance			“	“	“
EER	W/W		2.65	2.59	2.65
COP	W/W		2.95	2.65	2.65
Air Flow Volume (Indoor)	m3/h		1150	1250	1250
Noise Level	Indoor(L/M/H)	dB(A)	47/42/40	51/46/44	51/46/44
	Outdoor	dB(A)	54	56	56
Net Dimension & Weight			“	“	“
WxHxD	Indoor	mm	1080x300x220	1185x322x235	940x300x220
	Outdoor	mm	800x690x300	902x795x332	800x690x300
Net Weight (Indoor/Outdoor)	Kg		15/51	22/65	15/45
Packing Dimension & Gross Weight			“	“	“
WxHxD	Indoor	mm	1136x360x285	1300x440x380	993x360x285
	Outdoor	mm	940x750x420	1030x860x430	940x750x420
Gross Weight (Indoor/Outdoor)	Kg		17/54	24/77	13/39
Applicable Area & Loading Quantity			“	“	“
Applicable Area	m2		30~55	40~67	50~75
Loading Quantity	20/40/40H		70/135/156	45/94/118	40/87/94



MELON Series

R22 Cooling & Heating System

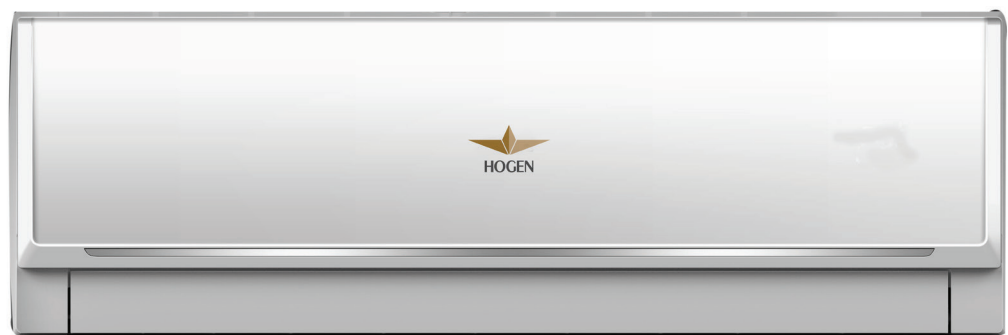
Type			7000BTU	9000BTU	12000BTU	30000BTU	36000BTU
Capacity							
Cooling Capacity	Btu/h		7500	9000	12000	30000	35000
	W		2198	2638	3517	8792	10258
Heating Capacity	Btu/h		7000	9000	12000	32000	38000
	W		2052	2638	3517	9379	11137
Electrical							
Rated Input	Cooling	W	670	800	1050	3400	4100
	Heating	W	650	800	1060	3500	4400
Rated Current	Cooling	A	3.0	3.6	4.8	15.08	18.12
	Heating	A	3.0	3.6	4.8	15.53	19.52
Performance							
EER		W/W	3.28	3.30	3.35	2.59	2.50
COP		W/W	3.16	3.30	3.32	2.68	2.53
Air Flow Volume (Indoor)		m3/h	450	540	700	1000	1250
Noise Level	Indoor(L/M/H)	dB(A)	30/32/37	31/33/38	32/34/39	47/42/40	51/46/44
	Outdoor	dB(A)	51	51	51	54	56
Net Dimension&Weight							
WxHxD	Indoor	mm	802x265x190	802x265x190	880x203x286	940x232x300	1310x240x322
	Outdoor	mm	760x540x260	760x540x260	760x540x260	800x300x690	902x332x795
Net Weight (Indoor/Outdoor)		Kg	9.5/26	9.5/28	11.5/30	14/48	19/53
Packing Dimension&Gross Weight							
WxHxD	Indoor	mm	860x325x255	860x325x255	935x270x350	993x285x360	1300x380x440
	Outdoor	mm	880x600x370	880x600x370	880x600x370	940x420x750	940x420x750
Gross Weight (Indoor/Outdoor)		Kg	11/29	11/31	13/33	16/51	21/57
Applicable Area&Stuffing Quantity							
Applicable Area		m2	8-15	10-20	13-27	20-40	30-55
Stuffing Quantity		20." /40." /40."H	109/220/265	109/220/265	106/214/255	69/141/163	59/120/136

PREMIUM Series

R410 Cooling & Heating System

- کمپرسور اینورتر جهت کاهش مصرف انرژی

Type			9000BTU	12000BTU	18000BTU	24000BTU
Capacity			"	"	"	"
Cooling Capacity	Btu/h		9000	12000	18000	24000
	W		2700	3550	5300	7000
Heating Capacity	Btu/h		9600	12000	19500	26000
	W		2800	3500	5620	7300
Electrical			"	"	"	"
Rated Input	Cooling	W	840	1105	1655	2325
	Heating	W	766	1010	1557	2275
Rated Current	Cooling	A	3.66	4.81	7.20	10.1
	Heating	A	3.37	4.40	6.77	9.89
Performance			"	"	"	"
EER		W/W	3.21	3.21	3.21	3.01
COP		W/W	3.61	3.61	3.11	3.21
Air Flow Volume (Indoor)		m3/h	450	56	950	1150
Noise Level	Indoor(L/M/H)	dB(A)	36/34/32	39/34/32	45/40/38	47/42/40
	Outdoor	dB(A)	50	51	53	54
Net Dimension & Weight			"	"	"	"
WxHxD	Indoor	mm	802x200x265	802x200x265	880x200x286	880x200x286
	Outdoor	mm	600x250x490	760x260x540	760x260x540	800x300x590
Net Weight (Indoor/Outdoor)		Kg	9.5/30	11.5/34	14/42	15/53
Packing Dimension & Gross Weight			"	"	"	"
WxHxD	Indoor	mm	900x295x360	900x295x360	975x300x390	975x300x390
	Outdoor	mm	730x370x560	880x370x600	880x370x600	940x420x650
Gross Weight (Indoor/Outdoor)		Kg	11/32	13/37	16/45	17/57
Applicable Area & Gross Weight			"	"	"	"
Applicable Area		m2	10-20	13-27	20-40	30-55
Stuffing Quantity		20." /40." /40."H	109/220/265	105/204/255	80/163/185	70/135/156



VOIS Series R410 Cooling & Heating System

- مجهز به دکمه ifavor جهت حفظ تنظیمات دلخواه
- خروجی آب دوطرفه

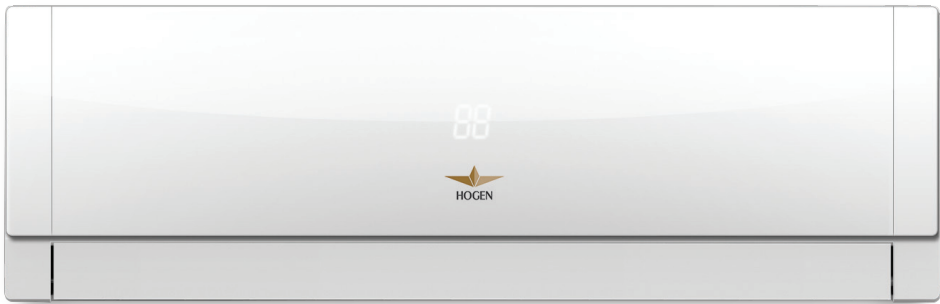
Type			7000BTU	9000BTU	12000BTU	18000BTU
Capacity			“	“	“	“
Cooling Capacity	Btu/h		7200	9000	12000	18000
	W		2110	2638	3517	5275
Heating Capacity	Btu/h		7600	9800	13000	20000
	W		2227	2872	3810	5862
Electrical			“	“	“	“
Rated Input	Cooling	W	680	845	1130	1910
	Heating	W	687	910	1190	1920
Rated Current	Cooling	A	3.02	3.75	5.02	8.48
	Heating	A	3.05	4.05	5.28	8.53
Performance			“	“	“	“
EER		W/W	3.1	3.12	3.11	2.76
COP		W/W	3.24	3.15	3.2	3.05
Air Flow Volume (Indoor)		m3/h	450	540	560	700
Noise Level	Indoor(L/M/H)	dB(A)	36/32/30	37/33/31	37/33/31	38/34/32
	Outdoor	dB(A)	49	51	51	53
Net Dimension & Weight			“	“	“	“
WxHxD	Indoor	mm	802x200x265	802x200x265	880x200x286	880x200x286
	Outdoor	mm	600x250x490	760x260x540	760x260x540	800x300x590
Net Weight (Indoor/Outdoor)		Kg	10/25	10/30	11.5/36	11.5/42
Packing Dimension & Gross Weight			“	“	“	“
WxHxD	Indoor	mm	900x295x360	900x295x360	975x300x390	975x300x390
	Outdoor	mm	730x370x560	880x370x600	880x370x600	940x420x650
Gross Weight (Indoor/Outdoor)		Kg	11.5/28	11.5/33	13/39	13/45
Applicable Area & Gross Weight			“	“	“	“
Applicable Area		m2	8~15	10~20	13~27	20~40
Stuffing Quantity		20.° /40.° /40.°H	128/255/305	102/217/260	99/195/250	88/180/210



ELIT Series (R22 & 410) R410 Cooling & Heating System

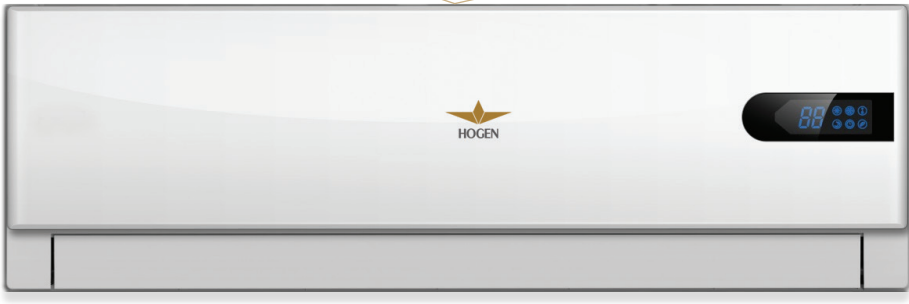
- کمپرسور اینورتر جهت کاهش مصرف انرژی

Type			9000BTU	12000BTU	18000BTU	30000BTU	36000BTU
Capacity			“	“	“	“	“
Cooling Capacity	Btu/h		12000	18000	24000	30000	35000
	W		3517	5275	7034	8792	10258
Heating Capacity	Btu/h		13000	20000	26400	32000	38000
	W		3810	5862	7737	9379	11137
Electrical			“	“	“	“	“
Rated Input	Cooling	W	1330	2000	2650	3400	4100
	Heating	W	1350	2000	2750	3500	4400
Rated Current	Cooling	A	5.90	8.87	11.76	15.08	18.12
	Heating	A	5.99	8.87	12.20	15.53	19.52
Performance			“	“	“	“	“
EER		W/W	2.65	2.64	2.65	2.59	2.50
COP		W/W	2.82	2.93	2.81	2.68	2.53
Air Flow Volume (Indoor)		m3/h	500	850	1000	1000	1250
Noise Level	Indoor(L/M/H)	dB(A)	38/33/31	46/40/38	47/42/40	47/42/40	51/46/44
	Outdoor	dB(A)	51	53	54	54	56
Net Dimension&Weight			“	“	“	“	“
WxHxD	Indoor	mm	745x210x250	1095x205x12	1095x205x12	1095x205x12	1310x240x322
	Outdoor	mm	760x260x540	800x300x590	800x300x690	800x300x690	902x332x795
Net Weight (Indoor/Outdoor)		Kg	9.5/37	15/44	16/53	17/55	22/74
Packing Dimension&Gross Weight			“	“	“	“	“
WxHxD	Indoor	mm	900x295x360	900x295x360	975x300x390	975x300x390	975x300x390
	Outdoor	mm	730x370x560	880x370x600	880x370x600	940x420x650	940x420x650
Gross Weight (Indoor/Outdoor)		Kg	11/38	17/54	18/55	19/57	24/77
Applicable Area&Stuffing Quantity			“	“	“	“	“
Applicable Area		m2	13-27	20-40	30-55	40-67	50-75
Stuffing Quantity		20.° /40.° /40.°H	115/230/265	75/150/185	70/140/170	70/140/170	45/90/112



SHIDO Series
R22 Cooling & Heating System

Type			9000BTU	12000BTU
Capacity			“	“
Cooling Capacity		Btu/h	9000	12000
		W	2638	3517
Heating Capacity		Btu/h	9900	13000
		W	2902	3810
Electrical			“	“
Rated Input	Cooling	W	930	1250
	Heating	W	1010	1345
Rated Current	Cooling	A	4.2	5.7
	Heating	A	4.6	6.1
Performance			“	“
EER		W/W	2.84	2.81
COP		W/W	2.87	2.83
Air Flow Volume (Indoor)		m3/h	540	560
Noise Level	Indoor(L/M/H)	dB(A)	30/32/36	31/33/38
	Outdoor	dB(A)	51	51
Net Dimension & Weight			“	“
W×H×D	Indoor	mm	802x200x265	880x200x286
	Outdoor	mm	760x260x540	760x540x260
Net Weight (Indoor/Outdoor)		Kg	9.5/32	11.5/38
Packing Dimension & Gross Weight			“	“
W×H×D	Indoor	mm	900x360x295	975x300x390
	Outdoor	mm	880x600x370	880x370x600
Gross Weight (Indoor/Outdoor)		Kg	11/36	11/38
Applicable Area & Gross Weight			“	“
Applicable Area		m2	10-20	13-27
Stuffing Quantity		20.” /40.”/40.”H	105/220/265	99/195/255



TALO Series
R22 Cooling & Heating System

Type			12000BTU	18000BTU	22000BTU
Capacity			“	“	“
Cooling Capacity	Btu/h		12000	18000	22000
	W		3500	5300	6300
Heating Capacity	Btu/h		“	“	“
	W		“	“	“
Electrical			“	“	“
Rated Input	Cooling	W	1151	1720	2058
	Heating	W	“	“	“
Rated Current	Cooling	A	5	8.1	9.5
	Heating	A	“	“	“
Performance			“	“	“
EER		W/W	3.04	3.08	3.06
COP		W/W	“	“	“
Air Flow Volume (Indoor)		m3/h	720	950	1150
Noise Level	Indoor(L/M/H)	dB(A)	39/34/32	45/40/38	47/42/40
	Outdoor	dB(A)	51	52	54
Net Dimension & Weight			“	“	“
WxHxD	Indoor	mm	880x208x280	940x232x300	1080x232x300
	Outdoor	mm	760x260x540	790x277x548	800x300x690
Net Weight (Indoor/Outdoor)		Kg	11.5/32	14/45	15/52
Packing Dimension & Gross Weight			“	“	“
WxHxD	Indoor	mm	935x270x350	993x285x360	1136x285x360
	Outdoor	mm	880x370x600	910x385x600	940x420x750
Gross Weight (Indoor/Outdoor)		Kg	13/35	16/49	17/56
Applicable Area & Gross Weight			“	“	“
Applicable Area		m2	13-27	20-40	30-50
Loading Quantity		20/40/40H	105/204/255	90/182/210	70/135/156



Floor Standing
R22 50Hz

- مجهز به دکمه قفل تنظیمات
- پرتاب باد قوی

Model	Indoor	„	ALFS-C100/5	ALFS-H100/5
	Outdoor	„	AL-C100/5(FS)	AL-H100/5(FS)
Capacity	Cooling	Btu/h	100000	100000
		kW	27.1	27.1
	Heating	Btu/h	/	101500
		kW	/	29.8
Electric Data	Power Supply	V~,Hz,Ph	380~415,50,3	380~415,50,3
	Cooling Power Input	kW	9.75	9.75
	Heating Power Input	kW	/	11.23
	Cooling Current	A	16.46	16.46
	Heating Current	A	/	18.96
Performance	EER	„	2.78	2.78
	COP	„	/	2.65
Indoor	Net Dimension	mm	1200x360x1850	1200x360x1850
	Packing Dimension	mm	1270x430x2000	1270x430x2000
	Net Weight	kg	110	120
	Gross Weight	kg	125	135
	Air Flow Volume (Hi/Mid/Low)	m ³ /h	3800	3800
	Noise Level (Hi/Mid/Low)	dB(A)	60	60
Outdoor	Net Dimension	mm	1350x600x1450	1350x600x1450
	Packing Dimension	mm	1550x740x1650	1550x740x1650
	Net Weight	kg	195	200
	Gross Weight	kg	220	225
	Noise level	dB(A)	65	65
Piping	Liquid Side	mm	9.52x2	9.52x2
	Gas Side	mm	19.05x2	19.05x2
	Max. Length	m	50	50
	Max. Height	m	20	20
Stuffing Quantity	20/40/40H	set	7/16/18	7/16/18

Commercial Series

"A breeze came wandering from the sky, Light
as the whispers of a dream."

COMMERCIAL SERIES



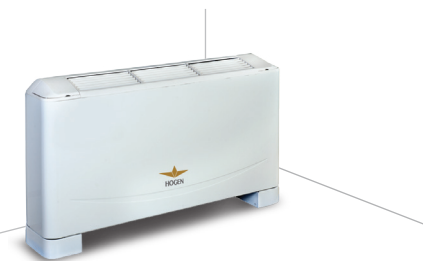
DUCT



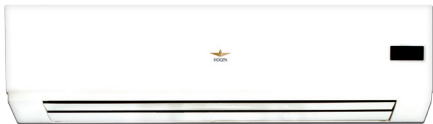
CASSETE



CASSETE



FAN COIL



WALL FAN COIL



CHILER



MINI CHILER

FEATURES

24-hour Timer
تایمر ۲۴ ساعت



Fresh Air Intake
خروجی هوای تازه



Anti-Cold-Air (Heat Pump Only)
مقاوم در برابر یخ زدگی



Low Ambient Cooling
خنک کننده ملایم محیط



Anti-sand Fin
فن مخصوص جهت جلوگیری از ورود گرد و غبار



Washable Filter
فیلتر قابل شستشو



Self-diagnosis Function
عملکرد تشخیص خودکار



Auto Restart
سیستم شروع مجدد خودکار



Sleep Mode
حالت خواب



Intelligent Defrosting
یخ زدایی هوشمند



Golden Hydrophilic Aluminum Fin
پره آلومینیومی هیدروفیلیک طلایی



Wide Operating Temperature Rang
دامنه وسیع از دمای تحت کنترل





CASSET

1-Way Cassete Fan Coil Unit

Model		AFC-200C1/4	AFC-300C1/4	AFC-400C1/4	AFC-500C1/4
Air Volume	CFM	200/165/106	300/224/153	400/303/200	500/388/253
	m3/h	340/280/180	510/380/260	680/515/340	850/660/430
Cooling Capacity					
Hi Speed	W	1800	2700	3600	4500
Medium Speed	W	1500	2460	3000	3715
Low Speed	W	1390	2057	2479	2920
Heating Capacity					
Hi Speed	W	2700	4050	5400	6750
Medium Speed	W	1950	2770	3935	4900
Low Speed	W	1290	1774	2800	3505
Noise Level	dB(A)	≤37	≤39	≤41	≤43
Fan Motor					
Fan Quantity	„	1	1	1	1
Motor Quantity	„	1	1	1	1
Power Input	W	37	52	62	76
Water Flow Volume	m3/h	0.31	0.46	0.62	0.77
Hydraulic Resistance	kPa	10.8	10.8	20	20
Max.Working pressure	MPa	1.6	1.6	1.6	1.6
Dimension (WxDxH)					
Net (Body)	mm	850x400x235	850x400x235	850x400x235	850x400x235
Packing (Body)	mm	1040x478x310	1040x478x310	1040x478x310	1040x478x310
Net (Panel)	mm	1040x470x18	1040x470x18	1040x470x18	1040x470x18
Packing (Panel)	mm	1055x515x175	1055x515x175	1055x515x175	1055x515x175
Weight					
Net/Gross(Body)	kg	22/26	22/26	23/27	23/27
Net/Gross(Panel)	kg	4/6	4/6	4/6	4/6
Inlet/Outlet Water Pipe	„	Rc3/4" (DN20)			
Drain Pipe	„	R3/4" (DN20)			
StuffingQuantity(20/40/40H)	„	113/227/274	113/227/274	113/227/274	113/227/274



"feel a hug from the universe in every breeze"



- راندمان بالا در مصرف انرژی High efficient energy saving

- Excellent system design, selection of the core components, the perfect combination of technology and technological innovation. Innovative 3D spiral wind leaf, reduced
- the air power's consumption and noise, making the supply air more quiet and smoothly



- طراحی قسمتی مبدل حرارت 6-segment heating exchanger design

- Compact structure.
- Innovative exchanger design enlarges the heat exchanging area.
- Heat exchanging efficiency increased by 10% to 15%.



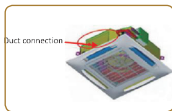
- پمپ تخلیه توکار Built-in water drainage pump

- The built-in pump can lift condensing water up to 800mm high from the drainage pan.



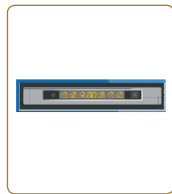
- مکش هوای تازه Fresh air intake

- Fresh air makes indoor air quality healthy and comfortable.



- کانال اتصال Duct conection

- Air duct can be connected from the 4 sides to nearby rooms.



- زیبایی پنل Digital tube display

- Digital tube displays all contents: indoor temperature, set temperature, the mode of operation, etc.
- Clearly to check the running status more convenient for troubleshooting.
- Four step motors
- Each guide the wind blade is controlled by an independent of step motor driver, which made guide blades swing flexible.

- صفحه نمایش لوله Decoration panel

- Decoration panel has been treated with dirt-repellant coating.



CASSET

4-Way Cassete Fan Coil Unit

Model		AFC-800CA/4	AFC-1000CA/4	AFC-1200CA/4	AFC-1400CA/4
Air Volume	CFM	300/225/150	400/300/200	500/375/250	600/450/300
	m3/h	510/382/255	680/510/340	850/638/425	1020/765/510
Cooling Capacity					
Hi Speed	W	2712	3618	4514	5406
Medium Speed	W	2305	3075	3837	4595
Low Speed	W	1763	2352	2934	3514
Heating Capacity					
Hi Speed	W	4070	5418	6767	8115
Medium Speed	W	3460	4605	5752	6898
Low Speed	W	2464	3522	4399	5275
Noise Level	dB(A)	≤39	≤40	≤42	≤44
Fan Motor					
Fan Quantity	..	1	1	1	1
Motor Quantity	..	1	1	1	1
Power Input	W	50	57	67	90
Water Flow Volume	m3/h	0.62	0.7	0.94	1.15
Hydraulic Resistance	kPa	26	27	29	31
Max.Working pressure	MPa	1.6	1.6	1.6	1.6
Dimension (WxDxH)					
Net (Body)	mm	615x615x263	615x615x263	615x615x263	835x835x240
Packing (Body)	mm	700x700x330	700x700x330	700x700x330	910x910x320
Net (Panel)	mm	650x650x55	650x650x55	650x650x55	950x950x55
Packing (Panel)	mm	710x710x80	710x710x80	710x710x80	1000x1000x100
Weight					
Net/Gross(Body)	kg	18/22	18/22	19/23	23/27
Net/Gross(Panel)	kg	3/5	3/5	3/5	5/7
Inlet/Outlet Water Pipe	..	Rc3/4" (DN20)			
Drain Pipe	..	R3/4" (DN20)			
StuffingQuantity(20/40/40H)	..	140/299/345	140/299/345	140/299/345	77/164/175



- برنامه ای کامل و گسترده
- کیفیت فوق العاده
- راندمان انتقال حرارت بالا
- انتخاب آزاد برای لوله اتصال مستقیم
- پلنوم برگشت هوا استاندارد و فیلتر
- ترموستات انتخابی (اختیاری)

FAN COIL

Model		AFC-300CA/2	AFC-400CA/2	AFC-500CA/2	AFC-600CA /2
Air Volume	CFM	800/600/400	1000/750/500	1200/900/600	1400/1050/700
	m3/h	1360/1020/680	1700/1275/850	2040/1530/1020	2380/1785/1190
Cooling Capacity					
Hi Speed	W	7210	9018	10810	12611
Medium Speed	W	6129	7665	9189	10719
Low Speed	W	4687	5862	7027	8197
Heating Capacity					
Hi Speed	W	10807	13512	16205	18901
Medium Speed	W	9186	11485	13774	16066
Low Speed	W	7025	8783	10553	12286
Noise Level	dB(A)	≤45	≤48	≤50	≤51
Fan Motor					
Fan Quantity	..	1	1	1	1
Motor Quantity	..	1	1	1	1
Power Input	W	131	145	186	225
Water Flow Volume	m3/h	1.4	1.68	1.82	2.25
Hydraulic Resistance	kPa	34	36	39	42
Max.Working pressure	MPa	1.6	1.6	1.6	1.6
Dimension (WxDxH)					
Net (Body)	mm	835x835x240	835x835x280	835x835x280	835x835x280
Packing (Body)	mm	910x910x320	910x910x360	910x910x360	910x910x360
Net (Panel)	mm	950x950x55	950x950x55	950x950x55	950x950x55
Packing (Panel)	mm	710x710x80	710x710x80	710x710x80	1000x1000x100
Weight					
Net/Gross(Body)	kg	24/28	27/30	28/31	28/31
Net/Gross(Panel)	kg	5/7	5/7	5/7	5/7
Inlet/Outlet Water Pipe	..	Rc3/4" (DN20)			
Drain Pipe	..	R3/4" (DN20)			
StuffingQuantity(20/40/40H)	..	77/164/175	77/164/175	77/164/175	77/164/175

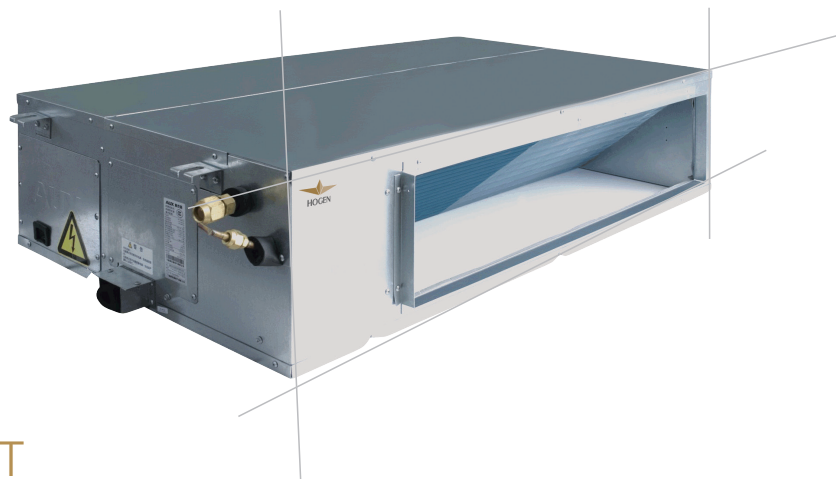
Model		AFC-300CA/4	AFC-400CA/4	AFC-500CA/4	AFC-600CA /4
Air Volume	CFM	300/225/150	400/300/200	500/375/250	600/450/300
	m3/h	510/382/255	680/510/340	850/638/425	1020/765/510
Cooling Capacity					
Hi Speed	W	2712	3618	4514	5406
Medium Speed	W	2305	3075	3837	4595
Low Speed	W	1763	2352	2934	3514
Heating Capacity					
Hi Speed	W	4070	5418	6767	8115
Medium Speed	W	3460	4605	5752	6898
Low Speed	W	2464	3522	4399	5275
Noise Level	dB(A)	≤39	≤40	≤42	≤44
Fan Motor					
Fan Quantity	..	1	1	1	1
Motor Quantity	..	1	1	1	1
Power Input	W	50	57	67	90
Water Flow Volume	m3/h	0.62	0.7	1.94	1.15
Hydraulic Resistance	kPa	26	27	29	31
Max.Working pressure	MPa	1.6	1.6	1.6	1.6
Dimension (WxDxH)					
Net (Body)	mm	615x615x263	615x615x263	615x615x263	615x615x240
Packing (Body)	mm	700x700x330	700x700x330	700x700x330	910x910x320
Net (Panel)	mm	650x650x55	650x650x55	650x650x55	950x950x55
Packing (Panel)	mm	710x710x80	710x710x80	710x710x80	1000x1000x100
Weight					
Net/Gross(Body)	kg	20/21.5	20/21.5	20/21.5	24/26.5
Net/Gross(Panel)	kg	3/5	3/5	3/5	5/7
Inlet/Outlet Water Pipe	..	Rc3/4" (DN20)			
Drain Pipe	..	R3/4" (DN20)			
StuffingQuantity(20/40/40H)	..	140/299/345	140/299/345	140/299/345	77/164/175



WALL FAN COIL

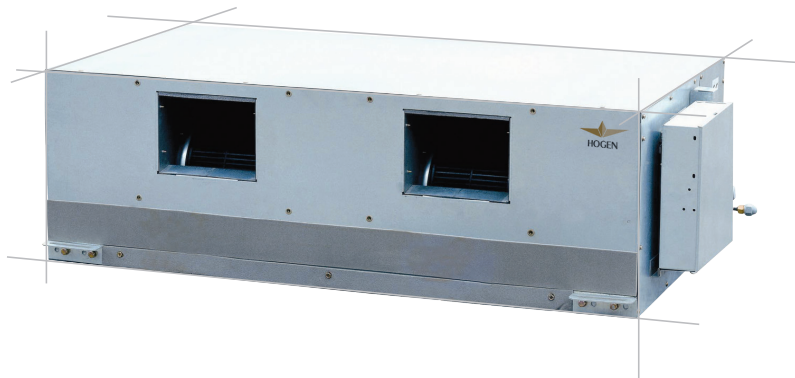
Model		AFC-200CM/4 (SF)	AFC-300CM/4 (SF)	AFC-400CM/4 (SF)	AFC-500CM/4 (SF)	AFC-600CM/4 (SF)	AFC-700CM/4 (SF)
Air Volume	CFM	200/150/100	300/225/150	400/300/200	500/375/250	600/450/300	800/600/400
	m3/h	340/255/170	510/383/255	680/510/340	850/638/425	1020/765/510	1360/1020/680
Cooling Capacity							
Hi Speed	W	1808	2712	3618	4514	5406	7210
Medium Speed	W	1537	2305	3075	3837	4595	6129
Low Speed	W	1175	1763	2352	2934	3514	4687
Heating Capacity							
Hi Speed	W	2709	4070	5418	6767	8155	10807
Medium Speed	W	2303	3460	4605	5752	6898	9186
Low Speed	W	1761	2646	3522	4399	5275	7025
Noise Level	dB(A)	≤39	≤42	≤46	≤49	≤49	≤51
Fan Motor							
Fan Quantity	..	1	1	1	1	1	1
Motor Quantity	..	1	1	1	1	1	1
Power Input	W	33	41	50	55	62	137
Water Flow Volume	m3/h	350	610	800	950	1080	1390
Hydraulic Resistance	kPa	10	12	20	37	39	28
Max.Working pressure	MPa	1.6	1.6	1.6	1.6	1.6	1.6
Dimension (WxDxH)							
Net	mm	880x286x203	880x286x203	1095x312x215	1095x312x215	1095x312x215	1310x322x240
Packing	mm	935x350x270	935x350x270	1175x375x275	1175x375x275	1175x375x275	1420x440x380
Net/Gross Weight	kg	11/13	11/13	15/17	16/18	16/18	20/23
Inlet/Outlet Water Pipe	kg	Rc3/4" (DN20)					
Drain Pipe	..	R3/4" (DN20)					
StuffingQuantity(20/40/40H)	..	320/656/732	320/656/732	240/496/558	240/496/558	240/496/558	129/264/307

Model		AFC-200CM/4	AFC-300CM/4	AFC-400CM/4	AFC-500CM/4	AFC-600CM/4	AFC-800CM/4
Air Volume	CFM	200/150/150	400/300/200	500/375/250	500/375/250	600/450/300	800/600/400
	m3/h	510/382/255	680/510/340	850/638/425	850/638/425	1020/765/510	1360/1020/680
Cooling Capacity							
Hi Speed	W	1808	2712	3618	4514	5406	7210
Medium Speed	W	1537	2305	3075	3837	4595	6129
Low Speed	W	1175	1763	2352	2934	3514	4687
Heating Capacity							
Hi Speed	W	2709	4070	5418	6767	8155	10807
Medium Speed	W	2303	3460	4605	5752	6898	9186
Low Speed	W	1761	2646	3522	4399	5275	7025
Noise Level	dB(A)	≤39	≤42	≤46	≤49	≤49	≤51
Fan Motor							
Fan Quantity	..	1	1	1	1	1	1
Motor Quantity	..	1	1	1	1	1	1
Power Input	W	33	41	50	55	62	137
Water Flow Volume	m3/h	350	610	800	950	1080	1390
Hydraulic Resistance	kPa	10	12	20	37	39	28
Max.Working pressure	MPa	1.6	1.6	1.6	1.6	1.6	1.6
Dimension (WxDxH)							
Net	mm	880x286x203	880x286x203	1095x312x215	1095x312x215	1095x312x215	1310x322x240
Packing	mm	935x350x270	935x350x270	1175x375x275	1175x375x275	1175x375x275	1420x440x380
Net/Gross Weight	kg	11/13	11/13	15/17	16/18	16/18	20/23
Inlet/Outlet Water Pipe		Rc3/4" (DN20)					
Drain Pipe		R3/4" (DN20)					
StuffingQuantity(20/40/40H)		320/656/732	320/656/732	240/496/558	240/496/558	240/496/558	129/264/307



DUCT
R410

Model	Indoor		ALLD-C12/4R1		ALLD-H12/4R1	
	Outdoor		AL-C12/4R1(U)		AL-H12/4R1(U)	
Capacity						
Cooling	Btu/h	kW	12000	3.6	12000	3.6
Heating	Btu/h	kW	/	/	13500	3.9
Electric Data						
Power Supply	V~,Hz,Ph		220~240,50,1		220~240,50,1	
Cooling power input	kW		1.09		1.09	
heating power input	kW		/		1.06	
Cooling Current	A		5.03		5.03	
Heating Current	A		/		4.97	
Performance						
EER			3.30		3.30	
COP			/		3.68	
Air Flow Volume (Hi/Mid/Low)	M³/h		630/504/440		630/504/440	
Noise Level (Hi/Mid/Low)	dB(A)		38/35/29		38/35/29	
External Static Pressure (ESP)	Pa		12/30		12/30	
Dimension (W×D×H)						
Net	mm		880×547×240		880×547×240	
Packing	mm		980×620×280		980×620×280	
Weight						
Net	Kg		21.5		21.5	
Gross	Kg		25		25	
Piping						
Liquid Side	mm		6.35		6.35	
Gas Side	mm		12.7		12.7	
Drainage	mm		R3/4in(DN20)		R3/4in(DN20)	
Applicable Area			M²		13-21	
Stuffing Quantity						
20/40/40H	set		73/150/180		73/150/180	



DUCT
R22

Model	Indoor		ALLD-C12/4		ALLD-H12/4		ALLD-C18/4		ALLD-H18/4		ALLD-C24/4		ALLD-H24/4	
	Outdoor		AL-C12/4(U)		AL-H12/4(U)		AL-C18/4(U)		AL-H18/4(U)		AL-C24/4(U)		AL-H24/4(U)	
Capacity														
Cooling	Btu/h	kW	12000	3.6	12000	3.6	18000	5.1	18000	5.1	24000	7.2	24000	7.2
Heating	Btu/h	kW	/	/	13500	3.9	/	/	19000	5.6	/	/		
Electric Data														
Power Supply	V~,Hz,Ph		220~240,50,1		220~240,50,1		220~240,50,1		220~240,50,1		220~240,50,1		220~240,50,1	
Cooling power input	kW		1.16		1.16		1.65		1.65		1.16		1.65	
heating power input	kW		/		1.10		/		1.69		1.10		/	
Cooling Current	A		5.37		5.37		7.57		7.57		5.37		7.57	
Heating Current	A		/		5.16		/		7.82		5.16		/	
Performance														
EER			3.10		3.10		3.09		3.09		3.10		3.09	
COP			/		3.54		/		3.32		3.54		/	
Air Flow Volume (Hi/Mid/Low)	M³/h		630/504/441		630/504/441		860/688/602		860/688/602		630/504/441		860/688/602	
Noise Level (Hi/Mid/Low)	dB(A)		38/35/29		38/35/29		42/39/33		42/39/33		38/35/29		42/39/33	
External Static Pressure (ESP)	Pa		12/30		12/30		12/30		12/30		12/30		12/30	
Dimension (W×D×H)														
Net	mm		880×547×240		880×547×240		1110×547×240		1110×547×240		880×547×240		1110×547×240	
Packing	mm		980×620×280		980×620×280		1210×620×280		1210×620×280		980×620×280		1210×620×280	
Weight														
Net	Kg		21.5		21.5		30		30		21.5		30	
Gross	Kg		25		25		34		34		25		34	
Piping														
Liquid Side	mm		6.35		6.35		6.35		6.35		6.35		6.35	
Gas Side	mm		12.7		12.7		12.7		12.7		12.7		12.7	
Drainage	mm		R3/4in(DN20)		R3/4in(DN20)		R3/4in(DN20)		R3/4in(DN20)		R3/4in(DN20)		R3/4in(DN20)	
Applicable Area			M²		17-21		17-21		21-35		21-35		17-21	
Stuffing Quantity														
20/40/40H	set		73/150/180		73/150/180		55/122/144		55/122/144		73/150/180		55/122/144	

- طراحی فوق العاده باریک
- مکش هوای تازه
- پمپ تخلیه آب توکار (انتخابی)
- لوازم جانبی استاندارد
- پلنوم برگشت هوا استاندارد و فیلتر
- ترموستات انتخابی (اختیاری)



- تکنولوژی ترکیبی با یخ کمپرسور
- کارایی بالا در تبدیل حرارتی در دو طرف مبدل
- پوشش دما در فشار پایین
- طراحی مادولار
- سیستم ضد یخ هوشمند
- پوشش دامنه وسیع تری از دمای تحت کنترل محیط

CHILLER

Model			ARVHD-H112/4R1A		ARVHD-H125/4R1A	
Capacity						
Cooling	Btu/h	kW	222000	65	443500	13500
Heating	Btu/h	kW	242500	71	65	3.9
Electric Data						
Power Supply	V~,Hz,Ph		415~240,50,3		220~240,50,1	
Cooling power input	kW		22.50		1.09	
heating power input	kW		2300		1.06	
Cooling Current	A		38.10		5.03	
Heating Current	A		38.90		4.97	
Compressor						
Type			Hermetic Scroll		Hermetic Scroll	
Quantity	Pieces		4		4	
Refrigerant Type			R22		R22	
Air Side Heat Exchanger						
Type	High-efficient fin heat exchanger					
Fan	Pieces	2			2	
Air Flow Volume	m³/h	12300×2			21500×2	
Water Side Heat Exchanger						
Type	High-efficient fin heat exchanger					
Water Resistance	kPa	53			56	
Water Flow Volume	m³/h	11.18			22.40	
Max. Pressure	MPa	1			1	
Dimension(W×D×H)						
Type	mm	2270×1105×1100			2910×1460×1567	
Quantity	mm	2310×1146×1390			3050×1590×1740	
Weight						
Type	Kg	600			1100	
Quantity	Kg	650			1320	
Inlet/outlet Water Pipe	mm	DN50			DN65	
Noise	dB(A)	≤69			≤72	
Safety Protection	High/Low pressure, lack/reverse phase protection, water lack protection, water flow protection, anti-freezing protection,etc.					



MINI CHILLER

Model			ACMI-H12/4		ACMI-H16/5		ACMI-H28/5		ACMI-H42/5	
Capacity										
Cooling	Btu/h	kW	44500	13.0	54500	16.1	97500	28.5	14500	42.5
Heating	Btu/h	kW	49000	14.3	60500	17.7	104000	30.4	158500	46.5
Electric Data										
Power Supply	V~,Hz,Ph		220~240,50,1		380~415,50,3		380~415,50,3		380~415,50,3	
Cooling power input	kW		4.48		5.60		9.80		14.40	
heating power input	kW		4.70		5.80		10.00		15.00	
Cooling Current	A		22.7		10.6		18.3		26.2	
Heating Current	A		22.8		10.7		18.1		27.4	
Compressor										
Type			Scroll		Scroll		Scroll		Scroll	
Quantity	Pieces		2		2		2		2	
Refrigerant Type			R22		R22		R22		R22	
Air Side Heat Exchanger										
Type			Copper tube-fin coil		Copper tube-fin coil		Copper tube-fin coil		Copper tube-fin coil	
Fan	Pieces		2		1		2		2	
Air Flow Volume	m³/h		5600		7200		12000		18500	
Water Side Heat Exchanger										
Type			Plate heat exchanger		Plate heat exchanger		Plate heat exchanger		Plate heat exchanger	
Water Resistance	kPa		50		54		54		60	
Water Flow Volume	m3/h		2.24		2.77		4.90		7.31	
Max. Pressure	MPa		1		1		1		1	
Water Pump Head	,,		16		22		23		22	
Water Pump Input	W		290		580		940		910	
Dimension(W×D×H)										
Type	mm		1160×1260×560		1000×1800×660		1600×1800×660		1950×1800×660	
Quantity	mm		1280×1450×640		1140×1990×780		1800×1990×780		2090×1990×780	
Weight										
Type	kg		192		250		360		508	
Quantity	kg		205		265		375		520	
Inlet/outlet Water Pipe	mm		DN25		DN32		DN40		DN40	
Noise	dB(A)		60		61		63		67	
Safety Protection	Hi/low pressure /water flux/over heating/over current/lack-phase/anti-phase protection									





HOKEN

Add: Unit 3, Second Floor, No.5,
yas Building, Alley Mobini,
Sabounchi St, Beheshti Ave
Tel: 88 744 495-7 Fax: 88 737 688