

MODELS:

HAC-1236

HAC-1836

HAC-2436

HAC-3036



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AIR CONDITIONER

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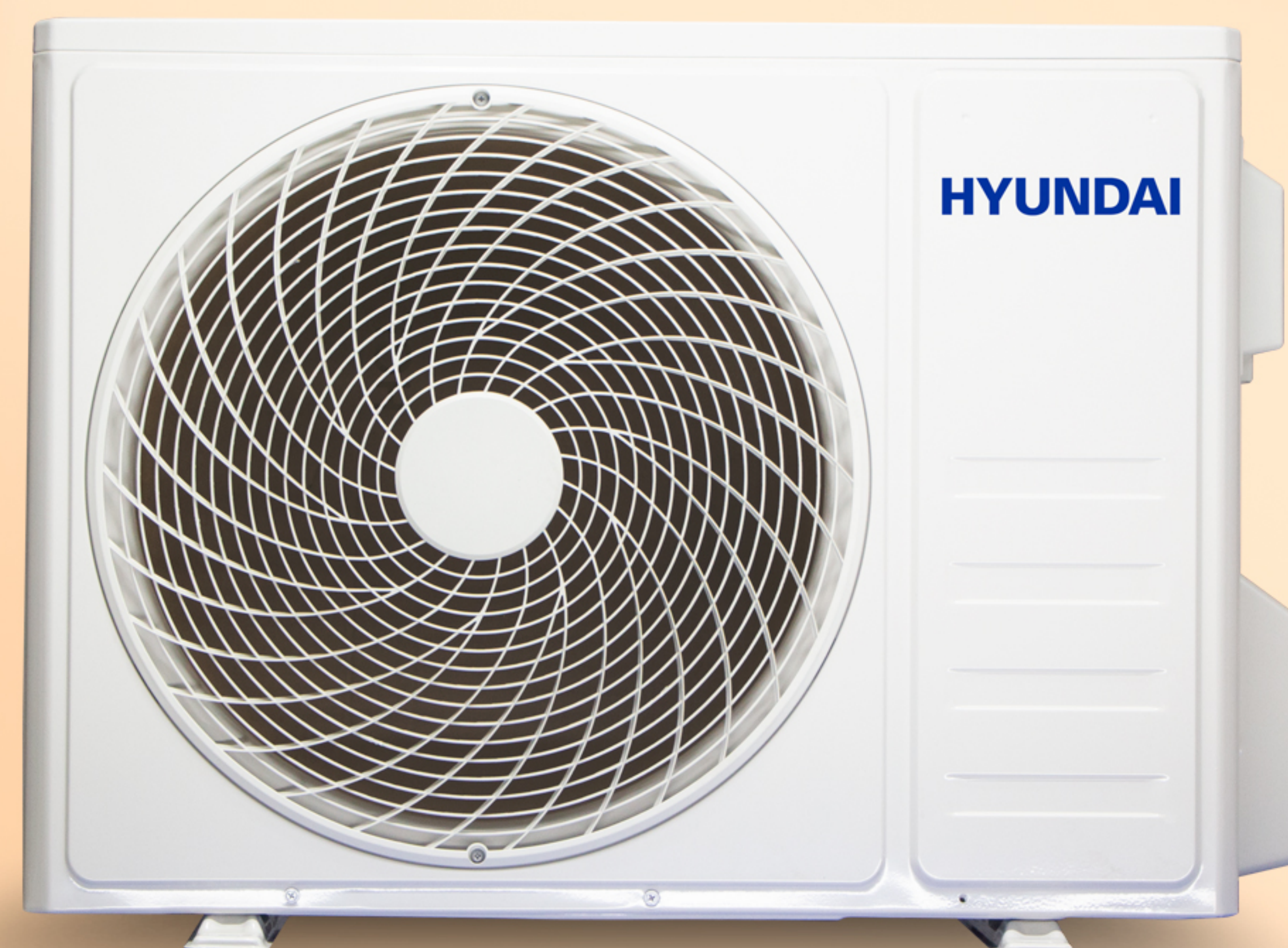
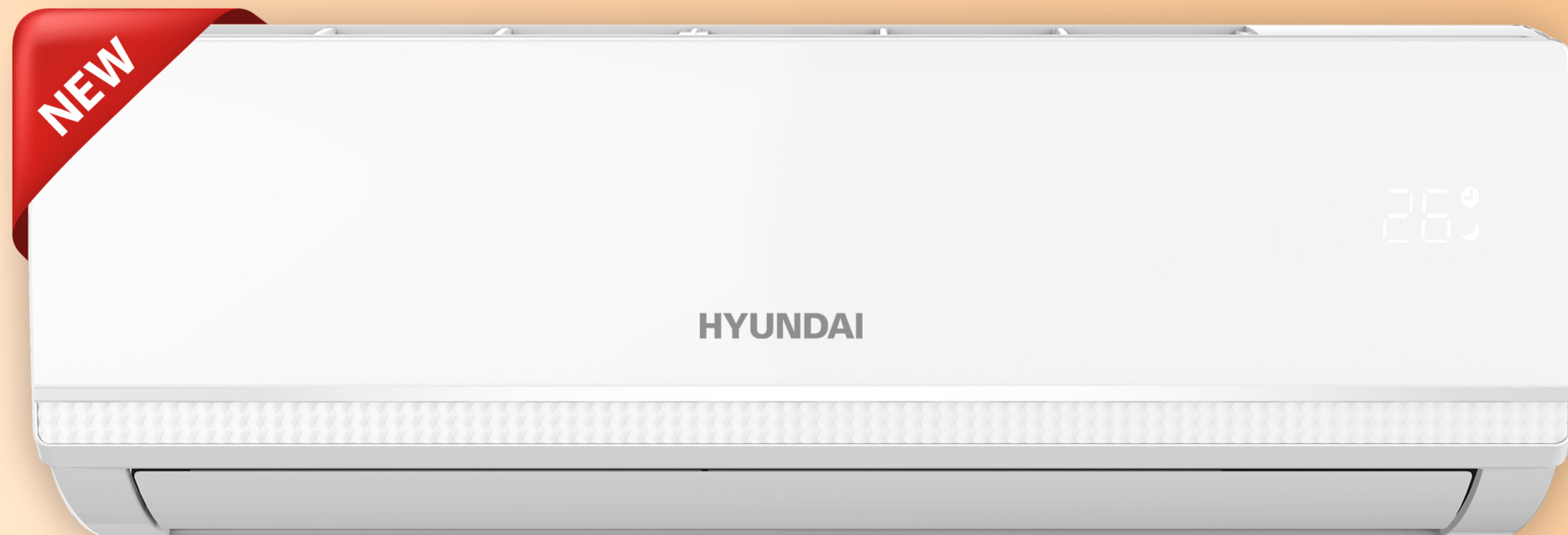
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APPLIANCES

AIR CONDITIONER

HAC-3036WT1



- مصرف انرژی : A (با استاندارد جدید ایران D)
- مجهز به کمپرسور قدرتمند T1
- سرمایش و گرمایش
- عملکرد ضد قارچ
- صفحه دیجیتال مخفی
- تمیز شدن خودکار چهار مرحله ای
- سیستم جریان هوای چند جهته
(توزیع دمای یکنواخت در سراسر محیط)
- روشن / خاموش شدن خودکار
- جذب رطوبت قوی
- کابین ضد فرسایش
- گازمبرد : R410a
- ورقه های طلائی (fin) آلومینیومی

5

YEAR
COMPRESSOR
WARRANTY

24

Months
GUARANTEE

T1

Compressor

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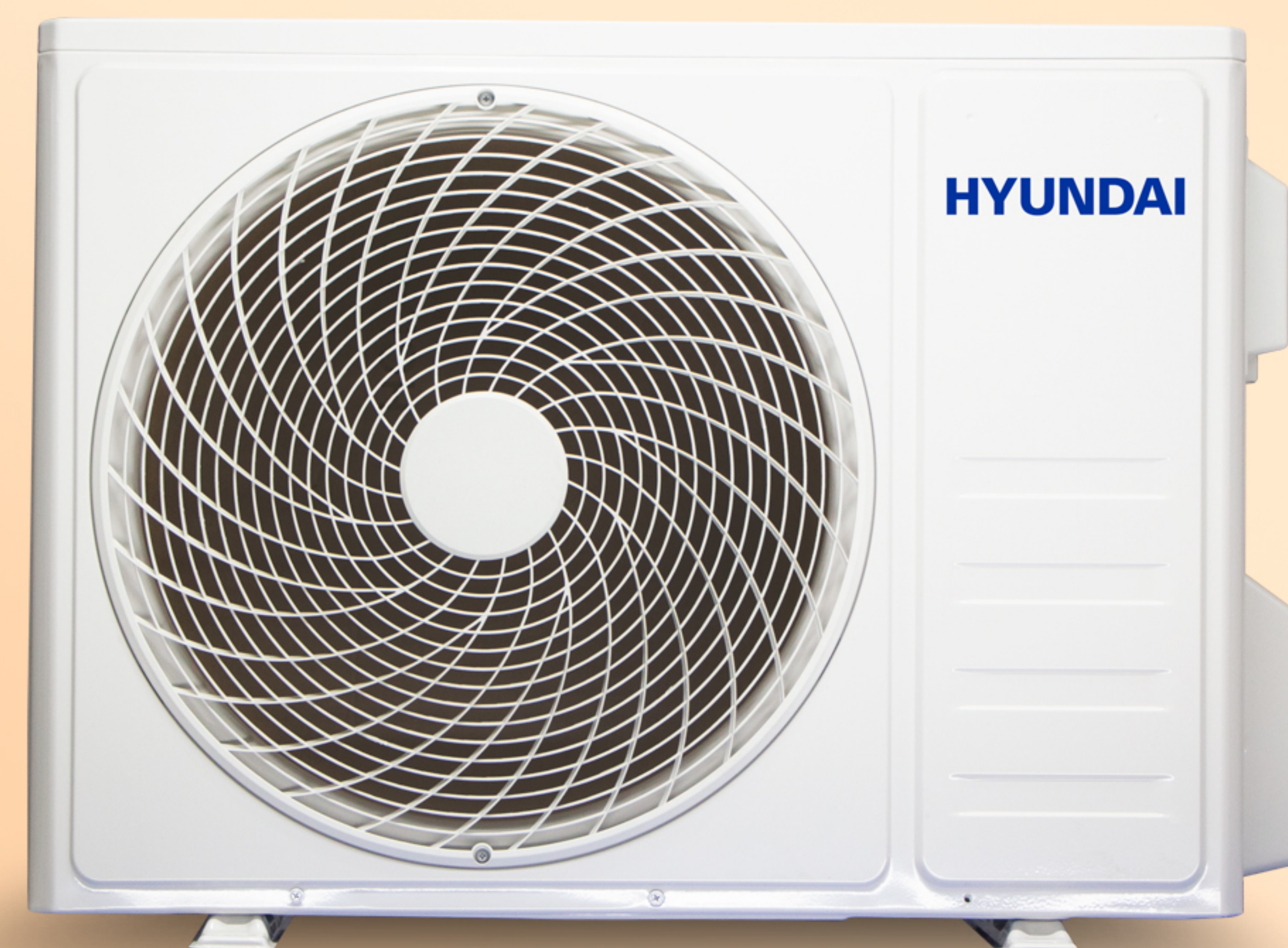
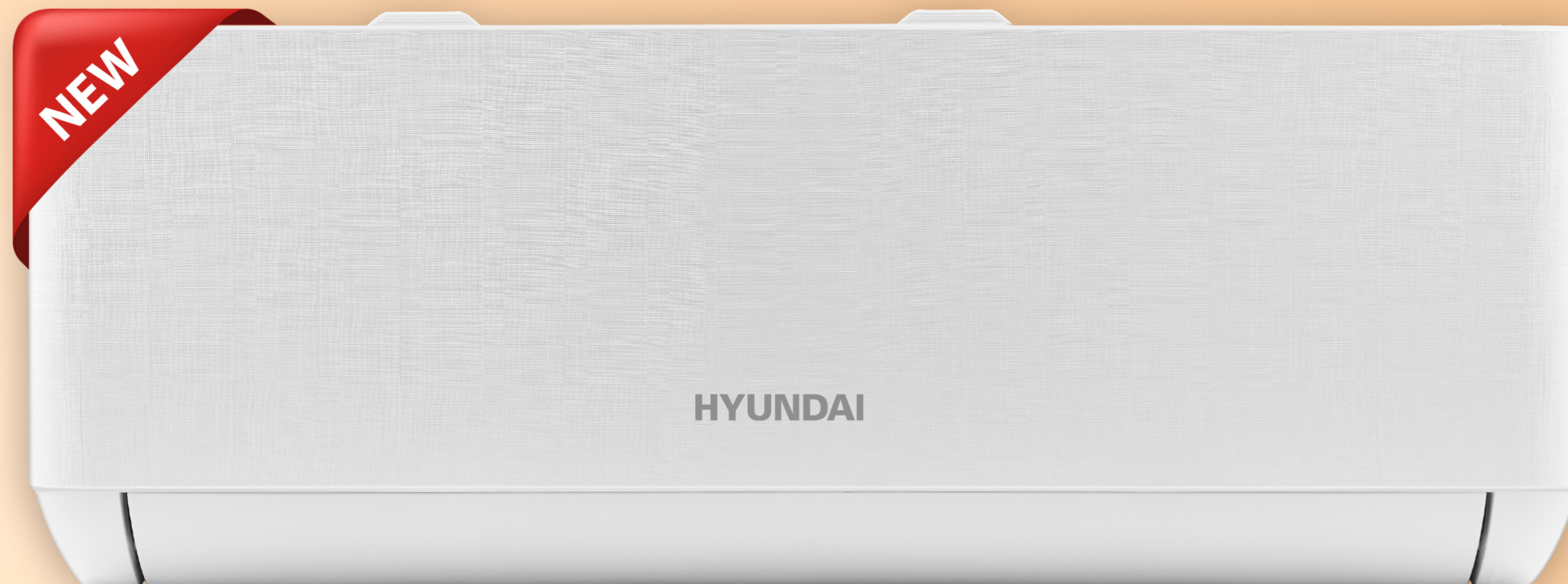
APPLIANCES

AIR CONDITIONER

HAC-1236WT1

HAC-1836WT1

HAC-2436WT1



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Technical information



HAC-1236			HAC-1836		HAC-2436		HAC-3036	
Model No.			12K	18K	24K	30K		
Type			heating pump	heating pump	heating pump	Heating pump		
Control type			remote	remote	remote	Remote Controller		
Rated cooling capacity(T1)		Btu/h	12000	18000	24000	30000		
Rated cooling capacity(T1)		W	3520	5275	7034	8792		
Rated cooling capacity(T3)		Btu/h	/	/	20400	25500		
Rated cooling capacity(T3)		W	/	/	5979	7474		
Rated heating capacity		Btu/h	12500	18500	24500	30500		
EER for cooling(T1)		Btu/h-W;	11/26	11/26	11/26	11/26		
EER for cooling(T1)		W/W	3/3	3/3	3/3	3/3		
EER for cooling(T3)		Btu/h-W;	/	/	8/44	8/44		
EER for cooling(T3)		W/W	/	/	2/5	2/48		
COP for heating		Btu/h-W;	12/30	12/30	12/35	12/35		
COP for heating		W/W	3/60	3/60	3/62	3/62		
Moisture removal		Liters/h	1/2	1/8	2/0	2/4		
Pressure	High(DP)	MPa	4/5	4/5	4/5	4/5		
	Low(SP)	MPa	1/9	1/9	1/9	1/9		
Indoor noise level at cooling	Super	dB(A)	38	52	56	55		
	High	dB(A)	35	49	53	52		
	Med.	dB(A)	32	46	50	49		
	Low	dB(A)	29	43	47	46		
	Quite	dB(A)	27	40	44	43		
Outdoor noise level		dB(A)	50	57	59	60		
Climate type			T1	T1	T1	T3		

Electrical Data

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Electrical Data



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HAC-1836

HAC-2436

HAC-3036

Power supply			220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P
Voltage Range		V	198~264	198~242	165~265	165~265
Current	Cooling(T1)	A	5/1	7/4	9/7	12/1
	Cooling(T3)	A	/	/	11/0	12/6
	Heating	A	4/7	7/0	9/0	11/2
Power input	Cooling(T1)	W	1095	1598	2132	2664
	Cooling(T3)	W	/	/	2416	2664
	Heating	W	1013	1504	1984	2470
Rated Current	Cooling(T1)	A	9/5	12/0	12/6	15/7
	Cooling(T3)	A	/	/	14/3	16/4
	Heating	A	9/3	10/0	11/7	14/6
Rated Power input	Cooling(T1)	W	1760	2450	2771	3464
	Cooling(T3)	W	/	/	3140	3464
	Heating	W	1720	2250	2579	3211
Annual energy consumption		kwh/year	2579	3780	5027	6278

Refrigerating System

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Refrigerating System



			HAC-1236	HAC-1836	HAC-2436	HAC-3036
Refrigerant		kg	R410A/0.62kg	R410A/1.21kg	R410A/1.5kg	R410A/1.7kg
Compressor	Model		ASM140V01VDZE	KSF190V02UDTB3	ASH286UV-C8LU1	QXAH-E315N050
	Type		Rotary	Rotary	Rotary	Rotary
	Brand		GMCC	GMCC	HIGHLY	LINDA(Gree)
	Input	W	1110	1630	2045	2555
	Rated current(RLA)	A	5/2	8	10	11/9
	Locked rotor Amp(LRA)	A	28	45	60	70
	Refrigerant oil/oil charge	ml	ESTER OIL VG68 300	ESTEL OIL VG74 400ml	HAF68D1 or equivalent 570±20	FW68DA 500ml
Evaporator			Hydrophilic & Louver Fin; Innergroover tube type φ7	Hydrophilic & Louver Fin; Innergroover tube type φ7	Hydrophilic & Louver Fin; Innergroover tube type φ7	Hydrophilic & Louver Fin; Innergroover tube type φ7
Condenser			Louver or Corrugated Fin; Innergroover tube type φ7	Louver or Corrugated Fin; Innergroover tube type φ7	Louver or Corrugated Fin; Innergroover tube type φ7	Louver or Corrugated Fin; Innergroover tube type φ5 or φ7
Expansion device			Capillary tube	Capillary tube	Capillary tube	Capillary tube
Defrosting system			Microcomputer controlled reverse system	Microcomputer controlled reverse system	Microcomputer controlled reverse system	Microcomputer controlled reverse system

Fan System

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Fan System



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Indoor air volume(Cooling/Heating)		m ³ /h	500/520	800/800	1300/1350	1500/1500
Indoor fan type			Cross flow	Cross flow	Cross flow	Cross flow
Indoor fan motor		model	2001-000273	22001-000266 DC	22001-000240	22001-000240
		brand	Broad-ocean/WELLING/Tongde	Broad-ocean/WELLING/SHIBAURA	Broad-ocean/WELLING/SHIBAURA	Broad-ocean/WELLING/SHIBAURA
Indoor fan speed H/M/L	Cooling	rpm	1150/1080/1030/980/920/860/800	1360/1230/1120/1030/950/870/800	1370/1280/1150/1010/930	1320/1230/1180/1130/1080/1020/950
	Heating	rpm	1150/1080/1050/1000/950/900/850	1250/1150/1070/1000/930/860/800	1370/1250/1090/930/850	1250/1170/1140/1100/1080/1020/950
	Dry	rpm	860	870	1010	1020
	Sleep	rpm	860/900	870/860	1010/930	1020
Indoor fan motor output		W	14	大洋25 /威灵25/芝浦25	大洋45 /威灵45/芝浦55	大洋45 /威灵45/芝浦55
Indoor coil	a.Number of rows		2	2	2	2
	e.Tube outside dia.and type	mm	Φ7,innergroove tube	Φ7,innergroove	Φ7,innergroove	Φ7,innergroove
	f.Coil length x height x width	mm	573×232×25.4	705×305×25.4	843×357×25.4	896×399×25.4
Outdoor fan type			Propeller	Propeller	Propeller	Propeller
Outdoor fan type		model	22001-000009	22001-000089	22001-000088	22001-000088
		brand	Broad-ocean/WELLING/tongde	Broad-ocean/WELLING	Broad-ocean/WELLING	WELLING/Broad-ocean
Outdoor fan speed		rpm	860	860/0	890	960



Connections & Others

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Connections & Others



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Outdoor fan motor output		W	44	大洋44 /威灵39	大洋65/威灵54	威灵54/大洋54
Outdoor coil	a.Number of rows		2	2	2	2
	e.Tube outside dia.and type	mm	Φ7,innergroove tube	Φ7,innergroove tube	Φ7,innergroove tube	φ7,innergroove
	f.Coil length x height x width	mm	697*462*18.2	781x567x25.4/761x567x25.4	796x651x25.4/776x651x25.4	796*651*25.4/776*651*25.4
Connecting Pipe	Gas	Inches	Φ9.52(3/8")	Φ12(1/2")	Φ12(1/2")	Φ15.88(5/8")
	Liquid	Inches	Φ6(1/4")	Φ6(1/4")	Φ6(1/4")	Φ6(1/4")
Connecting Wiring	Size x Core number		3×1.5;2×0.75	3x1.5;2×0.75	4x0.75;2×0.75	4×0.75mm²; 3×2.5; 2×0.75
Drain.Age Pipe			O.D 16mm	O.D 16mm	O.D 16mm	O.D 16mm
Suitable area		m²	12~15	20~35	30~50	35~55
Net dimensions (W x Dx H)	Indoor	mm	790×275×192	920×306×195	1100×333×222	1191×360×258
	Outdoor	mm	777×290×498	853×349×602	920×380×699	920×380×699
Net weight	Indoor	kg	8/5	10/1	15	16
	Outdoor	kg	26	35/7	47	48
Packing dimensions (W x D x H)	Indoor	mm	860×345×265	990×382×266	1165×405×295	1260×430×328
	Outdoor (with piping)	mm	818×325×520	890×385×628	950×420×732	960×430×732
Gross weight	Indoor	kg	10	12	18	19
	Outdoor (with piping)	kg	30	40	53	54
Loading Qty	40'HQ (with piping)	sets	295	189	147	135



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