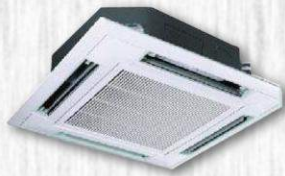




Energy Efficient Solutions for all Airconditioning Applications



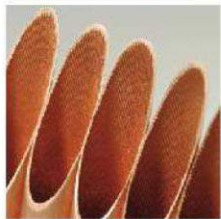
Greaves Airconditioning (Pvt.) Ltd.
Total HVAC Solution providers



Inside
SANYO
Compressors

TOSHIBA
GMCC

HITACHI
Inspire the Next



- High quality copper tubes
- High efficiency blowers
- Blue Aluminum Fins
- High EER Scroll / Rotary Compressors
- 3 minutes compressor delay protection.
- Room temperature setting.
- Check valve prevents reverse-rotation at shutdown
- Discharge Baffle reduces discharge volume improving efficiency and reliability. Rigid structure lowers overall sound level.
- Tip seal of PPS resin helps to reduce starting torque and efficiency during operation
- Thicker shells and robust welds reduces sound transmission, lowering overall sound level.
- PTFE Bearings Bronze with Teflon impregnation.

Specifications are subject to change without notice.

- Maintain Highest IAQ Standards
- EXV throttle, accurate control of the loading capacity.
- Ultra High allowance of working voltage: Can work between 165~264V
- Uses Japanese Brand Compressor, Reliable and stable Performance.
- Unique Defrost programme. Cooling only/Heat pump type all available!!!
- Anti-rust Cabinet, 500 hours Spray test.





- High quality copper tu
- High efficiency blower
- Blue Aluminum fins
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High-Ambient Premium Hi Wall R-22 T-3 cool only unit



Unit Specification Sheet

Model			EA3HWABB-12CR22	EA3HWABB-18CR22	EA3HWABB-24CR22
Power supply		Ph-V-Hz	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph	220-240V- 50Hz, 1Ph
Cooling	Capacity	Btu/h	12000	18000	24000
	Input	W	1265	1820	2380
	Rated current	A	5.3	7.9	9.7
	EER	W/W	2.78	2.90	2.96
Max. input consumption		W	1800	2600	3000
Max. current		A	10	14	18
Starting current		A	33.4	49	65.5
Compressor	Type		ROTARY	ROTARY	ROTARY
	Brand		GMCC	GMCC	GMCC
	Capacity	Btu/h	12130/12198	19175/19346	24157/24276
Indoor fan motor	Input	W	34	58	77
	Speed(Hi/Mi/Lo)	r/min	1100/1000/800	1140/950/800	1120/1020/950
Indoor coil	Fin spacing	mm	1.3	1.2	1.3
	Coil length x height x width	mm	605x294x26.74	750x336x26.74	820x336x26.74
	Number of circuits			4	4
Indoor air flow (Hi/Mi/Lo)		m3/h	510/450/320	750/600/410	1080/960/760
Indoor noise level (Hi/Mi/Lo)		dB(A)	38/35/31	44/39/35	47/44/40
Indoor unit	Dimension(W*D*H)	mm	802x189x297	965x215x319	1080x226x335
	Packing (W*D*H)	mm	875x285x375	1045x305x405	1155x415x315
	Net/Gross weight	Kg	8.8/11	11.6/14.8	14/17.5
Outdoor fan motor	Input	W	77.3	109	167.2
	Speed	r/min	860 / -- / --	865 / -- / --	900 / -- / --
Outdoor coil	Fin spacing		1.4	1.4	1.4
	Coil length x height x width		754x504x13.37	785x651x13.37	785x651x26.74
	Number of circuits		1	4	4
Outdoor noise level		dB(A)	56	58	61
Outdoor unit	Dimension(W*D*H)	mm	780x250x540	845x320x700	845x320x700
	Packing (W*D*H)	mm	910x335x585	965x395x755	965x395x755
	Net/Gross weight	Kg	28.5/30.8	41.5/45	49/52
Refrigerant type		g	R22/670g	R22/1200g	R22/1500g

Unit performance rated in accordance with T3 High ambient design (50°C)

Specification are subject to change without notice



Factors to Consider in an Air Conditioner

Efficiency — To help you compare air conditioning units, cooling efficiency is rated by the Seasonal Energy Efficiency Ratio (SEER), with high numbers indicating high efficiency.

Comfort — Consider models with the High-Ambient Comfort System — that meets your comfort needs more efficiently and quietly.



Also Available:



High-Ambient Range High-wall splits

SPECIFICATIONS

		Model	EA1HW12OFC22	EA3HW18OFC22	EA3HW24OFC22
Power supply		Ph-V-Hz	220V~240V-50Hz	220V~240V-50Hz	208-240V
Cooling	Capacity	BTU	12000	18000	24000
	Input	W	1150	1900	2200
	Rated current	A	5.5	8.4	9.5
	EER		2.78	2.53	2.73
Compressor	Type		Rotary	Rotary	Rotary
	Brand		GMCC (Toshiba)	Hitachi	Mitsubishi
Indoor Unit	Noise level(Hi/Mi/Lo)	dB(A)	40/35/32	43/40/37	50/46/43
	Unit dimension (W*H*D)	mm	745x250x195	860x292x205	1080x330x220
	Packing (W*H*D)	mm	833x330x278	930X365X280	1180x425x300
	Net weight	Kg	9	11	15
	Gross weight	Kg	11	13	20
Outdoor Unit	Noise level	dB(A)	54	56	58
	Unit dimension (W*H*D)	mm	795x255x540	770x520x280	845x680x310
	Packing (W*H*D)	mm	920x335x595	910X620X380	1010x765x430
	Net weight	Kg	32	39	59
	Gross weight	Kg	36	42.5	64
	Refrigerant type		R22	R22	R22
	Refrigerant charge	g	600	830	1250
Refrigerant pipe	Design pressure	MPa	2.45	2.7	2.7
	Liquid side	mm	6.35	6.35	9.52
	Gas side	mm	12.7	12.7	15.88

Unit performance rated in accordance with T3 High ambient design (50 °C)

Specifications are subject to change without notice.





High-Ambient Range High-Walls Splits R410a Heat & Cool Inverter Series



Capacity			1 ton	1.5 Ton	2 Ton
Code			2T0032400281	2T0032800712	2T0032900574
Model			EAINVH&C120FC410	EAINVH&C180FC410	EAINVH&C240FC410
Power supply		Ph-V-Hz	220-240V~ 50Hz, 1Ph	220-240V~ 50Hz, 1Ph	220-240V~ 50Hz, 1Ph
Cooling	Capacity	Btu/h	11000(2450~13500)	17000(5100~22000)	23000(12000~25000)
	Input	W	1000(210~1380)	1550(380~2000)	2100(820~2500)
	Rated current	A	4.4(1.0~6.2)	6.8(1.8~10.2)	9.4(3.6~11.2)
	EER	W/W	3.22	3.21	3.21
Heating	Capacity	Btu/h	12500(2800~16000)	18000(5300~23000)	25000(11000~27000)
	Input	W	1010(210~1480)	1555(350~2000)	2030(800~2700)
	Rated current	A	4.5(1.0~6.6)	6.8(1.6~9.0)	9.1(3.5~12.0)
	COP	W/W	3.63	3.39	3.61
Moisture Removal		L/h	1.1	1.7	2.5
Max. input consumption		W	1950	2750	2950
Max. current		A	9.0	12.5	13.5
Compressor	Model		DA108X1C-23EZ	DA130M1C-31FZ	DA150S1C-20FZ
	Type		ROTARY	ROTARY	Twin-rotary
	Brand		GMCC	GMCC	GMCC
	Capacity	Btu/h	11021	13443	15286
	Input	W	855	1005	1150
Indoor fan motor	Rated current(RLA)	A	4.95	3.95	9.7
	Thermal protector position		---	INTERNAL	EXTERNAL
	Refrigerant oil/oil charge	ml	ESTER OIL VG74 480ml	ESTER OIL VG74/480	ESTER OIL VG74/500
	Model		RPG20D	RPG45C	RPG45C
	Brand		Welling	Broad Ocean	Broad Ocean
Indoor coil	Input	W	43.3	72	72
	Capacitor	uF	1.5	3.0	3.0
	Speed(Hi/Mi/Lo)	r/min	1200 / 1050 / 800	1200 / 1100 / 900	1250 / 1150 / 950
	a.Number of rows		1/2	2	2
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37
	c.Fin spacing	mm	1.2/1.3	1.3	1.3
	d.Fin type (code)		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	e.Tube outside dia.and type	mm	Φ7,innergroove tube	Φ7,innergroove tube	Φ7,innergroove tube
	f.Coil length x height x width	mm	600x84x13.37+600x189x26.74	780x315x26.74	780x315x26.74
Indoor air flow (Hi/Mi/Lo)	g.Number of circuits		2	5	5
	m ³ /h		600/530/400	1100/1000/830	1120/1020/850
Indoor noise level (Hi/Mi/Lo)	dB(A)		39/34/31	47/45/40	48/46/41
Indoor unit	Dimension(W*D*H)	mm	770x188x255	1030x218x315	1030x218x315
	Packing (W*D*H)	mm	835x265x330	1115x395x300	1115x395x300
	Net/Gross weight	Kg	7.5 / 9	10.5 / 12.5	12 / 15
	Model		YDK24-6G	YDK55-6G	YDK55-6G
Outdoor fan motor	Brand		Welling	Broad-ocean	Broad-ocean
	Input	W	67/48	103/78	103/78
	Capacitor	uF	2.5	2.5	2.5
	Speed	r/min	800 / 550	865 / -- / 670	865 / -- / 670
Outdoor coil	a.Number of rows		1	1.6	2.5
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37
	c.Fin spacing	mm	1.4	1.4	1.4
	d.Fin type (code)		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	e.Tube outside dia.and type	mm	Φ7,innergroove tube	Φ7,innergroove tube	Φ7,innergroove tube
	f.Coil length x height x width	mm	755x504x13.37	785x651x13.37+461x651x13.37	779x651x26.74+390x651x13.37
Outdoor air flow	g.Number of circuits		2	4	6
	m ³ /h		1800	2500	2700
Outdoor noise level	dB(A)		56	58	59
Outdoor unit	Dimension(W*D*H)	mm	780x250x540	845x320x700	845x320x700
	Packing (W*D*H)	mm	910x335x585	965x395x755	965x395x755
	Net/Gross weight	Kg	28 / 30	37.5 / 39	38.5 / 40
Refrigerant type		g	R410A/760g	R410A/1500g	R410A/1950g
		MPa	4.2/1.5	4.2/1.5	4.2/1.5
Design pressure	Max. refrigerant pipe length	m	25	30	30
	Max. difference in level	m	10	20	20

Unit performance rated in accordance with T3 High ambient design (50 °C)

Specification are subject to change without notice.



Electricity Comparison sheet Inverter Series vs Standard High Wall Unit

Model	1 Ton Hi Wall (Standard Hi Wall)	1 Ton Hi Wall Inverter
Brand	Euro Aire	Euro Aire
Phase	Single Phase	Single Phase
Hours	10	10
days	30	30
Month	12	12
Power Consumption in KW	1.15	0.75
KESC Rate	18	18
Total Consumption in PKR per Annum	74,520	48,600
Saving	-	35%
Saving in PKR per Annum (for 10 months)	-	25,920
Saving Per Month	-	2,160
Pay back in Months	-	32

Model	1.5 Ton Hi Wall (Standard Hi Wall)	1.5 Ton Hi Wall Inverter
Brand	Euro Aire	Euro Aire
Phase	Single Phase	Single Phase
Hours	10	10
days	30	30
Month	12	12
Power Consumption in KW	1.9	1.135
KESC Rate	18	18
Total Consumption in PKR per Annum	123,120	73,548
Saving	-	40%
Saving in PKR per Annum (for 10 months)	-	49,572
Saving Per Month	-	4,131
Pay back in Months	-	17

Model	2 Ton Hi Wall (Standard Hi Wall)	2 Ton Hi Wall Inverter
Brand	Euro Aire	Euro Aire
Phase	Single Phase	Single Phase
Hours	10	10
days	30	30
Month	12	12
Power Consumption in KW	2.2	1.375
KESC Rate	18	18
Total Consumption in PKR per Annum	142,560	89,100
Saving	-	38%
Saving in PKR per Annum (for 10 months)	-	53,460
Saving Per Month	-	4,455
Pay back in Months	-	16

Note: Power factor of Hi Wall 1 ton is .85 and inverter is .95 so 14% hidden charges will be added in standard Hi Wall

Standard High Wall Unit





High-Ambient Range High-Walls Splits R410a Cool only

Ozone Friendly specially for Pharma Industry



Model			1 ton	1.5 ton	2 ton
Panel	NO.				
Rated volt and frequency	Ph-V-Hz		220-240/50	220-240/50	220-240V/50Hz
Cooling	Cooling capacity	W	3590	5400	6900
	Cooling power input	W	1120	1685	2180
	Cooling current input	A	5	7.3	9.7
	EER	w/w	3.21	3.20	3.17
Max. input consumption	W	1750	2200	2800	
Max. current	A	8.8	11.5	14.6	
Compressor	Type (Rotary x Piston x scroll)		Rotary	Rotary	Rotary
	Brand	W	GMCC	GMCC	Hitach
Indoor	Indoor Air Circulation	m3/h	500	800	1050
	Indoor Noise Level dB	dB(A)	29-39	37-44	42-48
	Dimension (L x W x H)	mm	800x280x190	900x292x215	1080x302x220
	Packing (L x W x H)	mm	865x358x275	983x377x300	1275x392x318
	Net/Gross weight	Kg	10/12	13/15	16/20
Outdoor	Outdoor Noise Level dB	dB(A)	54	54	56
	Dimension (L x W x H) mm	795 x 255 x 540	795x255x540	870x310x700	
	Packing (L x W x H)	mm	920x335x595	920x335x595	990x410x780
	Net/Gross weight	Kg	32/36	36/40	53/60
	Refrigerant type/weight	g	R410A/820	R410A/1250	R410A/1480

Unit performance rated in accordance with T3 High ambient design (50 °C)

Specification are subject to change without notice.

Super Quiet 4-Way Ceiling Cassette Splits R410A



Model			CCB-18CR1	CCA-24CR1	CCA-36CR1
Indoor power supply	V/Ph/Hz		220~240/1/50	220~240/1/50	220~240/1/50
Cooling	Capacity	Btu/h	18000	24000	36000
		KW	5.3	7.1	10.5
	Input	W	75	150	160
	Rated current	A	0.4	0.7	0.8
	EER	W/W	2.67	2.82	2.71
Indoor fan motor	Input	W	75	120	160
	Capacitor	F	2.5	3	4
	Speed(Hi/Me/Lo)	r/min	1050/950/830	850/790/600	760/680/580
Indoor coil	Number of rows		2	2	
	Tube pitch(a)xrow pitch(b)	mm	21x13.37	21x13.37	21x13.37
	Fin spacing	mm	1.55	1.45	1.45
	Fin type		Hydrophilic	Hydrophilic	Hydrophilic
	Tube outside dia. and type	mm	inner grooved	inner grooved	inner grooved
Indoor unit	Number of circuits		5	8	8
	Dimension(W x H x D)	Body(mm)	580x580x275	840x840x230	840x840x285
		Panel(mm)	650x650x30	950x950x50	950x950x50
	Packing(W x H x D)	Body(mm)	745x675x375	920x920x265	920x920x310
		Panel(mm)	750x750x95	1030x1030x105	1030x1030x105
	Net/Gross weight	Body(Kg)	25/27	24/29	28/33.5
		Panel(Kg)	2.7/4.0	5.4/8.0	5.4/8.0
Max pressure	MPa	4.0	4.0	4.0	
Refrigerant type		R410A	R410A	R410A	

Unit performance rated in accordance with T3 High ambient design (50 °C)

Specification are subject to change without notice.



High-Ambient Range ceiling cassette Splits R410a heat & cool Inverter Series



Also Available:



SPECIFICATIONS

MODEL			EACD-24HRDN1	EACD-48HRDN1
Power supply		V-ph-Hz	220~240-1-50	220~240-1-50
Cooling	Capacity	Btu/h	24000	48000
	Input	&	2040	4160
	Current	A	9.34	7.18
	EER	W/W	3.38	3.24
Heating	Capacity	Btu/h	26400	50000
	Input	W	2030	3980
	Current	A	9.29	6.87
	COP	W/W	3.81	3.68
Indoor fan motor	Model			
	Old Model		YDK42-6E	YDK125-6E
	Qty		1	1
	Input	w	81/69/63	174/145/121
	Capacitor	uF	2UF/400-450V	5UF/450V
	Speed(hi/mi/lo)	r/min	520/390/340	690/610/540
Indoor coil	Number of rows		2	3
	Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37
	Fin spacing	mm	1.4	1.4
	Number of circuits		8	10
Indoor air flow (Hi/Med/Lo)		m ³ /h	1250/1050/900	1750/1550/1350
Sound level (sound pressure)		dB(A)	51/45/38	52/49/46
Indoor unit	Dimension (W x Dx H)(body)	mm	840x840x205	840x840x245
	Dimension (W x Dx H)(panel)	mm	950x950x55	950x950x55
	Net/Gross weight(body)	kg	21.5/25	27/30.5
	Net/Gross weight(panel)	kg	5/8	5/8
Compressor	Type		Twin-rotary	Twin-rotary
	Brand		GMCC	Mitsubishi
	Rated current(RLA)	A	9.7	12
Outdoor fan motor	Qty		1	2
	Input	W	103/76	142/127
Outdoor coil	Fin spacing	mm	1.4	1.5
Outdoor unit	Dimension(WxDxH)	mm	845x320x700	938x392x1369
	Packing(WxDxH)	mm	965x395x755	1095x495x1505
	Net/Gross weight	kg	52/55	102/118
Refrigerant type/Quantity	Type		R410A	R410A
	Charged volume	kg	2.1	3.8

Unit performance rated in accordance with T3 High ambient design (50°C)

Specification are subject to change without notice

Super Quiet 4-Way Ceiling Cassette Splits



Standard Type



Compact Type



Also Available:



Superior series specifications (Side discharge outdoor unit)

R22, SPECIFICATIONS

Model			CCB-18C	CCA-24C	CCA-36C	
Power supply		V-Ph-Hz	220~240V/1Ph/50Hz	220-240V/1Ph/50Hz	380V/3Ph/50Hz	
Cooling	Capacity	Btu/h	18000	24000	36000	
	Input	W	1880	2480	3960	
	Rated current	A	8.6	11.6	7.1	
	EER	W/W	2.82	2.86	2.65	
Indoor air flow (Hi/Mi/Lo)		m3/h	700/580/480	1200/1050/900	1700/1500/1200	
Indoor noise level(Hi/Mi/Lo)		dB(A)	48/45/43	48/46/44	48/46/44	
Indoor unit	Dimension (W*H*D)		Body(mm)	653x275x607	840x230x840	840x285x840
			Panel (mm)	650x30x650	950x50x950	950x50x950
			Body (Kg)	25/27	28/32	31/35
			Panel (Kg)	4/5	5/7	5/7
Connection wiring	Power wiring	mm2	3x1.5	3x2.5/3x1.0	5x1.5/3x1.0	
	Signal wiring	mm2	3x1.5	3x0.75	3x0.75	
Controller			Remote Controller	Remote Controller	Remote Controller	
Model			COU-18C	COU-24C	COU-36CS	
Power supply		V-Ph-Hz	220~240V/1Ph/50Hz	220-240V/1Ph/50Hz	380~415V/3N/50Hz	
Cooling	Capacity	Btu/h	18000	24000	36000	
	Input	W	1780	2330	3800	
	Rated current	A	8.1	10.9	6.8	
Max. input consumption		W	2300	3260	5130	
Max. current		A	11.6	14.8	9.2	
Starting current		A	38	64.7	48	
Compressor	Model		TS33VDEC	PH420G2CS-4KU1	C-SB303H8A	
	Type		Rotary	Rotary	Scroll	
	Brand		Mitsubishi	GMCC (Toshiba)	Sanyo	
	Input		W	1800	2415	3650
	Rated current(RLA)		A	8.3	11.35	6.5
	Locked rotor Amp(LRA)		A	38	64.7	48
	Thermal protector			Internal	Internal	Internal
	Capacitor		µF	50	50	
	Refrigerant oil		ml	520	850	1700
Outdoor air flow		m3/h	2800	3800	5600	
Outdoor noise level		dB(A)	53	55	60	
Outdoor unit	Dimension(W*H*D)		mm	880x540x305	925x700x366	1050x995x400
	Net/Gross weight		kg	48/50	54/59	92/100
Refrigerant piping	Liquid side/ Gas side		mm	6.35/12.7	9.52/15.88	9.52/19.05
	Max. pipe length		m	15	20	20
	Max. difference in level		m	8	10	10
Ambient temp		°C	-7 to 50	-7 to 50	-7 to 50	

Unit performance rated in accordance with T3 High ambient design (50 °C)

Specification are subject to change without notice.



EURO-AIRE



High-Ambient Range Floor Standing Units

SPECIFICATIONS

2 TON FLOOR STANDING

Also Available:



Model		EA1FS24OFC22	
Power supply		Ph-V-Hz	220V~240V-50Hz
Cooling	Capacity	BTU	24000
	Input	W	2490
	Rated current	A	11.7
	EER		2.65
Compressor	Type		Rotary
	Brand		GMCC (Toshiba)
Indoor Unit	Noise level	dB(A)	42-46
	Unit dimension (W*H*D)	mm	480x230x1652
	Packing (W*H*D)	mm	1850x380x575
	Net weight	Kg	38
	Gross weight	Kg	49
Outdoor Unit	Noise level	dB(A)	56
	Unit dimension (W*H*D)	mm	870x310x700
	Packing (W*H*D)	mm	990x410x780
	Net weight	Kg	58
	Gross weight	Kg	62
	Refrigerant type		R-22
	Refrigerant charge	g	1400
Design pressure	MPa	2.45	
Refrigerant pipe	Liquid side	mm	9.52
	Gas side	mm	15.88

Specifications are subject to change without notice.





4 TON FLOOR STANDING

- Modern and attractive design.
- LCD (Liquid Crystal Display).
- 24 Hour independent timer.
- High performance fan.
- Immediate cooling.
- Air sweep with wide angle of distribution.
- Low noises operation.
- Aesthetic, multifunction remote control.
- Auto restart and memory function.
- Low power consumption.
- Wireless remote control
- Modern and attractive design.
- Fan speed and air swing control.
- Sleep mode and on - off timers.
- Auto restart function.



High-Ambient Range Floor Standing Units

Also Available:



SPECIFICATIONS 4 TON FLOOR STANDING

Model		AUF-48C58F510D2(T) T1	
Power supply		Ph-V-Hz	380~400-50 Hz
Cooling	Capacity	BTU	50000
	Input	W	5530
	Rated current	A	9.7
	EER		2.62
Compressor	Type		Scroll
	Brand		Sanyo or equivalent
Indoor Unit	Noise level	dB(A)	57
	Unit dimension (W*H*D)	mm	600x313x1868
	Packing (W*H*D)	mm	2050x485x695
	Net weight	Kg	61
	Gross weight	Kg	75
Outdoor Unit	Noise level	dB(A)	67
	Unit dimension (W*H*D)	mm	970x350x1260
	Packing (W*H*D)	mm	1075x475x1385
	Net weight	Kg	108
	Gross weight	Kg	119
	Refrigerant type		R-22
	Refrigerant charge	g	3300
Refrigerant pipe	Design pressure	MPa	4.0-1.0
	Liquid side	mm	9.52
	Gas side	mm	12.7

Specifications are subject to change without notice.





High-Ambient Range Floor Standing R410 Heats & cool Inverter Series

Model			EAFGA-24ARDN410	EAFGA-48ARDN410
Power supply		Ph-V-Hz	220-240V~ 50Hz 1Ph	380-420V 3N~ 50Hz
Cooling	Capacity	Btu/h	24000	48000
	Input	W	2512	4690
	Rated current	A	10.9	8.5
	EER	W/W	2.80	3.00
Heating	Capacity	Btu/h	25000+7000	50000+12000
	Input	W	2116	4380
	Rated current	A	9.2	8.0
	COP	W/W	3.46	3.35
Max. input consumption		W	3000	7200
Max. current		A	13.5	13.0
Compressor	Type		Twin-rotary	Twin-rotary
	Brand		GMCC	MITSUBISHI
	Input	W	1150	4270
	Rated current(RLA)	A	9.7	12
Indoor fan motor	Input	W	152/123	300/283/120
	Speed(Hi/Mi/Lo)	r/min	515 / 425	550 / 510 / 300
Indoor coil	Number of rows		2	3
	Tube pitch(a)x row pitch(b)	mm	25.4x22	25.4x22
	Number of circuits		3	6
Indoor air flow (Hi/Mi/Lo)		m3/h	1000/830	2300/2130/1250
Indoor noise level (Hi/Mi/Lo)		dB(A)	51/47	60/57
Indoor unit	Dimension(W*D*H)	mm	510x240x1695	610x390x1925
	Packing (W*D*H)	mm	1860x625x375	2040x745x545
	Net/Gross weight	Kg	35 / 48	62 / 81
Outdoor fan motor	Input	W	103/78	142/127
Outdoor coil	Number of rows		2.5	1.6
	Fin spacing	mm	1.4	1.5
	Number of circuits		6	10
Outdoor air flow		m3/h	2700	6000
Outdoor noise level		dB(A)	56	63
Outdoor unit	Dimension(W*D*H)	mm	845x320x700	938x392x1369
	Packing (W*D*H)	mm	965x395x755	1095x495x1505
	Net/Gross weight	Kg	52/55	102/118
Refrigerant type		g	R410A/2100g	R410A/3800g

Unit performance rated in accordance with T3 High ambient design (30%)

Specification are subject to change without notice



High-Ambient Range Floor Standing R410



**2 TON, 4 TON
FLOOR STANDING**



Model			AUF-48CS8F510D2(T)410	EA1FS240FC410	
Panel		NO			
Rated volt and frequency		Ph-V-Hz	380V/50Hz/3PH	220-240/50	
Cooling	Cooling capacity	W	14000	7200	
	Cooling power input	W	5283	2780	
	Cooling current input	A	9.1	13.0	
	EER	w/w	2.65	2.59	
Heating	Heating capacity	W	15000	7700	
	Heating power input	W	5555	2650	
	Heating current input	A	9.7	12.4	
	COP	w/w	2.70	2.91	
Additional electrical heater power input (actual/label)		W	2500	2100	
Additional electrical heater current input(actual/label)		A	11.4	9.6	
Moisture Removal		Kg/h			
Max. input consumption		W	9500	5200	
Max. current		A	24	27.8	
Compressor	Model		C-SBN373HBD	LH45VBD	
	Type (Rotary, Piston, scroll)		Sanyo	Rotary	
	Brand	W	scroll	Mitsubishi	
	Capacity		13800	8000/8100	
	Power input	W	4500	2500/2600	
	LRA	A	60	11.6/11.5	
	RLA	A	9.1	61/67	
	Thermal protector capacity	uF-V	Internal	Internal	
	Refrigerant oil	ml	FV685 1700ml	DIAMOND MS-32(N-1) 900ml	
	Model		YDKF≠100-10B 1 320206022R	YDK-45-8A 3	
Fan motor	Power input	W	277(B)	186	
	capacity	uF	6uF/500V	4	
	Indoor Fan Speed RPM	r/min	High 480±20rpm Med 400±25rpm Low 300±30rpm	High 500±20rpm Med 450±25rpm Low 400±30rpm	
Indoor fan	dia. x lengt	mm	Φ380x180	Φ350x154	
Indoor	Evaporator	Rows x Tubes x Circuits	KFR-120L/B(B22A)+1A.1.1.1		
		Tube pitch x row pitch x Fin spacing	mm	2x36 25x21.65x1.42	2x28x 25x22x1.6
		Fin type		open window fin	open window fin
	Tube outside dia.and typ	mm	Φ9.52/Internal thread tube	Φ9.52/Internal thread tube	
	Coil length x height x width	mm	480x900x44	374x704x44	
	Indoor Air Circulation	m ³ /h	1800	1100	
	Indoor Noise Level dB	dB(A)	53	47	
Dimension (LxWxH)	mm	600*313*1868	1730x480x300		
Packing (LxWxH)	mm	2050x485x695	1885x415x575		
Net/Gross weight	Kg	61/75	38/49		
Outdoor	Fan motor	Model	YDK-60-66 1 320222075R	YDK-60C-6F	
		Power input	W	138	162
		Capacity	uF	4	4
	Outdoor fan	Outdoor Fan Speed RPM	r/min	840±20	850
		dia. x Hig	mm	Φ460x180	460X180
	Condenser	Rows x Tubes x Circuits		CF-120A6A-F+7A.4.1 CF-120A6A-F+7A.4.2	2x46 2x26x4
		Tube pitch x row pitch x Fin spacing	mm	25x21.65x1.8	25x21.65x1.8
		Fin type		open window fin	arc-shaped open window fin
		Tube outside dia. and typ	mm	Φ9.52x0.35/Internal thread tube	Φ9.52x0.35/Internal thread tube
		Coil length x height x width	mm	895x600x21.65x2 905x600x21.65x2	728x650x21.65 762x650x21.65
Cooling capillary/Heating auxiliary capillary	mm	62	57		
Outdoor Noise Level dB	dB(A)	970x350x1260	870x310x700		
Dimension (LxWxH)	mm	1075x475x1385	990x410x780		
Packing (LxWxH)	mm	108/119	56/60		
Net/Gross weight	Kg	ZX-LW023 R410A/3450	ZX-LW004 R410/1950g		
Refrigerant type/weight	g	4.0/1.2	2.7/0.7		
Design pressure (Hi/Low)	MPa	Φ9.52+x19.05x5000	Φ9.52+Φ15.88x5000		
Liquid side/ Gas side/Length	mm		15/5		
Max. refrigerant pipe length	m				
/Max. difference in level					
Power cord(line numberX line diameter X length)					
Indoor&Outdoor connecting cable(line numberX line diameter X length)					

Unit performance rated in accordance with T3 High ambient design (50 °C) Specification are subject to change without notice.



8 TON FLOOR STANDING

- Heavy duty metal indoor unit
- Top discharge outdoor unit
- High performance fan
- Immediate cooling
- Air sweep with wide angle of distribution
- Low power consumption
- Phase reversal protection
- 3 minutes compressor delay protection

High-Ambient Range Floor Standing Units

Also Available:



SPECIFICATIONS

8 TON FLOOR STANDING

Model		LF-28W/TL
Indoor Unit		CFAi-96C
Outdoor Unit		COW-96CS
Cooling Capacity	Btu/h	96000
Power Supply	V, Hz, Ph	380~400-50Hz
Power Input	W	8585
EER	Btu/w.h	11.14
Air Flow Volume	m3/h	3700/3500/3250
Noise Level[dB(A)]	HI/MED/LOW	60/56/52
Net Dimension(mm)	Body(W*D*H)	1200x1854x380
Net Weight (Kg)	Body	129
	Liquid	12.7
Piping Size(mm)	Gas	19.05
	Drainage	DN25
Application Area		m2
		140~187

Unit performance rated in accordance with T3 High ambient design (50 °C)



Specifications are subject to change without notice.



High-Ambient Range Floor Ceiling R22 Cool only Series

Model			CUA-18C/COU-18C	CUA-24C/COU-24C	CUA-36C/COU-36CS	CUA-48C/COU-48CS
Power supply		V-Ph-Hz	220V/1Ph/50Hz	220V/1Ph/50Hz	220-240V/1Ph/50Hz	220-240V/1Ph/50Hz
Cooling	Capacity	Btu/h	18000	24000	36000	48000
	Input	W	1910	2480	4040	5560
	Rated current	A	8.7	11.6	7.9	11
	EER	W/W	2.77	2.86	2.60	2.53
Indoor fan motor	Input	W	130	150	240	165+165
	Speed(hi/mi/lo)	r/min	1350/1270/1180	980/880/780	1310/1210/1110	1320/1140/1010
Indoor coil	c.Fin spacing	00	2	1.4	1.7	1.5
Indoor air flow (Hi/Mi/Lo)		m3/h	790/670/540	1300/1100/900	1500/1300/1100	2300/1900/1600
Indoor noise level(Hi/Mi/Lo)		dB(A)	48/43/38	48/43/39	50/47/44	52/48/45
Indoor unit	Dimension (W*H*D)	Body(mm)	880×635×205	1245×680×244	1245×680×244	1670×680×244
		Panel(mm)	/	/	/	/
	Packing (W*H*D)	Body(mm)	970×725×301	1325×770×325	1325×770×325	1750×770×325
		Panel(mm)	/	/	/	/
	Net/Gross weight	Body (Kg)	30/32	35/41	37/43	47/54
	Panel (Kg)	/	/	/	/	
Refrigerant type			R22	R22	R22	R22
Controller			Remote Controller	Remote Controller	Remote Controller	Remote Controller
Max. input consumption		W	2300	3260	5130	7320
Max. current		A	11.6	14.8	9.2	13.2
Compressor	Type		Rotary	Rotary	Scroll	Scroll
	Brand		Mitsubishi	GMCC	Sanyo	SANYO
Outdoor motor fan	Speed (hi/lo)	r/min	920	850	800	780
Outdoor coil		mm	Inner grooved	Inner grooved	Inner grooved	Inner grooved
	Coil length x height x width	mm	768×504×26.74	768×650×21.65	884×950×21.65	818×1276×19.05
Outdoor air flow		m3/h	2800	3800	5600	6100
Outdoor noise level		dB(A)	53	55	60	60
Outdoor unit	Dimension(W*H*D)	mm	880×540×305	925×700×366	1050×995×400	911×1330×400
	Packing (W*H*D)	mm	920×585×335	990×770×410	1145×1120×475	964×1445×402
	Net/Gross weight	kg	36/38	54/59	92/100	88/99

Unit performance rated in accordance with T3 High ambient design (50°C)

Specification are subject to change without notice



Air / Water Cooled Rooftop Package Unit



Air Cooled Rooftop Packaged Type Specification

		(Ton)	3	4	5	6.2	7.5	8.5	10	10	12.5	15	15	17.5	20	25
Model			EARCT-36CW	EARCT-48CW-R	EARCT-60CW-R	EARBT-482CW-R	EARBT-678CW-R	EARBT-885CW-R	EARBT-100CW-R	MRBT-100HW-R	EARBT-125CW-R	EARBT-150CW-R	EARBT-150HW-R	EARBT-175CW-R	EARBT-200CW-R	EARBT-250CW-R
Power Supply		V/Ph/Hz	380-415V/3/50	380-415V/3/50	380-415V/3/50	380-415V/3/50	380-415V/3/50	380-415V/3/50	380-415V/3/50	380-415V/3/50	380-415V/3/50	380-415V/3/50	380-415V/3/50	380-415V/3/50	380-415V/3/50	380-415V/3/50
Cooling	Cooling Capacity (1)	Btuh	36000	48000	55000	73400	89000	107000	120000	120000	150000	180000	180000	210000	240000	300000
		KW	10.5	14	16	21.5	26	31.4	35	35	44	53	53	60	70	87
Cooling	Cooling Capacity (2)	Btuh	32000	42700	48500	61300	85500	89500	110300	110300	135900	159000	159000	185500	210700	263000
		KW	9.4	12.8	14.2	18	23.6	26.3	32.3	32.3	39.8	46.9	46.9	54.4	61.7	77
Max. input consumption (no E-heater)		KW	5.5	7.4	8.4	14.5	15.4	16.2	17.4	17.5	21.5	24.8	27	28.1	31.9	46.7
Max. current		A	28.1	12.6	14.3	25.5	27.6	29.2	31.9	32.1	41	48	52.3	53.1	58.7	87.9
Performance	Indoor fan air flow	CFM	1270	1600	1600	2500	3000	3400	4000	4000	5000	6000	6000	6800	7800	10200
	ESP	Pa	50	50	50	60	60	75	75	75	75	90	90	100	100	170
Indoor Coil	Number of rows		3	4	4	2	2	3	3	3	3	3	3	3	3	4
	Fin spacing	mm	1.7	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.7	1.6
Indoor fan	Type		Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower	Centrifugal Blower
	Quantity		1	1	1	1	1	1	1	1	1	1	1	1	1	1
Compressor	Type		Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
	Quantity		1	1	1	2	2	2	2	2	2	2	2	2	2	2
Outdoor Coil	Number of rows		1	2	2	3	3	3	3	3	3	3	3	3	3	3.5
	Fin spacing	mm	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6
Outdoor sound level (sound pressure level)		dB(A)	62	65	65.2	70.3	70.3	72.2	72.2	72.2	72.3	72.4	72.4	72.4	74.2	75.1
Refrigerant	Type		R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22	R22
	Refrigerant volume	kg	2	3.55	3.1	2.2+2	2.2+2	3.0+2	3.2+2	3.0+2	8+3.7	8.8+3.8	9.4+4.3	8.0+2	8.0+2	9.4+2
Dimensions	Net(W*H*D)	mm	730*830*1102	730*830*1102	730*830*1102	2089*900*1235	2089*900*1235	2165*1002*1335	2165*1002*1335	2165*1002*1335	2220X1245*11825	2220X1245*11825	2220X1245*11825	2753*1245X2157	2753*1245X2157	2753*1245X2157
	Packing(W*H*D)	mm	785*870*1152	785*870*1152	785*870*1152	2135*940*1315	2089*980*1235	2220X1040X1415	2220X1040X1415	2220X1040X1415	2230X1280X1855	2230X1280X1855	2230X1280X1855	2780X1280*12175	2780X1280*12175	2780X1280*12175
Weight	Net weight	kg(lbs)	156(344)	167(368)	167(368)	370(816)	370(816)	425(937)	425(937)	425(937)	680(1499)	690(1521)	720(1587)	900(1984)	940(2072)	965(2127)
	Gross weight	kg(lbs)	158(350.5)	170(375)	170(375)	414(913)	414(913)	438(966)	448(988)	473(1042)	700(1543)	710(1565)	740(1631)	915(2017)	955(2105)	980(2169)

Water Cooled Packaged Type Specification

Model		EA-F35W/S	EA-F60W/S	EA-F80W/S	EA-F100W/S	EA-F120W/S	EA-F135W/S	EA-F145W/S	
Cooling capacity	kW	35	60	80	100	120	135	145	
Rated power	kW	8.75	15.2	19	23.8	29.5	34.1	3.9	
EER	W/W	4	3.95	3.95	4.07	3.97	3.9	37.2	
Rated current	A	17.8	30.9	37.2	45	58.5	62.5	68.2	
Power supply		380V,3N-50Hz							
Compressor	Type	Scroll							
	Start-up mode	Direct start-up							
	Output Power	kW	3.6x2	3.05x4	4.0x4	3.05x6	8.0x3	9.5x3	10.5x3
	Lubricating Oil	L	1.8x2	1.8x4	1.8x4	1.8x6	3.0x3	3.3x3	3.3x3
Refrigerent	Type	R22							
	kg	8x1	8x2	9x2	8x3	9.0x3	9.5x3	9.5x3	
Fan motor	No. of Fan	1	1	1	2	2	2	2	
	Motor	kW	1.5	2.8	3	5.3	5.5	5.5	5.5
	Drive	Belt Driven							
Static pressure	Air volume	m ³ /h	6500	11000	14000	18200	20600	20600	22000
	Pa	147	147	147	147	147	230	250	
Condenser	Water Flow Rate	m ³ /h	7.5	12.9	16.5	22.1	26.7	28.8	30.9
	Water resistance	Pa	9806	9806	9806	9806	9806	9806	9806
Evaporator	Inlet/Outlet Pipe Diameter	mm/inch	40(1-1/2")	65(2-1/2")	65(2-1/2")	65(2-1/2")	65(2-1/2")	65(2-1/2")	
	mm/inch	25(1")	25(1")	25(1")	25(1")	25(1")	25(1")	25(1")	
Height(Net/Gross)	mm	1839/2047	1839/2047	1839/2047	1839/2047	1839/204	1839/2047	1839/2047	
length(Net/Gross)	mm	1090/1250	1420/1640	1420/1640	1912/2152	1912/21527	1912/2152	1912/2150	
width(Net/Gross)	mm	1055/1230	1055/1230	1055/1230	1055/1230	1055/1230	1055/1230	1055/1230	
Net/Gross weight	kg	430/470	690/723	700/733	820/870	830/880	840/890	850/900	

Over-load protection, high/low pressure protection, anti-frost protection, and inner temp. Protection of compressor, phase-sequence Specification are subject to change without notice.



Safety Protection

- Protection for over-high discharge pressure.
- Protection for over-low suction pressure.
- Power supply phase sequence protection.
- Anti-freezing protection in cooling mode.
- Anti-freezing protection in Winter.
- Protection for compressor over current.
- Protection for compressor overload.
- Outlet and inlet water temperature difference protection.
- Compressor discharge temperature protection.
- Water flow cut-off protection.



Small Tonnage Air Cooled Liquid Modular Chillers

SPECIFICATION

Model		EACC-F35W/SB	EACC-F35W/SB	EACC-F35W/SB	EACC-F35W/SB	
Cooling Capacity	kW	35	55	65	130	
Heating Capacity	kW	38	60	71	142	
Power input	Cooling	11.4	17	20.1	40.2	
	Cooling rated current	A	19	31.5	67.5	
	Heating	11.8	17.5	20.8	41.6	
	Heating rated current	A	20	34.3	69.8	
Power supply	V/Ph/Hz	380/3/50	380/3/50	380/3/50	380/3/50	
Power supply	Manual switch	A	125	125	250	
	Fuse	A	36	100	100	200
Max. Input consumption	kW	12.8	26	27.8	54.9	
Max. Current	A	24.4	44.7	47.4	95	
Compressor	Type	Scroll (fixed speed)	Scroll (fixed speed)	Scroll (fixed speed)	Scroll (fixed speed)	
	Brand	Copeland	Copeland	Copeland	Copeland	
Refrigerant	Quantity	Pieces	1	2	4	
	Type		R22	R22	R22	
	Refrigerant control		EXV	EXV+ capillary	EXV+ capillary	
	Weight	kg	5.8	6.2	6.2	6.4
Condenser (Air side)	Type		Fin-coil	Fin-coil	Fin-coil	
	Quantity of fan motor	Pieces	1	2	2	4
	Air flow	*10 ³ m ³ /h	13.5	27	27	54
	Fan motor rated current	A	3.7	3.7.2	3.7.2	3.7.4
	Fan motor input	kW	0.8	0.8.2	0.8.2	0.8.4
	Type		Double-pipe	Shell-tube	Shell-tube	Shell-tube
Evaporator (Water side)	Water pressure drop	kPa	55	28	28	32
	Water inlet/outlet pipeline inside nominal diameter	mm	DN40	DN65	DN65	DN65
	Water flow	m ³ /h	6.8	9.5	11.2	22.4
	Max. Pressure	MPa	1	1	1	1
Dimension	Water pipe connection type		Flexible joint	Flexible joint	Flexible joint	
	Net(WxHxD)	mm	946 x 1580 x 956	946 x 1580 x 2000	946 x 1580 x 2000	2065 x 1600 x 2065
	Packing size(WxHxD)	mm	995 x 1700 x 1010	1010 x 1700 x 2090	1010 x 1700 x 2090	2140 x 1720 x 2130
Weight	Net weight	kg	270	520	520	1030
	Operation weight	kg	300	580	580	1130
	Signal wiring	mm ²	10_4+6_1	16_4+10_1	16_4+10_1	35_3+16_2
Connection	Power current	mm ²	0.75_3-core with shielding	0.75_3-core with shielding	0.75_3-core with shielding	0.75_3-core with shielding
Control type	Noise level	dB(A)	65	67	67	70
			Wired controller	Wired controller	Wired controller	Wired controller

Note: Specifications are based on the following conditions:
 • **Cooling:** chilled water inlet/outlet: 12 / 7, and outdoor ambient temp. of 35°C DB.
 • **Heating:** warm water inlet/outlet: 40/45, and outdoor ambient temp. 7°CDB/6°CWB.
 • **Water side fouling factor:** 0.086m²/kW.

Unit performance rated in accordance with T3 High ambient design (50 °C)

Specifications are subject to change without notice.



Low Capacity Fan Coil Unit

- various choices for air volume & static pressure, to meet different project requirements
- Extended drip tray, coherent design, easy installation and maintenance
- Stable air flow with little turbulence
- Three Fan speed selectable.
- Compact Size

SPECIFICATIONS

Model FP-			600WAY30	800WAY30	1200WAY30	1500WAY50		
Air flow	H/M/L	m ³ /h	1020/765/510	1360/1020/680	2040/1530/1020	2550/2100/1300		
	H/M/L	CFM	600/450/300	800/600/400	1200/900/600	1500/1240/760		
External Static pressure			Pa	30	30	50		
Cooling	Capacity	H/M/L	kW	5.8/4.88/4.45	8.2/6.88/6.25	11.9/8.8/3.35	13.5/11.5/10.1	
	Water flow rate	H	l/h	998	1410	1892	2322	
	Water pressure drop	H	kPa	36	39	39	40	
Heating	Capacity	H/M/L	kW	9.8/8.6/7.4	13.6/11.97/10.2	20.1/18.27/15.43	17.5/14.9/13.2	
	Water pressure drop	H	kPa	31.6	33.8	34.6	37	
Power supply			V/ph/Hz	220-240/1/50	220-240/1/50			
Power input	30Pa	H	W	114	154	220	236	
Electric heater capacity			E	W	1600	2200	3200	4100
Sound pressure level	30Pa	H/M/L	dB(A)	45/41/35	46/42/36	48/44/38	48/44/39	
Fan motor	Type	Low noise 4-speed fan motor		Low noise 4-speed fan motor				
	Quantity	1		2		2		
Fan	Type	Centrifugal, forward - curved Blades Centrifugal,						
	Quantity	2		4		4		
Coil	Row		4		4		4	
	Max. Working pressure	MPa	1.6		1.6		1.8	
	Diameter		44		Φ9.52		Φ9.52	
Body	Dimensions	W×H×D	44	1161×241×522	1461×241×522	1856×241×522	1369×342×612	
	Packing	W×H×D	44	1210×260×550	1510×260×550	1905×260×550	1421×381×619	
	Net weight	*/E	kg	23/25	31.9/34.4	39.5/43	46	
	Gross weight	*/E	kg	26/28	35.5/38	43/46.5	49.8	
Pipe connection	Water inlet/outlet pipe	Inch	RC3/4		RC3/4			
	Drain pipe	44	ODΦ24		ODΦ24			

note: * for units without electrical heater E for units with electrical heater

SPECIFICATIONS

Model	External Pressure	Air Flow	6 Rows Coil		Drain Pipe Diameter	Dimension(mm)			Noise
			Cooling Capacity	Water Flow		L	W	H	
NSGFDP1.5A	Pa	m ³ /h	kW	m ³ /h	DN	L	W	H	<dB(A)
NSGFDP2.0A	150	1500	11	1.93	32	900	820	540	54
NSGFDP2.5A	150	2000	14.5	2.46	32	900	1010	540	58
NSGFDP3.0A	250	2500	18.3	3.14	32	950	1200	540	59
NSGFDP3.0A	250	3000	22	3.79	40	950	1230	600	60
NSGFDP4.0A	250	4000	29.5	5.06	40	1050	1260	700	62
NSGFDP5.0A	250	5000	37	6.44	50	1300	1600	700	62
NSGFDP6.0A	300	6000	45	7.77	50	1300	1600	800	65
NSGFDP7.0A	300	7000	53	9.08	50	1350	1670	850	65
NSGFDP7.0B	300	7000	54	9.29	50	1300	1990	700	64
NSGFDP8.0A	300	8000	60	10.45	65	1350	1760	850	66
NSGFDP8.0B	300	8000	62	10.75	65	1300	2250	700	65
NSGFDP9.0A	300	9000	67	11.64	65	1450	1620	1000	68
NSGFDP9.0B	300	9000	70	12.05	65	1350	2180	800	66
NSGFDP10A	350	10000	76	13.07	65	1450	1760	1000	69
NSGFDP10B	350	10000	76	13.34	65	1350	2120	850	66
NSGFDP12A	350	12000	92	15.82	65	1500	1890	1100	72
NSGFDP12B	350	12000	95	16.27	65	1350	2490	870	70
NSGFDP14A	350	14000	109	18.73	65	1500	2190	1100	73
NSGFDP14B	350	14000	110	19.02	65	1500	2600	950	71

Data for 6 row coil. Also available in 4 and 8 row configuration

Cooling test condition: Inlet air DB=27°C, Inlet air WB=19.5°C, Water Inlet=7°C, Water Outlet=5°C.

When Heating, the capacity will be about 140% of cooling capacity in the data, water flow of heating is about 70% of cooling in the data.

External static pressures are indicated as standard. Customization can be done to adjust ESP

Noise testing is done in an anechoic chamber by recording sound data at several points of 1m far from the body of unit.

Specifications are subject to change without notice.

Also available



Decorative wallmounted Fan Coil Unit



Floor Ceiling Ducted Fan Coil Unit



Cassettes Type Fan Coil Unit

Residential & light commercial



Capacity (Btu/h)		12,000	18,000	24,000	36,000	48,000	60,000
Unitary type Commercial R22	Side discharge outdoor unit						
	Top discharge outdoor unit						
	Ceiling-floor						
	4-way cassette						
	Low ESP ducted Split						
	Mid ESP ducted Split						
	High ESP ducted Split						

Engineered System Group (ESG Range)

Series		Picture	Capacity Range	Capacity								
				12-25KW	30-40KW	50KW	65KW	75KW	100KW	130KW	150KW	200KW
Water Cooled Screw Chiller	Single Compressor		100~980KW									
	Double Compressor		200~1960KW									
Pakaged Unit	Water Cooled Package Unit		50~200KW									
	Roof-top		10~120KW									
Air cooled Chiller and terminal units												

Greaves Provide services associated with air-conditioning, including supply, installation and maintenance of central HVAC systems and packaged units. This entails capability of Sales, installation and maintenance for special applications.



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