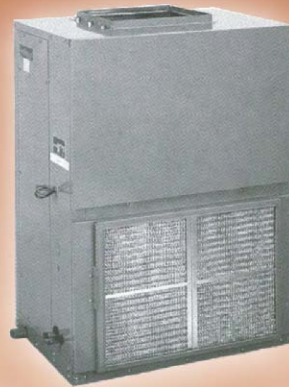


GemCool

AIR CONDITIONING EQUIPMENTS



Address :

GEMCOOL CORPORATION

6010 Vintage Pointe Overlook
Mableton, GA 30126 - U.S.A.

LCU SERIES - Condensing Units

GemCool

**Tropicalized Series
for Severe Climate
50 HZ**

Condensing Units Features

- ☛ Quiet operation with sound insulating blanket and rubber mounting on compressor
- ☛ Energy efficient and reliable rotary / scroll compressor reducing noise and vibration
- ☛ Rubber support on the coil guard
- ☛ Extra strong molded valve support (1.5 mm. Thickness) for easy installation
- ☛ Fully charged for 5 meters refrigerant piping
- ☛ Extra heavy duty fan motor and motor support
- ☛ Flare couplings with three-way service valves
- ☛ Electrogalvanized and phosphate coated steel cabinet with baked-on finished coat
- ☛ Hydrophilic coated aluminum fins



TECHNICAL DATA

MODEL : LCU		COOLING ONLY									
CONDENSING UNIT		LFU-12	LFU-18	LFU-24	LFU-30	LFU-36	LFU-44	CCU-48	CCU-48	CCU-48	CCU-48
CAPACITY											
Cooling	Btu/h	7,000	9,000	12,000	18,000	24,000	30,000	36,000	48,000	56,000	60,000
	kW	2.05	2.64	3.52	5.28	7.03	8.79	10.55	14.07	16.41	17.58
POWER SUPPLY Vac./ph./Hz.		220-240/1/50						380-420/3/50			
POWER INPUT											
Cooling	kW	0.68	0.87	1.15	1.93	2.43	2.95	3.38	4.49	5.23	5.75
RUNNING CURRENT											
Cooling	Amp	3.11	3.98	5.26	8.83	11.12	13.50	15.47	6.82	7.95	8.74
AIR FLOW											
	CFM	1,000	1,200	1,200	1,600	1,800	2,000	2,000	2,400	3,600	3,600
NOISE											
	dBA	46	48	49	50	50	52	52	54	56	56
COIL											
Type		CORRUGATED FIN, STRAIGHT-EDGE									
Fin/Inch		14									
Tube Dia		3/8"									
FAN TYPE		PROPELLER									
CONNECTION											
Liquid Pipe	mm. (inch)	6.35 (1/4)			9.52 (3/8)			12.70 (1/2)			
Suction Pipe	mm. (inch)	6.35 (1/4)		12.70 (1/2)		15.88 (5/8)		19.05 (3/4)			
DIMENSION * Applicable for floor standing position											
Height	mm.	535		595		640		795		1,050	
Width	mm.	765		870		970		970		976	
Depth	mm.	280		320		400		400		400	
NET WEIGHT											
	kg	28	31	37	47	65	73	75	96	105	

Available with R-407C also

- Note.**
1. The nominal cooling capacity and electrical characteristics are based on ARI standard 27°C DB, 19°C WB indoor temp. and 35°C DB outdoor temp. at high speed.
 2. Due to continuing research in energy saving technology, design and specifications are subject to change without notice.
 3. All LCU units are with Reciprocating / Scroll Compressors.

Concealed Type
50 HZ



Remote Control



- ☛ Digital wired control
- ☛ LCD display
- ☛ Auto restart at the last function setting
- ☛ 3 fan speeds plus auto-fan
- ☛ Cool, dry and fan only modes
- ☛ Sleep Function
- ☛ Anti-frost control
- ☛ Random start
- ☛ 12 hours timing programming

TECHNICAL DATA

MODEL : CFU		COOLING ONLY (R-22)					
FAN COIL UNIT		CFU - 18	CFU - 24	CFU - 30	CFU - 36	CFU - 48	CFU - 60
MATCHING CONDENSING UNIT		LCU - 18	LCU - 24	LCU - 30	LCU - 36	LCU - 48	LCU - 60
CAPACITY							
Cooling	Btu/h	18,250	24,300	30,300	36,250	48,000	59,200
	kW	5.35	7.12	8.88	10.62	14.07	17.35
DEHUMIDIFICATION	L/h	2.53	3.27	4.02	5.05	7.05	8.10
POWER SUPPLY	Vac./Ph/Hz	220-240/1/50				380-420/3/50	
POWER CURRENT							
Cooling	kW	1.78	2.45	3.05	3.64	5.36	6.65
RUNNING CURRENT							
Cooling	Amp	8.15	11.21	13.96	16.66	8.14	10.10
AIR FLOW	CFM	590	785	980	1,150	1,500	1,780
NOISE	dBA	38	40	41	42	46	47
COIL							
Type		SLIT FIN, STRAIGHT-EDGE					
Fin/Inch		14	14	14	12	12	12
Tube Dia.		3/8"					
FAN TYPE							
CENTRIFUGAL DIRECT DRIVE							
CONNECTION							
Liquid	mm. (inch)	9.52 (3/8)				12.70 (1/2)	
Suction	mm. (inch)	15.88 (5/8)				19.05 (3/4)	
DIMENSION							
Height	mm.	287					
Width	mm.	815	1,095		1,247	1,552	1,755
Depth	mm.	440					
NET WEIGHT	kg	17	22	22	23	32	36

Available with R-407C also

Note.

1. The nominal cooling capacity and electrical characteristics are base on ARI standard 27°C DB, 19°C WB indoor temp. And 35°C DB out door temp. At high speed.
2. Due to continuing research in energy saving technology, design and specifications are subject to change without notice.

**Ducted Type
(High Static Pressure)
50 HZ**



INDOOR FEATURES

- ☛ High static pressure
- ☛ Efficient cooling
- ☛ Return Plenum
- ☛ Air Filter



REMOTE CONTROL

- ☛ Digital wired control
- ☛ LCD display
- ☛ Auto restart at the last function setting
- ☛ 3 fan speeds plus auto-fan
- ☛ Cool, dry and fan only modes
- ☛ Sleep function
- ☛ Anti-frost control
- ☛ Random start
- ☛ 12 hours timing programming

TECHNICAL DATA

MODEL : AHU		COOLING ONLY (R-22)				
FAN COIL UNIT		AHU-18	AHU-24	AHU-36	AHU-48	AHU-60
MATCHING CONDENSING UNIT		LCU-18	LCU-24	LCU-36	LCU-48	LCU-60
CAPACITY						
Cooling	Btu/h	18,600	24,300	36,450	48,500	59,400
	kW	5.45	7.12	10.68	14.21	17.41
DEHUMIDIFICATION	l/h	2.48	3.35	5.16	6.07	8.12
POWER SUPPLY	Vac./ph/Hz	220-240/1/50			380-420/3/50	
POWER INPUT						
Cooling	kW	1.94	2.56	3.87	5.62	6.87
	RUNNING CURRENT					
Cooling	Amp	8.88	11.72	17.71	8.54	10.44
	AIR FLOW	CFM	675	850	1,300	1,450
NOISE	dBA	38	40	47	53	57
COIL						
Type	LOUVER SLIT FIN					
Fin/Inch	14					
Tube Dia.	3/8"					
FAN TYPE						
CENTRIFUGAL DIRECT DRIVE						
CONNECTION						
Liquid	mm.(inch)	9.52 (3/8)			12.70 (1/2)	
Suction	mm.(inch)	15.88 (5/8)			19.05 (3/4)	
DIMENSION						
Height	mm.	274		325		383
Width	mm.	1,130		1,372		1,372
Depth	mm.	661		747		808
NET WEIGHT	kg	34	36	49	58	61

Available with R-407C also

Note.

1. The nominal cooling capacity and electrical characteristics are based on ARI standard 27°C DB, 19°C WB indoor temp. & 35°C DB outdoor temp. at high speed.
2. Due to continuing research in energy saving technology, design and specifications are subject to change without notice.

INDOOR FEATURES

- ☛ Ultra quiet operation
- ☛ Modern style in attractive color
- ☛ Efficient cooling
- ☛ Air filters
- ☛ Auto swing louver

REMOTE CONTROL



- ☛ Infrared remote control
- ☛ LCD display
- ☛ Auto restart at the last function setting
- ☛ 3 fan speeds plus auto-fan
- ☛ Cool, dry and fan only modes
- ☛ Sleep function
- ☛ Anti-frost control
- ☛ Random start
- ☛ 12 hours timing programming
- ☛ Drain pump failure alarm



TECHNICAL DATA

MODEL : CCU		COOLING ONLY				
FAN COIL UNIT		CCU-12	CCU-18	CCU-24	CCU-36	CCU-48
MATCHING CONDENSING UNIT		LCU-12	LCU-18	LCU-24	LCU-36	LCU-48
CAPACITY						
Cooling	Btu/h	12,100	18,000	24,100	36,000	48,000
	kW	3.55	5.28	7.06	10.55	14.07
DEHUMIDIFICATION	l/h	1.54	2.45	3.22	5.12	7.15
POWER SUPPLY	Vac./ph/Hz	220-240/1/50				380-420/3/50
POWER INPUT						
Cooling	kW	1.16	1.83	2.53	3.76	5.56
RUNNING CURRENT						
Cooling	Amp	5.55	8.76	12.11	17.99	9.27
AIR FLOW	CFM	380	575	785	1,150	1,450
NOISE	dBA	35	36	37	40	44
COIL						
Type		COATED SLIT FIN, STRAIGHT EDGE				
Fin/Inch		20	20	16	14	14
Tube Dia.		7 mm.		3/8"		
FAN TYPE						
TURBO FAN						
CONNECTION						
Liquid	mm.(inch)	6.35 (1/4)		9.52 (3/8)		12.70 (1/2)
Suction	mm.(inch)	12.70 (1/2)		15.88 (5/8)		19.05 (3/4)
DIMENSION						
FRONT PANEL (DxWxH)	mm.	645x645x80			950x950x75	
CASING (DxWxH)	mm.	565x575x265			835x840x295	
NET WEIGHT FRONT PANEL	kg	3.00			7.20	

Available with R-407C also

Note.

1. The nominal cooling capacity and electrical characteristics are based on ARI standard 27°C DB, 19°C WB indoor temp. and 35°C DB outdoor temp. at high speed.
2. Due to continuing research in energy saving technology, design and specifications are subject to change without notice.

Universal Type (Floor / Ceiling Mounted) 50 HZ

INDOOR FEATURES

- ☛ Ultra quiet operation
- ☛ Modern Style in Attractive Color
- ☛ Efficient cooling
- ☛ Air filters

REMOTE CONTROL

- ☛ Infrared remote control
- ☛ LCD display
- ☛ 3.fan speeds plus auto-fan
- ☛ Sleep function
- ☛ Cool, dry and fan only modes
- ☛ Anti-frost control



7- Segment
LED display



Full function handset

OPTION FOR SPECIAL VERSION (LFS SERIES)

- ☛ Digital display receiver
- ☛ Auto swing (left-right)
- ☛ Room or setting Temperature display by 7-segment LED
- ☛ 24 hours timing programming
- ☛ Auto restart at the last function setting



Auto swing (left-right)



TECHNICAL DATA

MODEL : LFU		COOLING ONLY							
FAN COIL UNIT		LFU-12	LFU-18	LFU-24	LFU-30	LFU-36	LFU-44	CCU-48	LFU-60
MATCHING CONDENSING UNIT		LCU-12	LCU-18	LCU-24	LCU-30	LCU-36	LCU-44	LCU-48	LCU-60
CAPACITY									
Cooling	Btu/h	12,100	18,100	24,100	30,100	36,050	44,100	48,100	58,800
	kW	3.55	5.30	7.06	8.82	10.57	12.92	14.10	17.23
POWER SUPPLY	Vac./ph/Hz.	220-240/1/50						380-420/3/50	
POWER INPUT									
Cooling	kW	1.16	1.8	2.43	3.04	3.66	4.89	5.6	6.66
RUNNING CURRENT									
Cooling	Amp	5.31	8.24	11.12	13.91	16.75	7.43	8.51	10.12
AIR FLOW	CFM	385	585	780	970	1120	1350	1460	1800
NOISE	dBA	35	37	39	40	42	44	45	46
COIL									
Face Area	(m ²)	0.2	0.2	0.2	0.27	0.27	0.36	0.36	0.4
Fin/Inch		16	16	14	12				
Type		CORRUGATED FIN							
Tube Dia		3/8"							
FAN TYPE		CENTRIFUGAL DIRECT DRIVE							
CONNECTION									
Liquid Pipe	mm.(inch)	6.35 (1/4)	9.53(3/8)	9.53(3/8)	9.53(3/8)	9.53(3/8)	12.7(1/2)	12.7(1/2)	12.7(1/2)
Suction Pipe	mm.(inch)	12.7 (1/2)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)	19.05(3/4)	19.05(3/4)	19.05(3/4)
DIMENSION		* Applicable for floor standing position							
Height	mm.	602							
Width	mm.	1,000		1,300		1,800			
Depth	mm.	225							
NET WEIGHT	kg	29	30.5	30.5	39	39	53	53	54

Available with R-407C also

Note.

1. The nominal cooling capacity and electrical characteristics are based on ARI standard 27°C DB, 19°C WB indoor temp. and 35°C DB outdoor temp. at high speed.
2. Due to continuing research in energy saving technology, design and specifications are subject to change without notice.

PFU SERIES

**Floor Standing Type
(Slim Casing)
50 HZ**

GemCool

INDOOR FEATURES

- ☛ Ultra quiet operation
- ☛ Modern style in attractive color
- ☛ Efficient cooling
- ☛ Air filters
- ☛ Hydrophilic coated aluminum fins (Optional)
- ☛ Slim casing
- ☛ Auto swing lower
- ☛ Built-in Control

OPTION FOR DIGITAL WIRED CONTROL

- ☛ LCD display
- ☛ Auto restart at the last function setting
- ☛ 2 fan speeds plus auto-fan
- ☛ Cool, dry and fan only modes
- ☛ Anti-frost control
- ☛ Random start
- ☛ 12 hours timing programming

Less time and freedom installation



Gem Cool thought of everything. Even installation is made easier by a number of thoughtful little details.

Far less maintenance requirements

An open grille system which permits filters to be moved smoothly and easily. The long-life filter which requires no servicing for up to 2,500 * hours in general office environment, helps greatly reduce maintenance time.

(* May vary according to operating conditions.)

Available with R-407C also



TECHNICAL DATA

MODEL : PFU		COOLING ONLY			
FAN COIL UNIT		PFU-24	PFU-36	PFU-48	PFU-60
MATCHING CONDENSING UNIT		PFU-24	PFU-36	PFU-48	PFU-60
CAPACITY					
Cooling	Btu/h	24,150	36,000	48,000	58,850
	kW	7.08	10.55	14.07	17.25
DEHUMIDIFICATION					
	l/h	3.33	5.18	7.13	8.18
POWER SUPPLY					
	Vac./ph/Hz.	220-240/1/50			380-420/3/50
POWER INPUT					
Cooling	kW	2.55	3.78	5.54	6.72
RUNNING CURRENT					
Cooling	Amp	11.67	17.30	8.42	10.21
AIR FLOW					
	CFM	780	1,120	1,400	1,600
NOISE					
	dBA	37	40	44	45
COIL					
Type		SLIT FIN, STRAIGHT - EDGE			
Fin/Inch		16	16	14	14
Tube Dia.		7 mm.	3/8"		
FAN TYPE		SIROCCO FAN			
CONNECTION					
Liquid	mm.(inch)	9.52(3/8)		12.70(1/2)	
Suction	mm.(inch)	15.88(5/8)		19.05(3/4)	
DIMENSION					
Height	mm.	1,680	1,900		
Width	mm.	480	600		
Depth	mm.	295		375	
NET WEIGHT					
	kg	53.50	56	58	59

Note.

1. The nominal cooling capacity and electrical characteristics are based on ARI standard 27°C DB, 19°C WB indoor temp. and 35°C DB outdoor temp. at high speed.
2. Due to continuing research in energy saving technology, design and specifications are subject to change without notice.

Package Unit / Fan Coil Unit 50 HZ

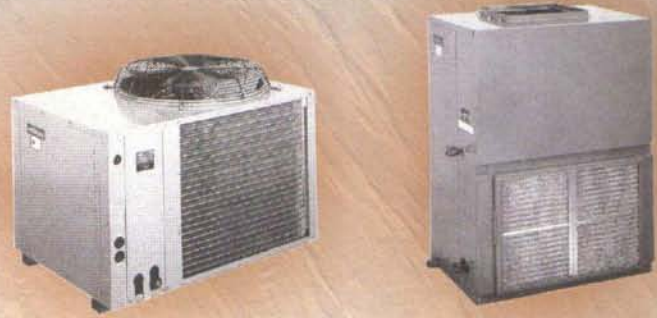
FEATURES

CONDENSING UNIT

- Hermetic sealed reciprocating or scroll compressor are available in models PC05Z to PC30Z
- Semi-hermetic reciprocating compressor are available in models PC35-01 to PC80-01.
- Magnetic contactor.
- Liquid and Discharge valve.
- High and low pressure switch.

FAN COIL UNIT

- Heavily zinc coated galvanized steel cabinet.
- Permanent and washable air filter.
- Motor with a set of variable pitch diameter pulleys.
- Blower are belt driven by induction motor.
- Thermally and acoustically insulated.



TECHNICAL DATA

MODEL CDU / FCU	COOLING CAPACITY			AIR FLOW		DIMENSIONS (mm) CDU / FCU			NET WEIGHT CDU / FCU	
	Btu/h	KW	Kcal/h	cfm	L/s	HEIGHT	WIDTH	DEPTH	lb	kg
PC 05Z/PFD, PHD 05-01	58,200	17.06	14,666	2,000	944	791 / 1, 100-500	1,060 / 930-930	740 / 535-1,155	364 / 209	165 / 95
PC 06Z/PFD, PHD 05-01	60,900	17.85	15,347	2,000	944	791 / 1, 100-500	1,060 / 930-930	740 / 535-1,155	370 / 209	168 / 95
PC 09Z/PFD, PHD 09-01	91,800	26.90	23,134	3,000	1,416	975 / 1, 100-500	1,140 / 1,350-1,350	810 / 535-1,155	496 / 309	225 / 140
PC 10Z/PFD, PHD 09-01	99,700	29.22	25,124	3,000	1,416	975 / 1, 100-500	1,140 / 1,350-1,350	810 / 535-1,155	500 / 309	227 / 140
PC 12Z/PFD, PHD 12-01	132,400	38.81	33,365	4,400	2,076	985 / 1, 100-600	1,300 / 1,480-1,480	950 / 660-1,180	514 / 397	233 / 180
PC 15Z/PFD, PHD 12-01	152,200	44.61	38,354	4,400	2,076	888 / 1, 100-600	2,440 / 1,480-1,480	1,130 / 660-1,180	602 / 397	273 / 180
PC 15Z/PFD, PHD 20-01	158,300	46.40	39,892	6,000	2,831	888 / 1, 300-700	2,440 / 1,480-1,480	1,130 / 760-1,380	602 / 485	273 / 220
PC 20Z/PFD, PHD 20-01	192,700	56.48	48,560	6,000	2,831	888 / 1, 300-700	2,440 / 1,480-1,480	1,130 / 760-1,380	922 / 485	418 / 220
PC 20Z/PFD, PHD 25-01	212,700	62.34	53,600	8,000	3,775	888 / 1, 300-700	2,440 / 1,960-1,960	1,130 / 760-1,380	922 / 551	418 / 250
PC 25Z/PFD, PHD 25-01	242,800	71.16	61,186	8,000	3,775	888 / 1, 300-700	2,440 / 1,960-1,960	1,130 / 760-1,380	970 / 551	440 / 250
PC 25Z/PFD 30-01	250,000	73.28	63,000	10,000	4,719	888 / 1,575	2,440 / 2,290	1,130 / 940	970 / 1,354	440 / 614
PC 30Z/PFD 30-01	296,700	86.96	74,768	10,000	4,719	888 / 1,575	3,302 / 2,290	1,130 / 940	1,213 / 1,354	550 / 614
PC 30Z/PFD 35-01	312,600	91.62	78,775	12,000	5,663	888 / 2,180	3,302 / 2,970	1,130 / 1,055	1,231 / 1,834	550 / 832
PC 35-01 / PFD 35-01	350,000	102.59	88,200	12,000	5,663	1,540 / 2,180	2,595 / 2,970	2,040 / 1,055	1,705 / 1,834	814 / 832
PC 40-01 / PFD 35-01	377,700	110.70	95,180	12,000	5,663	1,540 / 2,180	2,595 / 2,970	2,040 / 1,055	1,819 / 1,834	825 / 832
PC 35-01 / PFD 40-01	360,000	105.52	90,720	14,000	6,607	1,540 / 2,330	2,595 / 2,970	2,040 / 1,055	1,795 / 1,944	814 / 882
PC 40-01 / PFD 40-01	390,000	114.31	98,280	14,000	6,607	1,540 / 2,330	2,595 / 2,970	2,040 / 1,055	1,819 / 1,944	825 / 882
PC 50-01 / PFD 40-01	440,500	129.11	111,006	14,000	6,607	1,490 / 2,330	3,180 / 2,970	2,040 / 1,055	1,909 / 1,944	866 / 882
PC 50-01 / PFD 50-01	486,200	142.51	122,522	16,000	7,550	1,490 / 2,535	3,180 / 3,100	2,040 / 940	1,909 / 2,355	866 / 1,068
PC 60-01 / PFD 50-01	548,200	160.68	138,146	16,000	7,550	1,490 / 2,535	3,180 / 3,100	2,040 / 940	1,955 / 2,355	887 / 1,068
PC 60-01 / PFD 60-01	564,100	165.34	142,153	18,000	8,494	1,490 / 2,860	3,180 / 3,370	2,040 / 1,245	1,955 / 2,425	887 / 1,100
PC 70-01 / PFD 70-01	698,900	204.85	176,123	20,000	9,438	1,490 / 3,070	3,945 / 3,630	2,040 / 1,315	2,897 / 2,535	1,314 / 1,150
PC 80-01 / PFD 70-01	746,900	218.92	188,219	20,000	9,438	1,490 / 3,070	3,945 / 3,630	2,040 / 1,315	3,106 / 2,535	1,409 / 1,150
PC 70-01 / PFD 80-01	730,800	214.20	184,162	22,000	10,382	1,490 / 3,275	3,945 / 3,630	2,040 / 1,390	2,897 / 2,705	1,314 / 1,227
PF 80-01 / PFD 80-01	783,600	229.67	197,467	22,000	10,382	1,490 / 3,275	3,945 / 3,630	2,040 / 1,390	3,106 / 2,705	1,409 / 1,227

Available with R-407C also

Note.

- The nominal cooling capacity and electrical characteristics are based on ARI standard 27°C DB, 19°C WB indoor temp. and 35°C DB outdoor temp. at high speed.
- Due to continuing research in energy saving technology, design and specifications are subject to change without notice.

Air Cooled Package Unit 50 HZ

FEATURES

- ☛ Heavily zinc coated galvanized steel cabinet.
- ☛ Various static pressure.
- ☛ Motor with a set of variable pitch diameter pulleys.
- ☛ Blower motors are fitted with inherent thermal protectors.
- ☛ Hermetic compressors.
- ☛ Permanent split capacitor condenser fan motor.



OPTIONAL COMPONENTS

- ☛ Room thermostat.
- ☛ Under and over voltage protector.

TECHNICAL DATA

Model	SR	036Z	052Z	060Z	077Z	104T	122T	154Z	206T	244T	307T	360T		
Nominal Cooling Capacity	KW	10.8	14.9	17.8	22.6	28.3	35.3	43.1	57.4	70.8	84.5	103		
27 CDB/19.5 CWB indoor air temp.	MBH	37	51	61	77	97	120	147	196	242	288	351		
35°C Outdoor air temp.	Kcal / h	9287	12812	15306	19433	24334	30353	37059	49355	60677	72657	88564		
Power source	V/Ph/Hz	380 / 3 / 50												
Unit outside dimension (mm)	Height	785			943			992		1302	1292	1495	1495	
	Width	1020			1020			1400		1890				
	Depth	1470			1670			2290		2490				
Unit net weight	Kgs	175	180	190	270	290	480	520	870	880	990	999		
Compressor	Type hermetically sealed	Scroll			Reciprocate			Scroll		Reciprocate				
	Quantity	1	1	1	2	1	1	1	2	2	3	3		
Condenser	Type	Plate fin (corrugate type) bonded with copper tube												
	Face area	m ²	0.69	0.87	0.87	1.07	1.42	1.82	2.06	2.5	3.18	3.76	3.76	
	Row / No. Of fin	Fins / m	2 / 551	2 / 551	2 / 551	3 / 551	3 / 551	3 / 551	3 / 551	3 / 551	3 / 551	3 / 551	3 / 551	
Condenser Fan	Type	Propeller												
	Dia - No.	Inch.	24 - 1	24 - 1	24 - 1	26 - 1	28 - 1	26 - 2	28 - 2	24 - 2	24 - 2	24 - 2		
	Drive	Direct												
Nominal air flow rate	L / S	1600	2000	2000	2250	2670	4250	4500	5340	7250	8000	8000		
Condenser Motor	Type	Permanant split capacitor												
	Power Input (each)	W	4000	4000	4000	654	654	654	654	630	400	400	400	
	Quality		1	1	1	1	1	2	2	2	4	4	4	
Evaporator	Type	Plate fin (slit type) bonded with plain or inner groove copper tube												
	Face area	m ²	0.25	0.32	0.32	0.59	0.63	0.78	0.87	1.32	1.58	1.83	1.83	
	Row / No. Of fin	Fins / m	3 / 551	3 / 551	4 / 551	3 / 551	3 / 551	3 / 551	3 / 551	3 / 551	3 / 551	3 / 551	4 / 551	
Evaporator Fan	Type	Double intel centrifugal type (DWDI)												
	D . W . NO.	Inch.	9 - 7 - 2			9 - 9 - 2			10-10-2		12-12-2		15-15-2	
	Drive	Direct												
Nominal air flow rate	L / S	570	770	850	1150	1500	1830	2170	3000	3660	4330	4330		
Air flow range (Min. - Max.)	L / S	460 - 480	620 - 930	680 - 940	920 - 1390	1200 - 1810	1464 - 2200	1740 - 2550	2400 - 3610	2930 - 4410	3464 - 5220	3464 - 5220		
Evaporator Motor	Type	Totally enclosed induction motor												
	Power output (each)	Kw	0.557	0.557	0.557	1.85	1.85	2.73	2.73	4.47	6.38	6.38	6.38	
	Quality		1	1	1	1	1	1	1	1	1	1	1	
Air - filter	Type	Permanent and washable												
	Quality / Thickness	mm				2-25							6 - 25	
	Size	mm	311 x 457			495 x 457			530 x 606		368 x 565		438 x 565	
Standard component	Refrigerant	R - 22												
	Metering device	Thermostatic expansion valve												
	Control system (Option)	Electronic room thermostat												
Safety devices	Compressor and motor overload protector													
	High and low pressure switch, filter drier													
Shipping dimension (mm)	Height	850			1008			1057		1367	1357	1560	1560	
	Width	1070			1070			1450		1940				
	Depth	1550			1750			2370		2340		2570		
Shipping Weight	Kgs.	195	200	210	300	320	530	570	960	970	1080	1090		

Available with R-407C also

Note.

1. The nominal cooling capacity and electrical characteristics are based on ARI standard 27°C DB, 19°C WB indoor temp. and 35°C DB outdoor temp. at high speed.
2. Due to continuing research in energy saving technology, design and specifications are subject to change without notice.