

**C** Cooling  
**H** Heat Pump  
R-22



Tomorrow's Technology for  
Today's Good Living

# Globo

## Series

Amena's Globo series are a group of air conditioning products designed for markets where maximum ambient temperatures are not more than 43°C. These products are available in both cooling only and heat-pump versions (in case of the wall mounted, the ducted and the floor-ceiling types). These series include the wall mounted, the cassette, the ducted, the floor-ceiling and the ceiling concealed split systems. Following are the product lineups.

### Outdoor Units : PC and VC Models

Amena's Globo series outdoor units with the capacity range from 9,000 – 48,000 Btu/hr have polymer casing which is corrosion-resistant ideal for sea coast application. For the 60,000 Btu/hr outdoor unit, the casing is made from high grade galvanized steel.

#### Features

- Service-friendly design for ease of installation, service and maintenance.
- Factory pre-charged with refrigerant providing great convenience in installation .
- Powered by powerful and yet quiet and efficient rotary compressors in case of 9,000-36,000 BTU and scroll compressors for 48,000 and 60,000 Btu/Hr.
- Light weight ,durable and corrosion-resistant, ideal for seaside installations in case of polymer outdoor unit.



### Controls and Their Features

The controls for the wall mounted, the floor-ceiling are wireless types, but for the ducted units they are wired types. Following are some of their interesting features :

- Dry-keep function for added comfort at sleep time .
- Twenty-four-hour Timer On and Timer Off available.
- Automatic changeover function for the heat pump units.
- Multi-speed controls for flexible choices of comfort levels.
- Auto-restart function when the power returns after a breakdown
- Auto-air sweep incase of the wall mounted, the cassette, and the floor-ceiling units.
- Wireless type remote controls for the WX, SU and LC ,SC models; wired controls for DNM and CM models.



Wireless Remote Control



Wired Remote Control



Amena wall mounted split system air conditioner has an indoor unit designed to be installed on the room wall for beauty and saving valuable floor space. It is very compact and light in weight. It's front fascia is quite trendy with modern flat fascia. Beside the 9,000 - 28,000 BTU/Hr range, Amena wall mounted splits include the uniquely designed Jumbo wall mounted splits that cover the capacities from 36,000 BTU/hr - 48,000 BTU/hr with the ability to deliver an air discharge as far as 12 metres. Following are key features of these products.



### Features

- Blue fins for hydrophilic property.
- High efficiency and quiet operation.
- Permanent anti-bacterial and antifungal filter and drain tray.
- Compact and light quite suitable for installation on the wall.
- Anti-bacterial filters with nano copper, nano silver and activated charcoal (optional).
- Service-friendly construction facilitating disassembly for service without using any tooling.
- Super long air throw for fast air distribution and wide space coverage in case of 36,000 and 48,000 BTU unit.

## PC/SU and VC/SU Models : Floor-ceiling type Split System Air Conditioner

This type of split system is also known as a “universal” or “convertible” split system air conditioner. This is so called because of its flexible installation applications, namely, on the floor, on a low wall or under the ceiling. The system is most adequate for shop houses, restaurants, schools, offices, canteens, bars, halls and so on. Here are some of its interesting features.



### Features

- Wired or wireless electronic control capable.
- Built for ease of installation, service and maintenance.
- Wide range of capacities catering to all cooling or heating needs.
- Elegant and attractive design blending well with modern interior decor.
- Versatile installations, namely, on a floor, on a low wall or under room ceiling.
- Multi-speed fan motor facilitating choices of air flow to suit each individual needs.

## PC/DNM and VC/DNM Models : Ducted Type Split System Air Conditioner

The indoor unit is built from high quality steels and electronically powder painted and baked for durability. It is designed specifically for easy installation and maintenance. This unit is suitable for a luxury house, a residence, a shop and light commercial installations where no obtrusive indoor unit sitting on the wall or hanging under the ceiling is unwelcome. Besides, the indoor unit is only 27 CM high (in case of DNM 18) and 30 CM. (in case of DNM 24 to DNM 60). Here are some of the key features and benefits.



### Features

- High performance in cooling and heating.
- Low profile indoor unit fitting into most ceiling voids.
- Equipped with adequate devices for safe operation.
- Available in both cooling only type and heat pump version.
- Five-speed indoor unit fan motor for multiple choices of optimal air flow.
- System is pre-charged with R-22 refrigerant to facilitate convenient installation.
- Indoor unit casing is fabricated from heavy gauge galvanized steel with oven baked electrostatic powder coating paint.
- Light-weight polymer outdoor unit casing for anti-corrosion and ease of transport (in case of PC18-PC 48 and steel casing for VC60).



Condensing Unit



### Specifications

Model	Indoor Unit		WX10MNVC-LPRZ	WX13MNVC-LPRZ	WX18MNVC-LPRZ	WX24MNVC-LPRZ	WX30MNVC-LPRZ	WX36MNVC-LPRZ	WX48MNVC-LPRZ	
	Outdoor Unit		PC10RSVC-LRRZ	PC13RSVC-LRRZ	PC18RSVC-LRRZ	PC24RSVC-LRRZ	PC30RSVC-LRRZ	PC36RSVC-LRRZ	PC48CSYC-LRRZ	
Nominal Cooling Capacity	Btu/hr		9000	12000	18000	24000	28000	36000	48000	
	W		2640	3500	5300	7050	8200	10550	14100	
Moisture Removal	L/hr		0.33	1.17	1.74	2.23	3.94	3.89	5.61	
Power Supply	V/Ph/Hz		220-240/1/50						380-415/3/50	
Running Current	Cooling	A	4.30	5.60	8.50	11.50	12.70	17.20	8.60	
Power Consumption	Cooling	W	960	1280	1850	2600	2920	3860	4950	
Efficiency	Cooling	EER	9.38	9.38	9.37	9.23	9.59	9.33	9.70	
Control	Type		LCD Wireless Remote Control							
Piping Connection	Type		Flare							
	Liq./Gas/Drain	mm	ø6.4/9.5/OD.16	ø6.4/12.7/OD.16	ø9.5/15.9/OD.16					
	Max. Length	m	15		30					
	Max. Height	m	+/-10		+/-15					

Indoor Unit			WX10MNVC-LPRZ	WX13MNVC-LPRZ	WX18MNVC-LPRZ	WX24MNVC-LPRZ	WX30MNVC-LPRZ	WX36MNVC-LPRZ	WX48MNVC-LPRZ		
Evaporator Coil	Row		1.7	2	2.23	2	2.23	2	2.27		
	Tube	mm	ø7/Grooved								
Blower	Type		Cross Flow Fan								
	No.		1					2			
Fan Motor	Type		Permanent Split Capacitor								
	Power Supply	V/Ph/Hz	220-240/1/50								
	No.		1					2			
	Full Load Current	A	0.30					0.30x2		0.44x2	
	Nominal Output	W	20			24		24x2		48x2	
Nominal Air Flow Rate	l/s		165	190	260	330	400	470	565		
Sound Pressure Level at 1 m.	dB (A)		44/36/32/26	45/37/33/27		48/40/37/33	48/42/38/33	53/50/46/41			
Unit Dimensions	HxWxD	mm	315x824x245			315x1147x245		378x1557x300			
Packing Dimensions	HxWxD	mm	321x870x375			321x1200x375		356x1646x456			
Net Weight	kg		11	12	13	16	17	26	28		
Gross Weight	kg		15	16	17	21	22	32	34		

Outdoor Unit			PC10RSVC-LRRZ	PC13RSVC-LRRZ	PC18RSVC-LRRZ	PC24RSVC-LRRZ	PC30RSVC-LRRZ	PC36RSVC-LRRZ	PC48CSYC-LRRZ	
Condenser Coil	Row		1		1.38	2	1	1.5	2	
	Tube	mm	ø7/Grooved				ø9.5/Grooved			
Fan	Type		Propeller Direct Drive							
	No.		1							
Fan Motor	Type		Permanent Split Capacitor							
	Power Supply	V/Ph/Hz	220-240/1/50							
	Full Load Current	A	0.38		0.62	1.15	1.66			
	Nominal Output	W	27		70	112	216			
Compressor	Type		Rotary							Scroll
	Power Supply	V/Ph/Hz	220-240/1/50							380-415/3/50
Refrigerant	Type		R-22							
	Charging weight	Kg	0.70	0.95	1.22	1.75	1.90	2.50	3.30	
Nominal Air Flow Rate	l/s		470		565	660	1230	1500	1650	
Sound Pressure Level at 1 m.	dB (A)		48		57		63			
Unit Dimensions	HxWxD	mm	601x869x315				755x1035x378			
Packing Dimensions	HxWxD	mm	655x923x403				830x1148x453			
Net Weight	kg		35	37	39	40	62	65	67	
Gross Weight	kg		40	42	44	45	68	71	73	

Note :

Cooling capacity and electric characteristics are based on 27°C DB, 19°C WB indoor temp. and 35°C outdoor temp. at highest speed. System is operative up to 43°C outdoor temp. Because of our policy of continuous improvement we reserve the right to make changes in all specifications without notice.



Condensing Unit



### Specifications

Model	Indoor Unit		WX10MNVH-LPRZ	WX13MNVH-LPRZ	WX18MNVH-LPRZ	WX24MNVH-LPRZ	WX30MNVH-LPRZ	WX36MNVH-LPRZ	WX48MNVH-LPRZ	
	Outdoor Unit		PC10RSVH-LRRZ	PC13RSVH-LRRZ	PC18RSVH-LRRZ	PC24RSVH-LRRZ	PC30RSVH-LRRZ	PC36RSVH-LRRZ	PC48CSYH-LRRZ	
Nominal Cooling Capacity	Btu/hr		9000	12000	18000	23000	28000	36000	48000	
	W		2640	3500	5300	6740	8200	10550	14100	
Nominal Heating Capacity	Btu/hr		10000	12500	18000	23000	28000	38000	50000	
	W		2930	3660	5300	6740	8200	11140	14650	
Moisture Removal	L/hr		0.04	0.77	1.97	1.91	3.80	3.56	5.22	
Power Supply	V/Ph/Hz		220-240/1/50						380-415/3/50	
Running Current	Cooling	A	4.30	5.50	8.60	11.00	12.60	17.10	8.60	
	Heating	A	4.10	5.00	7.70	9.40	11.70	15.70	8.00	
Power Consumption	Cooling	W	970	1220	1900	2480	2900	3850	4980	
	Heating	W	900	1150	1690	2100	2700	3500	4600	
Efficiency	Cooling	EER	9.28	9.84	9.47	9.27	9.66	9.35	9.64	
	Heating	COP	11.11	10.87	10.65	10.95	10.37	10.86	10.87	
Control	Type		LCD Wireless Remote Control							
Piping Connection	Type		Flare							
	Liq./Gas/Drain	mm	ø6.4/9.5/OD.16	ø6.4/12.7/OD.16	ø9.5/15.9/OD.16				ø12.7/19.0/OD.16	
	Max. Length	m	15			30				
	Max. Height	m	+/-10			+/-15				

Indoor Unit			WX10MNVH-LPRZ	WX13MNVH-LPRZ	WX18MNVH-LPRZ	WX24MNVH-LPRZ	WX30MNVH-LPRZ	WX36MNVH-LPRZ	WX48MNVH-LPRZ		
Evaporator Coil	Row		1.7	2	2.23	2	2.23	2	2.27		
	Tube	mm	ø7/Grooved								
Blower	Type		Cross Flow Fan								
	No.		1					2			
Fan Motor	Type		Permanent Split Capacitor								
	Power Supply	V/Ph/Hz	220-240/1/50								
	No.		1					2			
	Full Load Current	A	0.30					0.30x2	0.44x2		
	Nominal Output	W	20			24		24x2	48x2		
Nominal Air Flow Rate	l/s		165	190	260	330	400	470	565		
Sound Pressure Level at 1 m.	dB (A)		44/36/32/26	45/37/33/27		48/40/37/33	48/42/38/33	53/50/46/41			
Unit Dimensions	HxWxD	mm	315x824x245			315x1147x245		378x1557x300			
Packing Dimensions	HxWxD	mm	321x870x375			321x1200x375		356x1646x456			
Net Weight	kg		11	12	13	16	17	26	28		
Gross Weight	kg		15	16	17	21	22	32	34		

Outdoor Unit			PC10RSVH-LRRZ	PC13RSVH-LRRZ	PC18RSVH-LRRZ	PC24RSVH-LRRZ	PC30RSVH-LRRZ	PC36RSVH-LRRZ	PC48CSYH-LRRZ	
Condenser Coil	Row		1		1.38	2	1		2	
	Tube	mm	ø7/Grooved			ø9.5/Grooved				
Fan	Type		Propeller Direct Drive							
	No.		1							
Fan Motor	Type		Permanent Split Capacitor							
	Power Supply	V/Ph/Hz	220-240/1/50							
	Full Load Current	A	0.38		0.62		1.15		1.66	
	Nominal Output	W	27		70		112		216	
Compressor	Type		Rotary							
	Power Supply	V/Ph/Hz	220-240/1/50							
Refrigerant	Type		R-22							
	Charging weight	Kg	0.70	0.95	1.35	1.75	2.25	2.75	3.45	
Nominal Air Flow Rate	l/s		470		565	660	1230	1500	1650	
Sound Pressure Level at 1 m.	dB (A)		48		57		63			
Unit Dimensions	HxWxD	mm	601x869x315				755x1035x378			
Packing Dimensions	HxWxD	mm	655x923x403				830x1148x453			
Net Weight	kg		35	37	39	40	62	65	67	
Gross Weight	kg		40	42	44	45	68	71	73	

Note :

\* Cooling capacity and electric characteristics are based on 27°C DB, 19°C WB indoor temp. and 35°C outdoor temp. at highest speed. System is operative up to 43°C outdoor temp.  
 \*\* Heating capacity and electric characteristics are based on 20°C DB indoor temp. and 7°C DB, 6°C WB outdoor temp. at highest speed. System is operative down to -5°C outdoor temp.  
 Because of our policy of continuous improvement we reserve the right to make changes in all specifications without notice.



Condensing Unit



### Specifications

Model	Indoor Unit		SU13MNVCLPRZ	SU18MNVCLPRZ	SU24MNVCLPRZ	SU30MNVCLPRZ	SU36MNVCLPRZ	SU48MNVCLPRZ	SU60MNVCLPRZ	
	Outdoor Unit		PC13RSVCLTRZ	PC18RSVCLTRZ	PC24RSVCLTRZ	PC30RSVCLTRZ	PC36RSVCLTRZ	PC48CSYCLTRZ	VC60CSYCLTRZ	
Nominal Cooling Capacity	Btu/hr		12500	19500	24000	30000	36000	48000	60000	
	W		3660	5700	7030	8800	10550	14100	17600	
Moisture Removal	L/hr		0.98	1.33	1.57	1.85	2.07	2.30	5.89	
Power Supply	V/Ph/Hz		220-240/1/50					380-415/3/50		
Running Current	Cooling	A	5.90	9.40	11.40	14.00	18.00	8.50	10.50	
	Cooling	W	1340	2070	2570	3190	4010	4930	6100	
Efficiency	Cooling	EER	9.33	9.42	9.34	9.40	8.98	9.74	9.84	
Control	Type		LCD Wireless Remote Control							
Piping Connection	Type		Flare							
	Liq./Gas/Drain	mm	ø9.5/15.9/OD.16					ø12.7/19.0/OD.16		
	Max. Length	m	15						30	
	Max. Height	m	+/-10						+/-15	

Indoor Unit			SU13MNVCLPRZ	SU18MNVCLPRZ	SU24MNVCLPRZ	SU30MNVCLPRZ	SU36MNVCLPRZ	SU48MNVCLPRZ	SU60MNVCLPRZ
Evaporator Coil	Row		2						3
	Tube	mm	ø7/Grooved						
Blower	Type		Double Intel Centrifugul Fan						
	No.		2			3		4	
Fan Motor	Type		Permanent Split Capacitor						
	Power Supply	V/Ph/Hz	220-240/1/50						
	No.		1					2	
	Full Load Current	A	0.36	1.12	1.26	1.69		1.69x2	
Nominal Output	W	27	93	123	200		200x2		
Nominal Air Flow Rate	l/s		190	280	380	470	565	755	900
Sound Pressure Level at 1 m.	dB (A)		43/40/37/34	48/46/44/42	53/49/47/42	54/52/49/47	55/54/49/47	55/54/53/52	
Unit Dimensions	HxWxD	mm	660x922x235	660x1028x255	660x1321x255		660x1718x255	660x1926x255	
Packing Dimensions	HxWxD	mm	748x942x326	748x1048x326	748x1341x326		748x1738x326	748x1946x326	
Net Weight	kg		26	30	40	45	56	67	73
Gross Weight	kg		28	33	44	49	61	73	79

Outdoor Unit			PC13RSVCLTRZ	PC18RSVCLTRZ	PC24RSVCLTRZ	PC30RSVCLTRZ	PC36RSVCLTRZ	PC48CSYCLTRZ	VC60CSYCLTRZ	
Condenser Coil	Row		1	1.38	2	1	1.5	2		
	Tube	mm	ø7/Grooved			ø9.5/Grooved				
Fan	Type		Propeller Direct Drive							
	No.		1							
Fan Motor	Type		Permanent Split Capacitor							
	Power Supply	V/Ph/Hz	220-240/1/50							
	Full Load Current	A	0.38	0.62		1.15	1.66			
	Nominal Output	W	27	70		112	216			
Compressor	Type		Rotary					Scroll		
	Power Supply	V/Ph/Hz	220-240/1/50					380-415/3/50		
Refrigerant	Type		R-22							
	Charging weight	Kg	0.80	1.35	1.45	1.80	2.60	3.35	3.60	
Nominal Air Flow Rate	l/s		470	565	660	1230	1500		1650	
Sound Pressure Level at 1 m.	dB (A)		48	57			63		64	
Unit Dimensions	HxWxD	mm	601x869x315			755x1035x378			975x920x334	
Packing Dimensions	HxWxD	mm	655x923x403			830x1148x453			1036x1058x420	
Net Weight	kg		37	39	40	62	65	67	80	
Gross Weight	kg		42	44	45	68	71	73	85	

Note :

Cooling capacity and electric characteristics are based on 27°C DB, 19°C WB indoor temp. and 35°C outdoor temp. at highest speed. System is operative up to 43°C outdoor temp. Because of our policy of continuous improvement we reserve the right to make changes in all specifications without notice.



Condensing Unit



Specifications

Model	Indoor Unit		SU13MNVH-LPRZ	SU18MNVH-LPRZ	SU24MNVH-LPRZ	SU30MNVH-LPRZ	SU36MNVH-LPRZ	SU48MNVH-LPRZ	SU60MNVH-LJRZ	
	Outdoor Unit		PC13RSVH-LTRZ	PC18RSVH-LTRZ	PC24RSVH-LTRZ	PC30RSVH-LTRZ	PC36RSVH-LTRZ	PC48CSYH-LTRZ	VC60CSYH-LTRZ	
Nominal Cooling Capacity	Btu/hr		12500	19000	24000	30000	36000	48000	60000	
	W		3660	5570	7040	8800	10550	14100	17600	
Nominal Heating Capacity	Btu/hr		13000	20000	25000	30000	38000	48000	60000	
	W		3800	5860	7330	8800	11140	14100	17600	
Moisture Removal	L/hr		0.78	1.00	1.25	1.88	2.32	2.74	5.61	
Power Supply	V/Ph/Hz		220-240/1/50					380-415/3/50		
Running Current	Cooling	A	5.80	9.40	11.60	14.10	18.10	8.60	10.30	
	Heating	A	4.60	7.90	9.70	10.90	15.70	7.60	8.70	
Power Consumption	Cooling	W	1340	2100	2610	3220	4040	4980	6100	
	Heating	W	1050	1720	2150	2540	3480	4100	5130	
Efficiency	Cooling	EER	9.33	9.05	9.20	9.32	8.91	9.64	9.84	
	Heating	COP	12.38	11.63	11.63	11.81	10.92	11.71	11.70	
Control	Type		LCD Wireless Remote Control							
Piping Connection	Type		Flare							
	Liq./Gas/Drain	mm	ø9.5/15.9/OD.16					ø12.7/19.0/OD.16		
	Max. Length	m	15		30					
	Max. Height	m	+/-10		+/-15					

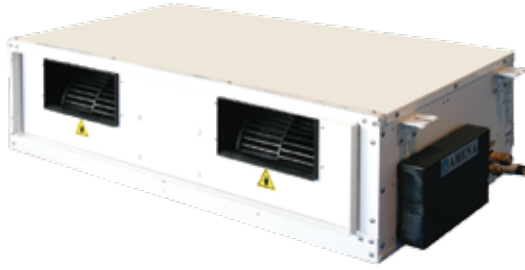
Indoor Unit			SU13MNVH-LPRZ	SU18MNVH-LPRZ	SU24MNVH-LPRZ	SU30MNVH-LPRZ	SU36MNVH-LPRZ	SU48MNVH-LPRZ	SU60MNVH-LJRZ		
Evaporator Coil	Row		2						3		
	Tube	mm	ø9.53/Grooved								
Blower	Type		Double Intel Centrifugal Fan								
	No.		2			3		4			
Fan Motor	Type		Permanent Split Capacitor								
	Power Supply	V/Ph/Hz	220-240/1/50								
	No.		1					2			
	Full Load Current	A	0.36	1.12	1.26	1.69		1.69x2			
Nominal Output	W	27	93	123	200		200x2				
Nominal Air Flow Rate	l/s	190	280	380	470	565	755	900			
Sound Pressure Level at 1 m.	dB (A)	43/40/37/34	48/46/44/42	53/49/47/42	54/52/49/47	55/54/49/47	55/54/53/52				
Unit Dimensions	HxWxD	mm	660x922x235	660x1028x255	660x1321x255		660x1718x255	378x1557x300			
Packing Dimensions	HxWxD	mm	748x942x326	748x1048x326	748x1341x326		748x1738x326	356x1646x456			
Net Weight	kg	26	30	40	45	56	67	73			
Gross Weight	kg	28	33	44	49	61	73	79			

Outdoor Unit			PC13RSVH-LTRZ	PC18RSVH-LTRZ	PC24RSVH-LTRZ	PC30RSVH-LTRZ	PC36RSVH-LTRZ	PC48CSYH-LTRZ	VC60CSYH-LTRZ	
Condenser Coil	Row		1	1.38	2	1	1.5	2		
	Tube	mm	ø7/Grooved			ø9.5/Grooved				
Fan	Type		Propeller Direct Drive							
	No.		1							
Fan Motor	Type		Permanent Split Capacitor							
	Power Supply	V/Ph/Hz	220-240/1/50							
	Full Load Current	A	0.38	0.62	1.15		1.66			
	Nominal Output	W	27	70	112		216			
Compressor	Type		Rotary					Scroll		
	Power Supply	V/Ph/Hz	220-240/1/50					380-415/3/50		
Refrigerant	Type		R-22							
	Charging weight	Kg	1.10	1.35	1.60	1.75	2.80	3.35	3.60	
Nominal Air Flow Rate	l/s	470	565	660	1230	1500		1650		
Sound Pressure Level at 1 m.	dB (A)	48	57			63		64		
Unit Dimensions	HxWxD	mm	601x869x315				755x1035x378		975x920x334	
Packing Dimensions	HxWxD	mm	655x923x403				830x1148x453		1036x1058x420	
Net Weight	kg	37	39	40	62	65	67	80		
Gross Weight	kg	42	44	45	68	71	73	85		

Note :

\* Cooling capacity and electric characteristics are based on 27°C DB, 19°C WB indoor temp. and 35°C outdoor temp. at highest speed. System is operative up to 43°C outdoor temp.  
 \*\* Heating capacity and electric characteristics are based on 20°C DB indoor temp. and 7°C DB, 6°C WB outdoor temp. at highest speed. System is operative down to -5°C outdoor temp.  
 Because of our policy of continuous improvement we reserve the right to make changes in all specifications without notice.





Condensing Unit



### Specifications

Model	Indoor Unit		DNM18BNVC-LPRZ	DNM24BNVC-LPRZ	DNM30BNVC-LPRZ	DNM36BNVC-LPRZ	DNM48BNVC-LPRZ	DNM60BNVC-LJRZ
	Outdoor Unit		PC18RSVC-LERZ	PC24RSVC-LERZ	PC30RSVC-LERZ	PC36RSVC-LERZ	PC48CSYC-LERZ	VC60CSYC-LERZ
Nominal Cooling Capacity	Btu/hr		20000	25000	30000	36000	48000	60000
	W		5850	7320	8800	10550	14100	17600
Moisture Removal	L/hr		1.08	1.48	1.68	1.50	2.30	4.80
Power Supply	V/Ph/Hz		220-240/1/50				380-415/3/50	
Running Current	Cooling	A	9.50	12.10	14.40	18.00	8.60	10.30
	Cooling	W	2100	2680	3310	4010	5000	6000
Efficiency	Cooling	EER	9.52	9.33	9.06	8.98	9.60	10.00
Control	Type		Without Control (Wired Control is Optional)					
Piping Connection	Type		Flare					
	Liq./Gas/Drain	mm	ø9.5/15.9/OD.16				ø12.7/19.0/OD.16	
	Max. Length	m	30					
	Max. Height	m	+/-15					

Indoor Unit			DNM18BNVC-LPRZ	DNM24BNVC-LPRZ	DNM30BNVC-LPRZ	DNM36BNVC-LPRZ	DNM48BNVC-LPRZ	DNM60BNVC-LJRZ
Evaporator Coil	Row		2	3	2		3	
	Tube	mm	ø7/Grooved					
Blower	Type		Double Intel Centrifugal Fan					
	No.		2					
Fan Motor	Type		Permanent Split Capacitor					
	Power Supply	V/Ph/Hz	220-240/1/50					
	No.		1					
	Full Load Current	A	1.26	2.12		2.21	3.49	
	Nominal Output	W	123	217		311	527	
Nominal Air Flow Rate	l/s	420	530	660	750	940		
Sound Pressure Level at 1 m.	dB (A)	50/47/45/43	50/47/42/38	52/48/42/40		59/55/49/45		
Unit Dimensions	HxWxD	mm	270x880x513	300x880x513	300x1180x633		300x1400x633	
Packing Dimensions	HxWxD	mm	316x971x521	358x971x521	358x1271x671		358x1491x671	
Net Weight	kg	26	30	35	43	51		
Gross Weight	kg	28	32	38	46	55		

Outdoor Unit			PC18RSVC-LERZ	PC24RSVC-LERZ	PC30RSVC-LERZ	PC36RSVC-LERZ	PC48CSYC-LERZ	VC60CSYC-LERZ
Condenser Coil	Row		1.38	2	1	1.5	2	
	Tube	mm	ø7/Grooved			ø9.5/Grooved		
Fan	Type		Propeller Direct Drive					
	No.		1					
Fan Motor	Type		Permanent Split Capacitor					
	Power Supply	V/Ph/Hz	220-240/1/50					
	Full Load Current	A	0.62		1.15		1.66	
	Nominal Output	W	70		112		216	
Compressor	Type		Rotary				Scroll	
	Power Supply	V/Ph/Hz	220-240/1/50				380-415/3/50	
Refrigerant	Type		R-22					
	Charging weight	Kg	1.35	1.55	1.80	2.30	3.35	3.60
Nominal Air Flow Rate	l/s	565	660	1230	1510	1650		
Sound Pressure Level at 1 m.	dB (A)	57			63		64	
Unit Dimensions	HxWxD	mm	601x869x315		755x1035x378		975x920x334	
Packing Dimensions	HxWxD	mm	655x923x403		830x1148x453		1036x1058x420	
Net Weight	kg	39	40	62	65	67	80	
Gross Weight	kg	44	45	68	71	73	85	

Note :

Cooling capacity and electric characteristics are based on 27°C DB, 19°C WB indoor temp. and 35°C outdoor temp. at highest speed. System is operative up to 43°C outdoor temp. Because of our policy of continuous improvement we reserve the right to make changes in all specifications without notice.



Condensing Unit



### Specifications

Model	Indoor Unit		DNM18BNVH-LPRZ	DNM24BNVH-LPRZ	DNM30BNVH-LPRZ	DNM36BNVH-LPRZ	DNM48BNVH-LPRZ	DNM60BNVH-LJRZ
	Outdoor Unit		PC18RSVH-LERZ	PC24RSVH-LERZ	PC30RSVH-LERZ	PC36RSVH-LERZ	PC48CSYH-LERZ	VC60CSYH-LERZ
Nominal Cooling Capacity	Btu/hr		19000	25000	30000	36000	48000	57000
	W		5600	7320	8800	10550	14100	16700
Nominal Heating Capacity	Btu/hr		19000	25000	30000	38000	48000	60000
	W		5600	7320	8820	11140	14100	17600
Moisture Removal	L/hr		0.76	1.47	1.69	1.51	2.36	4.22
Power Supply	V/Ph/Hz		220-240/1/50				380-415/3/50	
Running Current	Cooling	A	9.50	12.20	14.40	17.90	8.80	10.40
	Heating	A	8.00	9.90	11.70	15.00	7.40	9.70
Power Consumption	Cooling	W	2070	2690	3310	4010	5000	6250
	Heating	W	1700	2160	2670	3300	4070	5500
Efficiency	Cooling	EER	9.18	9.29	9.06	8.98	9.60	9.12
	Heating	COP	11.18	11.57	11.24	11.52	11.79	10.91
Control	Type		Without Control (Wired Control is Optional)					
Piping Connection	Type		Flare					
	Liq./Gas/Drain	mm	ø9.5/15.9/OD.16				ø12.7/19.0/OD.16	
	Max. Length	m	15			30		
	Max. Height	m	+/-10			+/-15		
Indoor Unit			DNM18BNVH-LPRZ	DNM24BNVH-LPRZ	DNM30BNVH-LPRZ	DNM36BNVH-LPRZ	DNM48BNVH-LPRZ	DNM60BNVH-LJRZ
Evaporator Coil	Row		2	3	2	3		
	Tube	mm	ø7/Grooved					
Blower	Type		Double Intel Centrifugul Fan					
	No.		2					
Fan Motor	Type		Permanent Split Capacitor					
	Power Supply	V/Ph/Hz	220-240/1/50					
	No.		1					
	Full Load Current	A	1.26	2.12		2.21	3.49	
Nominal Output	W	123	217		311	527		
Nominal Air Flow Rate	l/s(CFM)		420 (890)	530 (1230)	660 (1395)	750 (1585)	940 (1990)	
Sound Pressure Level at 1 m.	dB (A)		50/47/45/43	50/47/42/38	52/48/42/40		59/55/49/45	
Unit Dimensions	HxWxD	mm	270x880x513	300x880x513	300x1180x633		300x1400x633	
Packing Dimensions	HxWxD	mm	316x971x521	358x971x521	358x1271x671		358x1491x671	
Net Weight	kg		26	30	35	43	51	
Gross Weight	kg		28	32	38	46	55	
Outdoor Unit			PC18RSVH-LERZ	PC24RSVH-LERZ	PC30RSVH-LERZ	PC36RSVH-LERZ	PC48CSYH-LERZ	VC60CSYH-LERZ
Condenser Coil	Row		1.38	2	1	1.5	2	
	Tube	mm	ø7/Grooved					
Fan	Type		Propeller Direct Drive					
	No.		1					
Fan Motor	Type		Permanent Split Capacitor					
	Power Supply	V/Ph/Hz	220-240/1/50					
	Full Load Current	A	0.62		1.15	1.66		
	Nominal Output	W	70		112	216		
Compressor	Type		Rotary				Scroll	
	Power Supply	V/Ph/Hz	220-240/1/50				380-415/3/50	
Refrigerant	Type		R-22					
	Charging weight	Kg	1.35	1.65	1.80	2.30	3.35	3.60
Nominal Air Flow Rate	l/s		565	660	1230	1510	1650	
Sound Pressure Level at 1 m.	dB (A)		57			63	64	
Unit Dimensions	HxWxD	mm	601x869x315			755x1035x378		975x920x334
Packing Dimensions	HxWxD	mm	655x923x403			830x1148x453		1036x1058x420
Net Weight	kg		39	40	62	65	67	80
Gross Weight	kg		44	45	68	71	73	85

Note :

\* Cooling capacity and electric characteristics are based on 27°C DB, 19°C WB indoor temp. and 35°C outdoor temp. at highest speed. System is operative up to 43°C outdoor temp.

\*\* Heating capacity and electric characteristics are based on 20°C DB indoor temp. and 7°C DB, 6°C WB outdoor temp. at highest speed. System is operative down to -5°C outdoor temp. Because of our policy of continuous improvement we reserve the right to make changes in all specifications without notice.

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