

Your *natural* conditions



VRF CATALOGUE 2010

Your conditions!



Since 1916, **inventor** pioneers in the US market, by designing and manufacturing innovative air conditioning and heat pump units. The company's primary competitive advantage is the use of its know-how expertise gained in the past, to build air conditioning systems of the future.

The key to **inventor** units' success is that they are specifically designed to enable the modern individual invent his own custom made living and working conditions. Regulating effectively the natural environment, **inventor** units can create silently the perfect indoor conditions; your conditions!

The manufacturing technology used in the production of **inventor** heat pump and air conditioning units ensures their reliable operation according to the highest energy-class standards, achieving maximum performance with minimum consumption rates, respecting the environment.



All **inventor** units carry a 5-year Warranty for the compressor and for all parts of the unit.

inventor units can be found all across Europe in a continuously growing selected network of air conditioning professionals!

Their excellent quality and operational efficiency has been awarded by the European Union with the highest standard certificates.

Furthermore, the use of the environmental friendly refrigerants (freon) do not contribute to the increase of the global warming environment.



We recommend Heating & Cooling Equipment with the ENERGY STAR® Logo the Symbol for Energy Efficiency.

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INV Multi VRF System

- Powered by DC Inverter Technology
- Modular Outdoor Unit Design
- Max ODU capacity 180kW (4 x modules)
- 7 type of indoor units from 2.2 to 28kW
- Max Indoor unit connection: 64 units
- DC Inverter Compressor
- DC Inverter FanMotor Link Control.
- Precision Capacity Output Control Technology
- Excellent Refrigerant Balance Technology
- Original Created High Pressure Chamber Oil Balance
- Environment friendly R410A Refrigerant
- HyperHeating & IntelligentDefrostTechnology
- Superior Controllers & Software Support

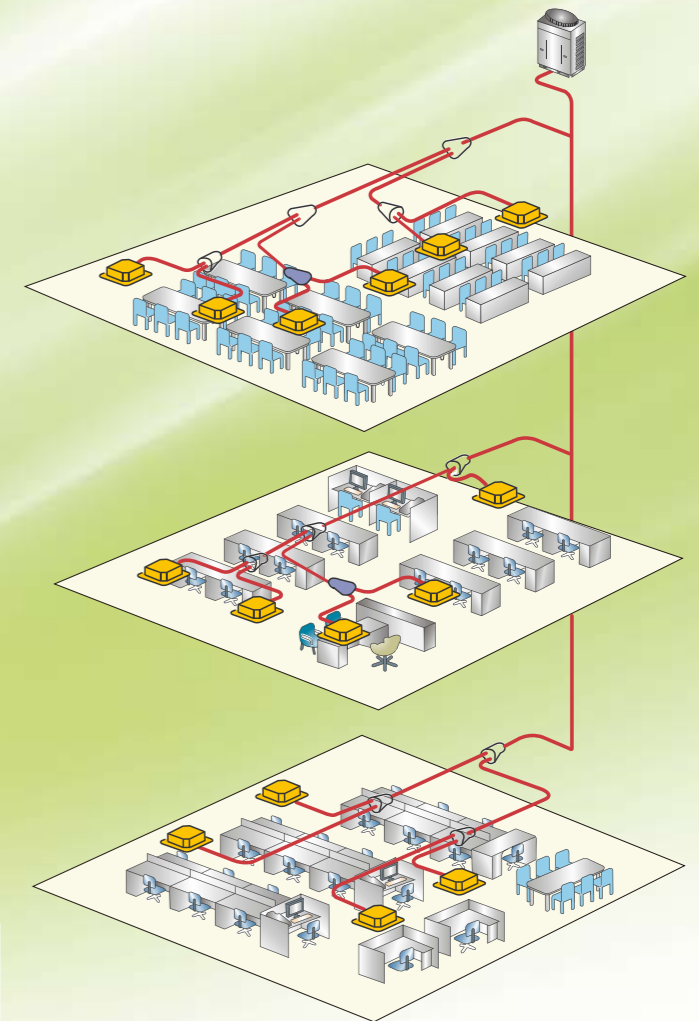
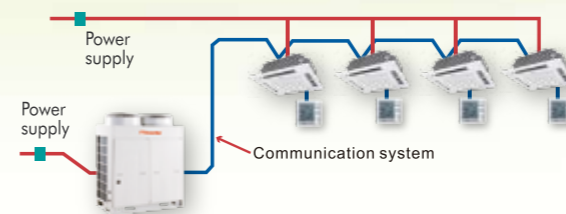
Shortest Route Design by Free Branching

Combination of line and branching pipe connection makes the shortest design route possible, thereby saving on installation time and cost.



Simple Wiring

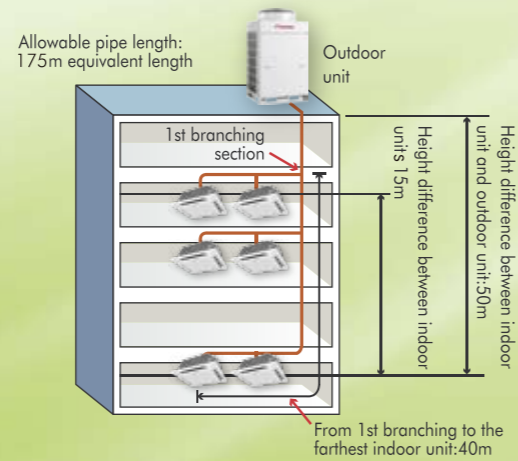
Multiplex communication makes it possible to connect multiple indoor units to one outdoor unit with 2-core wire, thus simplify the wiring operation.



INV Multi VRF System

High Lift Design

175m Equivalent length and 50m Height difference is allowed of inventor INV. Level difference between indoor units of 15m makes the location of the system more flexible.



Wide Control Application

- Intelligence Network system
- Central control available (provided with weekly timer function)
 - Network monitoring system available
 - Wireless remote controller or wired controller of indoor units
 - Diagnosis software for service purpose
 - Region wired controller

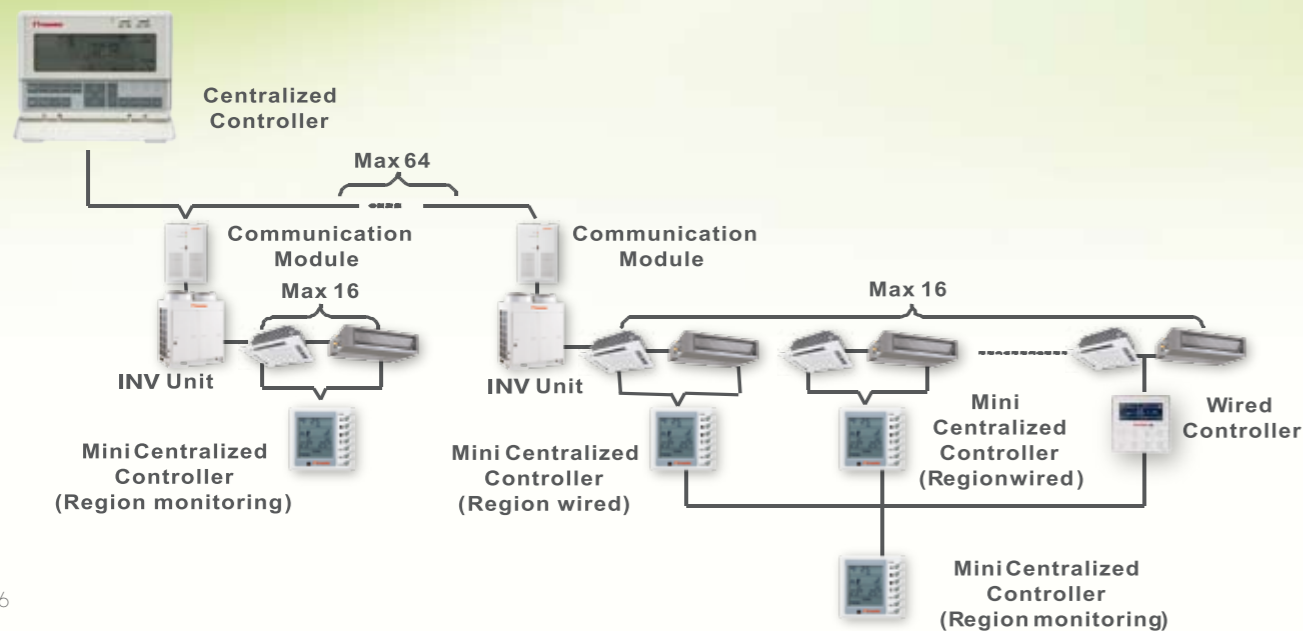
Larger capacity

Pdm and Pdhm series are modular design that maximum 4 basic modules can be freely combined together to achieve max capacity of 180kw, with advanced controlling, the outdoor modules have no differences that no need to appoint master or slave units.

DC Inverter fan

Thanks to high-efficiency DC inverter fan motor, the outdoor units are high efficiency and low noise; the ESP (external static pressure) is up to 50Pa, that ducting installation for hot air exhaust can be satisfied in the device floor.
(Note: Only specified models equips with DC inverter fan motor, others is AC inverter motor, for more detail please contact with inventor sales)

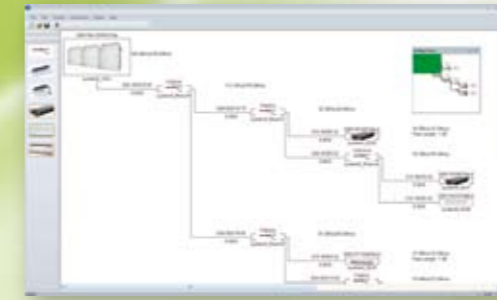
Centralized Controller (optional)



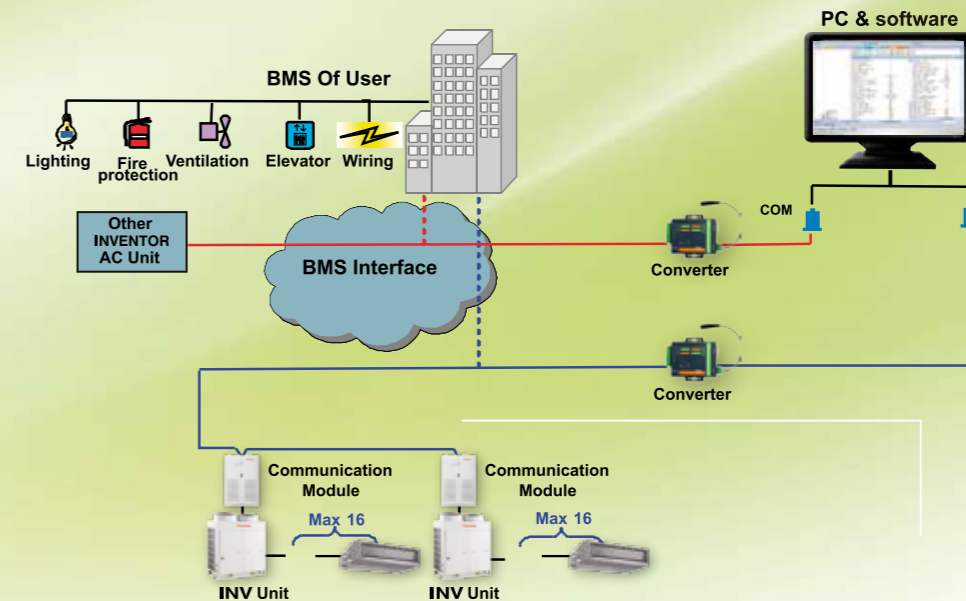
INV Multi VRF System

Selection software

Design for VRF project is easy and interesting thanks to the professional model selection software from Inventor. Not only project layout but quantity of copper pipe and additional refrigerant needed, as well as other information, can be calculated.

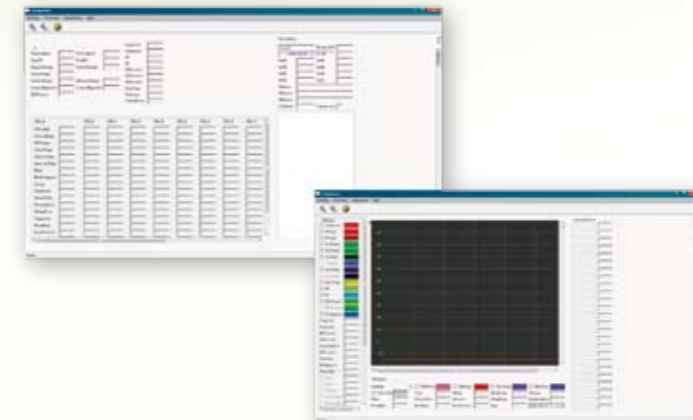


Long-Distance Control System & BMS Interface (optional)



Diagnosis software

All data of the air conditioning system is easily obtained, recorded and analyzed thanks to this professional project test software. It greatly improves testing efficiency.



INV Outdoor Unit R410A 50Hz

INV - Pd Series D.C. Inverter



10.0kw-16.0kw

INV - Pdm Series Modular D.C. Inverter



22.4kw, 28.0kw



33.5kw-45.0kw

* maximum 4 basic modules can be freely combined together to achieve max capacity of 180kw

INV-Pdhm Series Modular D.C. Inverter With Heat Recovery



22.4kw, 28.0kw



33.5kw-45.0kw

* maximum 4 basic modules can be freely combined together to achieve max capacity of 180kw

INV Outdoor Unit R410A

INV - Pd Series D.C. Inverter R410A



Intelligent defrosting



Compact design



10.0kw-16.0kw



Quiet design



Light weight

MODEL		INV-Pd100W/NaB-K	INV-Pd120W/NaB-K	INV-Pd140W/NaB-K	INV-Pd160W/NaB-K
Capacity	Cooling (kW)	10.0	12.0	14.0	16.0
	Heating (kW)	11.0	14.0	15.4	17.6
Power supply (V-Ph-Hz)		230V - 1Ph - 50Hz			
Power input	Cooling (kW)	3.1	3.8	4.5	5.1
	Heating (kW)	2.9	3.6	4.3	4.8
IPLV	Cooling (W/W)	4.2	4.2	4.40	4.20
Refrigerant charge volume (kg)		5	5	7	7
Compressor quantity (Unit)		1	1	1	1
Sound pressure level (dB(A))		56	56	58	60
Outline dimension (WxDxH) mm		950 x 340 x 1.250	950 x 340 x 1.250	950 x 340 x 1.250	950 x 340 x 1.250
Package dimension (WxDxH) mm		1.110 x 450 x 1.370	1.110 x 450 x 1.370	1.110 x 450 x 1.370	1.110 x 450 x 1.370
Net weight (kg)		110	110	135	135
Gross weight (kg)		115	115	140	140
Connecting pipe diameter	Gas (inch)	5/8"	5/8"	5/8"	3/4"
	Liquid (inch)	3/8"	3/8"	3/8"	3/8"
Maximum drive IDU NO (Unit)		5	6	7	8
Maximum total length (actual length) of fitting pipe (m)		150	150	150	150

Item	Nominal Operating Condition			
	Outdoor Condition		Indoor Condition	
	DB Temperature (°C)	WB Temperature (°C)	DB Temperature (°C)	WB Temperature (°C)
Cooling	35	24	27	19
Heating	7	6	20	15
Operation Range	Outdoor Condition (DB °C)			
	Item			
	Cooling	°C	10 - 48	
Heating	°C	-15 - 27		

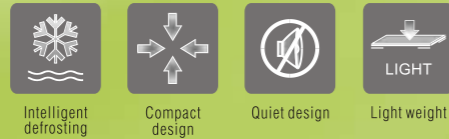
INV Outdoor Unit

INV - Pdm Series Modular R410A

Maximum 4 basic modules can be freely combined together to achieve max capacity of 180kW. See page 12.



22.4kw, 28.0kw*



33.5kw-45.0kw*

MODEL		INV-Pdm224W/NaB-M	INV-Pdm280W/NaB-M	INV-Pdm335W/NaB-M	INV-Pdm400W/NaB-M	INV-Pdm450W/NaB-M
Capacity	Cooling (kW)	22.4	28.0	33.5	40	45
	Heating (kW)	25.0	31.5	37.5	45	50
Power supply (V-Ph-Hz)		380V - 420V - 3Ph - 50Hz				
Power input	Cooling (kW)	5.52	7.52	9.23	12.45	14.32
	Heating (kW)	5.82	7.70	9.38	11.2	13.9
IPLV	Cooling (W/W)	4.15	3.95	4.15	3.95	4.15
Refrigerant charge volume (kg)		12	13	15	16	17
Compressor quantity (Unit)		2	2	3	3	3
Sound pressure level (dB(A))		58	58	60	61	61
Outline dimension (WxDxH) mm		930 x 770 x 1.670	930 x 770 x 1.670	1.340 x 770 x 1.670	1.340 x 770 x 1.670	1.340 x 770 x 1.670
Package dimension (WxDxH) mm		1.010 x 850 x 1.850	1.010 x 850 x 1.850	1.420 x 850 x 1.850	1.420 x 850 x 1.850	1.420 x 850 x 1.850
Net weight (kg)		255	255	350	350	370
Gross weight (kg)		275	275	380	380	400
Connecting pipe diameter	Gas (inch)	7/8"	7/8"	9/8"	9/8"	9/8"
	Liquid (inch)	3/8"	3/8"	1/2"	1/2"	1/2"
Maximum drive IDU No (Unit)		13	16	16	16	16
Maximum total length (actual length) of fitting pipe (m)		500	500	500	500	500

Nominal Operating Condition

Item	Outdoor Condition		Indoor Condition	
	DB Temper. (°C)	WB Temperature (°C)	DB Temperature (°C)	WB Temperature (°C)
Cooling	35	24	27	19
Heating	7	6	20	15
Operation Range	Outdoor Condition (DB °C)			
	Item	°C		
	Cooling	10 - 48		
Heating	-15 - 27			

INV Outdoor Unit

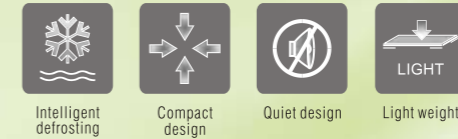
INV-Pdhm Series R410A

Modular D.C. Inverter With Heat Recovery

Maximum 4 basic modules can be freely combined together to achieve max capacity of 180kW. See page 14.



22.4kw, 28.0kw*



33.5kw-45.0kw*

MODEL		INV-Pdhm224W/Na-M	INV-Pdhm280W/Na-M	INV-Pdm335W/NaB-M	INV-Pdm400W/NaB-M	INV-Pdm450W/NaB-M
Capacity	Cooling (kW)	22.4	28.0	33.5	40.0	45.0
	Heating (kW)	25.0	31.5	37.5	45.0	50.0
Power supply (V-Ph-Hz)		380-420V - 1Ph - 50Hz				
Power input	Cooling (kW)	5.5	7.5	9.2	12.4	14.3
	Heating (kW)	5.8	7.7	9.4	11.2	13.9
COP	Cooling/Heating (W/W)	4.07/4.31	3.73/4.09	3.63/4.00	3.21/4.02	3.14/3.60
ECOP	Cooling/Heating (W/W)	6.80	6.80	6.50	6.50	6.50
Refrigerant charge volume (kg)		12	12	13	14	15
Compressor quantity (Unit)		2	2	3	3	3
Sound pressure level (dB(A))		58	58	60	61	61
Outline dimension (WxDxH) mm		1.670 x 930 x 770	1.670 x 930 x 770	1.670 x 1.340 x 770	1.670 x 1.340 x 770	1.670 x 1.340 x 770
Package dimension (WxDxH) mm		1.850 x 1.010 x 850	1.850 x 1.010 x 850	1.850 x 1.420 x 850	1.850 x 1.420 x 850	1.850 x 1.420 x 850
Net weight (kg)		260	260	320	330	330
Gross weight (kg)		284	284	335	345	345
Connecting pipe diameter	Gas High Pressure (Inch)	3/4"	3/4"	3/4"	7/8"	7/8"
	Gas Low Pressure (Inch)	7/8"	7/8"	9/8"	9/8"	9/8"
	Liquid (Inch)	3/8"	3/8"	1/2"	1/2"	1/2"
Maximum drive IDU No (Unit)		13	16	19	23	26
Maximum total length (actual length) of fitting pipe (m)		500	500	500	500	500












Nominal Operating Condition

Item	Outdoor Condition		Indoor Condition	
	DB Temper. (°C)	WB Temperature (°C)	DB Temperature (°C)	WB Temperature (°C)
Cooling	35	24	27	19
Heating	7	6	20	15
Operation Range	Outdoor Condition (DB °C)			
	Item	°C		
	Cooling	10 - 48		
Heating	-20 - 27			
Cooling & Heating	-10 - 20			

* If the outdoor unit of 33.5-45.0kW connects with more than 16 indoor units, additional pinboard is needed. Please check with the local INVENTOR distributor to apply.

Combination table for Pdm series














	model	INV-Pdm224W/NaB-M	INV-Pdm280W/NaB-M	INV-Pdm335W/NaB-M	INV-Pdm400W/NaB-M	INV-Pdm450W/NaB-M
	INV-Pdm224W/NaB-M	●				
	INV-Pdm280W/NaB-M		●			
	INV-Pdm335W/NaB-M			●		
	INV-Pdm400W/NaB-M				●	
	INV-Pdm450W/NaB-M					●
	INV-Pdm504W2/NaB-M	●	●			
	INV-Pdm560W2/NaB-M		●●			
	INV-Pdm615W2/NaB-M		●	●		
	INV-Pdm670W2/NaB-M		●		●	
	INV-Pdm730W2/NaB-M		●			●
	INV-Pdm785W2/NaB-M			●		●
	INV-Pdm850W2/NaB-M				●	●
	INV-Pdm900W2/NaB-M					●●
	INV-Pdm950W3/NaB-M		●●		●	
	INV-Pdm1008W3/NaB-M		●●			●
	INV-Pdm1065W3/NaB-M		●	●		●
	INV-Pdm1130W3/NaB-M		●		●	●
	INV-Pdm1180W3/NaB-M		●			●●
	INV-Pdm1235W3/NaB-M			●		●●
	INV-Pdm1300W3/NaB-M				●	●●
	INV-Pdm1350W3/NaB-M					●●●
	INV-Pdm1405W4/NaB-M		●●		●	●
	INV-Pdm1456W4/NaB-M		●●			●●
	INV-Pdm1512W4/NaB-M		●	●		●●
	INV-Pdm1570W4/NaB-M		●		●	●●
	INV-Pdm1650W4/NaB-M		●			●●●
	INV-Pdm1700W4/NaB-M			●		●●●
	INV-Pdm1750W4/NaB-M				●	●●●
	INV-Pdm1800W4/NaB-M					●●●●



Combination table for Pdhm series



	model	INV-Pdhm224W/Na-M	INV-Pdhm280W/Na-M	INV-Pdhm335W/Na-M	INV-Pdhm400W/Na-M	INV-Pdhm450W/Na-M
	INV-Pdhm224W/Na-M	●				
	INV-Pdhm280W/Na-M		●			
	INV-Pdhm335W/Na-M			●		
	INV-Pdhm400W/Na-M				●	
	INV-Pdhm450W/Na-M					●
	INV-Pdhm504W2/Na-M	●	●			
	INV-Pdhm560W2/Na-M		●●			
	INV-Pdhm615W2/Na-M		●	●		
	INV-Pdhm680W2/Na-M		●		●	
	INV-Pdhm730W2/Na-M		●			●
	INV-Pdhm800W2/Na-M				●●	
	INV-Pdhm850W2/Na-M				●	●
	INV-Pdhm900W2/Na-M					●●
	INV-Pdhm960W3/Na-M		●●		●	
	INV-Pdhm1010W3/Na-M		●●			●
	INV-Pdhm1070W3/Na-M		●	●		●
	INV-Pdhm1130W3/Na-M		●		●	●
	INV-Pdhm1180W3/Na-M		●			●●
	INV-Pdhm1250W3/Na-M				●●	●
	INV-Pdhm1300W3/Na-M				●	●●
	INV-Pdhm1350W3/Na-M					●●●
	INV-Pdhm1410W4/Na-M		●●		●	●
	INV-Pdhm1460W4/Na-M		●●			●●
	INV-Pdhm1515W4/Na-M		●	●		●●
	INV-Pdhm1580W4/Na-M		●		●	●●
	INV-Pdhm1630W4/Na-M		●			●●●
	INV-Pdhm1700W4/Na-M				●●	●●
	INV-Pdhm1750W4/Na-M				●	●●●
	INV-Pdhm1800W4/Na-M					●●●●

INV Indoor Unit

For Pd & Pdm Series

● Duct Type With High ESP



2.4kW - 14kW



22.4kW, 28kW

● Slim Duct Type (EXV Integrated)



2.4kW - 7.1kW

● Four-way cassette Type (EXV Integrated)



2.8kW, 12.5kW

● Four-way cassette Type (EXV Separated)



2.2kW, 4.5kW

● Floor Ceiling Type (EXV Integrated)



2.8kW-12.5kW

● Floor Ceiling Type (EXV Separated)



2.8kW-12.5kW

● Wall mounted Type (EXV Integrated)



2.2kW-7.1kW

INV Indoor Unit

Duct Type With High ESP (EXV Integrated)

- Fresh air entry reserved (for 7kw and above units)
- Air suction direction alterable from rear or bottom
- Long life and washable filter
- High ESP
- Wired remote control
- Wireless remote control



Wired (optional)



Wired (standard)



Wireless



2.2kw-14kw

With Drain Water Pump

MODEL		INV-R22PS/NaB-K	INV-R25PS/NaB-K	INV-R28PS/NaB-K	INV-R36PS/NaB-K	INV-R45PS/NaB-K
Capacity	Cooling (kW)	2.2	2.5	2.8	3.6	4.5
	Heating (kW)	2.5	3.0	3.2	4.0	5.0
Power supply (V-Ph-Hz)		230V - 1Ph - 50Hz				
Motor Power input (W)		75	75	80	80	140
Air Flow Volume	m ³ /h	450	450	570	570	840
	CFM	265	265	335	335	494
Standard ESP (Pa)		50/20	50/20	50/20	50/20	50/20
Sound pressure level (H/L) (dB(A))		37/33	37/33	39/35	39/35	40/36
Outline dimension (WxDxH) mm		875 x 680 x 260	875 x 680 x 260	875 x 680 x 260	875 x 680 x 260	980 x 735 x 266
Package dimension (WxDxH) mm		1.012 x 780x 315	1.012 x 780x 315	1.012 x 780x 315	1.012 x 780x 315	1.068 x 766 x 360
Net weight (kg)		27	27	27	27	34
Gross weight (kg)		31	31	31	31	37
Connecting pipe diameter	Gas (inch)	3/8"	3/8"	3/8"	1/2"	1/2"
	Liquid (inch)	1/4"	1/4"	1/4"	1/4"	1/4"

With Drain Water Pump

MODEL		INV-R56PS/NaB-K	INV-R71PS/NaB-K	INV-R90PS/NaB-K	INV-R112PS/NaB-K	INV-R140PS/NaB-K
Capacity	Cooling (kW)	5.6	7.1	9.0	11.2	14.0
	Heating (kW)	6.3	8.0	10.0	12.5	15.0
Power supply (V-Ph-Hz)		230V - 1Ph - 50Hz				
Motor Power input (W)		240	240	360	360	500
Air Flow Volume	m ³ /h	1.400	1.400	2.000	2.000	2.500
	CFM	824	824	1.177	1.177	1.471
Standard ESP (Pa)		60/30	60/30	80/40	80/40	100/50
Sound pressure level (H/L) (dB(A))		42/38	42/38	44/40	44/40	45/41
Outline dimension (WxDxH) mm		1.155 x 756 x 300	1.155 x 756 x 300	1.425 x 756 x 300	1.425 x 736 x 300	1.425 x 736 x 300
Package dimension (WxDxH) mm		1.245 x 785 x 360	1.245 x 785 x 360	1.514 x 785 x 360	1.514 x 785 x 360	1.514 x 785 x 360
Net weight (kg)		49	49	62	62	63.5
Gross weight (kg)		56	56	71	71	73
Connecting pipe diameter	Gas (inch)	5/8"	5/8"	5/8"	5/8"	5/8"
	Liquid (inch)	3/8"	3/8"	3/8"	3/8"	3/8"

INV Indoor Unit

Duct Type With High ESP (EXV Integrated)

- Fresh air entry reserved (for 7kw and above units)
- Air suction direction alterable from rear or bottom
- Long life and washable filter
- High ESP
- Wired remote control
- Wireless remote control



22.4kw, 28kw

INV Indoor Unit

Slim Duct Type (EXV Integrated)

- 200mm concealed indoor unit with thickness 200mm
- Condensing water lifting pump and pipe collocate make more flexible and easier for the condensing water outflow.
- 4-steps of fan motor. The static pressure value can be preadjusted



2.4kw - 7.1kw

Without Water Pump

MODEL		INV-R22P/NaB-K	INV-R28P/NaB-K	INV-R36P/NaB-K	INV-R45P/NaB-K	INV-R56P/NaB-K	INV-R71P/NaB-K
Capacity	Cooling (kW)	2.2	2.8	3.6	4.5	5.6	7.1
	Heating (kW)	2.5	3.2	4.0	5.0	6.3	8.0
Power supply (V-Ph-Hz)		230V - 1Ph - 50Hz					
Motor Power input (W)		75	80	80	140	240	240
Air Flow Volume	m ³ /h	450	570	570	700	1000	1100
	CFM	265	335	335	412	589	647
Standard ESP (Pa)		50/20	50/20	50/20	50/20	60/30	60/30
Sound pressure level (H/L) (dB(A))		37	39	39	40	44	44
Outline dimension (WxDxH) mm		880 x 665 x 250	880 x 665 x 250	880 x 665 x 250	980 x 721 x 266	1155 x 756 x 300	1155 x 756 x 300
Package dimension (WxDxH) mm		1020 x 745 x 305	1020 x 745 x 305	1020 x 745 x 305	1068 x 766 x 320	1245 x 785 x 360	1245 x 785 x 360
Net weight (kg)		28.5	30.5	30.5	36	51	51
Gross weight (kg)		33	35.5	35.5	39	58	58
Connecting pipe diameter	Gas (inch)	3/8"	3/8"	1/2"	1/2"	5/8"	5/8"
	Liquid (inch)	1/4"	1/4"	1/4"	1/4"	3/8"	3/8"

Without Water Pump

MODEL		INV-R90P/NaB-K	INV-R112P/NaB-K	INV-R140P/NaB-K	INV-R224P/Na-M	INV-R280P/Na-M
Capacity	Cooling (kW)	9.0	11.2	14.0	22.4	28
	Heating (kW)	8.0	12.5	15.0	25.0	31
Power supply (V-Ph-Hz)		380-420V - 3Ph - 50Hz				
Motor Power input (W)		360	360	500	1100	1500
Air Flow Volume	m ³ /h	1700	1700	2000	4000	4800
	CFM	1001	1001	1177	2354	2825
Standard ESP (Pa)		80/40	80/40	100/50	120	120
Sound pressure level (H/L) (dB(A))		48	48	50	54	57
Outline dimension (WxDxH) mm		1425 x 736 x 300	1425 x 736 x 300	1425 x 736 x 300	1500 x 1000 x 5000	1500 x 1000 x 5000
Package dimension (WxDxH) mm		1514 x 785 x 360	1514 x 785 x 360	1514 x 785 x 360	1840 x 1200 x 673	1840 x 1200 x 673
Net weight (kg)		64	64	65.5	150	170
Gross weight (kg)		73	73	75	200	220
Connecting pipe diameter	Gas (inch)	5/8"	5/8"	5/8"	3/4"	7/8"
	Liquid (inch)	3/8"	3/8"	3/8"	3/8"	3/8"

MODEL		INV-R22PS/NaE-K	INV-R28PS/NaE-K	INV-R36PS/NaE-K
Capacity	Cooling (kW)	2.2	2.8	3.6
	Heating (kW)	2.5	3.2	4.0
Power supply (V-Ph-Hz)		230V - 1Ph - 50Hz		
Motor Power input (W)		640	640	700
Air Flow Volume	m ³ /h	450	450	550
	CFM	265	265	323
Standard ESP (Pa)		20	20	20
Sound pressure level (dB(A))		37	37	39
Outline dimension (WxDxH) mm		700 X 615 X 200	700 X 615 X 200	700 X 615 X 200
Package dimension (WxDxH) mm		890 X 730 X 295	890 X 730 X 295	890 X 730 X 295
Net weight (kg)		22	22	23
Gross weight (kg)		31	31	32
Connecting pipe diameter	Gas (inch)	3/8"	3/8"	1/2"
	Liquid (inch)	1/4"	1/4"	1/4"

MODEL		INV-R45PS/NaE-K	INV-R56PS/NaE-K	INV-R71PS/NaE-K
Capacity	Cooling (kW)	4.5	5.6	7.1
	Heating (kW)	5.0	6.3	8.0
Power supply (V-Ph-Hz)		230V - 1Ph - 50Hz		
Motor Power input (W)		0.091	0.091	1000
Air Flow Volume	m ³ /h	700	700	1000
	CFM	412	412	588
Standard ESP (Pa)		20	20	25
Sound pressure level (dB(A))		41	41	42
Outline dimension (WxDxH) mm		900 X 615 X 200	900 X 615 X 200	1.100 X 615 X 200
Package dimension (WxDxH) mm		1.120 X 735 X 295	1.120 X 735 X 295	1.320 X 735 X 295
Net weight (kg)		27	27	31
Gross weight (kg)		37	37	42
Connecting pipe diameter	Gas (inch)	1/2"	1/2"	5/8"
	Liquid (inch)	1/4"	1/4"	3/8"

INV Indoor Unit

Four-way Cassette Type (EXV Integrated)

- Low noise thanks to ternary fan blade
- Compact and light weight
- Long life and washable filter
- Drain pump with increased lift of 1100mm
- Wired remote control
- Wireless remote control
- Water pump fitted as standard



2.8kw-12.5kw

MODEL		INV-R28T/Na-K	INV-R36T/Na-K	INV-R45T/Na-K
Capacity	Cooling (kW)	2.8	3.6	4.5
	Heating (kW)	3.2	4.0	5.0
Power supply (V-Ph-Hz)		230V - 1Ph - 50Hz		
Motor Power input (W)		35	35	35
Air Flow	m ³ /h	680	680	680
Volume	CFM	400	400	400
Sound pressure level (H/L)(dB(A))		37/34	37/34	37/34
Main body	Outline dimension (WxDxH) mm	840 x 840 x 190	840 x 840 x 190	840 x 840 x 190
	Package dimension (WxDxH) mm	960 x 960 X 257	960 x 960 x 257	960 x 960 x 257
	Net weight (kg)	25	25	25
	Gross weight (kg)	31.5	31.5	31.5
Panel	Outline dimension (WxDxH) mm	950 x 950 x 60	950 x 950 x 60	950 x 950 x 60
	Package dimension (WxDxH) mm	1.040 x 1.025 x 115	1.040 x 1.025 x 115	1.040 x 1.025 x 115
	Net weight (kg)	6.5	6.5	6.5
	Gross weight (kg)	10.0	10.0	10.0
Connecting pipe diameter	Gas (inch)	3/8"	1/2"	1/2"
	Liquid (inch)	1/4"	1/4"	1/4"

MODEL		INV-R50T/Na-K	INV-R56T/Na-K	INV-R63T/Na-K
Capacity	Cooling (kW)	5.0	5.6	6.3
	Heating (kW)	5.8	6.3	7.0
Power supply (V-Ph-Hz)		230V - 1Ph - 50Hz		
Motor Power input (W)		35	35	83
Air Flow	m ³ /h	680	1.180	1.180
Volume	CFM	400	695	695
Sound pressure level (H/L)(dB(A))		37/34	39/35	39
Main body	Outline dimension (WxDxH) mm	840 x 840 x 190	840 x 840 x 240	840 x 840 x 240
	Package dimension (WxDxH) mm	960 x 960 x 257	960 x 960 x 310	960 x 960 x 310
	Net weight (kg)	25	30	30
	Gross weight (kg)	33	38	38
Panel	Outline dimension (WxDxH) mm	950 x 950 x 60	950 x 950 x 60	950 x 950 x 60
	Package dimension (WxDxH) mm	1.040 x 1.025 x 115	1.040 x 1.025 x 115	1.040 x 1.025 x 115
	Net weight (kg)	6.5	6.5	6.5
	Gross weight (kg)	10.0	10.0	10.0
Connecting pipe diameter	Gas (inch)	1/2"	5/8"	5/8"
	Liquid (inch)	1/4"	3/8"	3/8"

INV Indoor Unit

Four-way Cassette Type (EXV Integrated)



MODEL		INV-R71T/Na-K	INV-R80T/Na-K	INV-R90T/Na-K
Capacity	Cooling (kW)	7.1	8.0	9.0
	Heating (kW)	8.0	8.8	10.0
Power supply (V-Ph-Hz)		230V - 1Ph - 50Hz		
Motor Power input (W)		35	83	60
Air Flow	m ³ /h	1.180	1.180	1.860
Volume	CFM	695	695	1095
Sound pressure level (dB(A))		39/35	39	40/36
Main body	Outline dimension (WxDxH) mm	840 x 840 x 240	840 x 840 x 240	840 x 840 x 320
	Package dimension (WxDxH) mm	960 x 960 X 310	960 x 960 X 310	960 x 960 X 394
	Net weight (kg)	30	30	38
	Gross weight (kg)	36.5	38	46
Panel	Outline dimension (WxDxH) mm	950 x 950 x 60	950 x 950 x 60	950 x 950 x 60
	Package dimension (WxDxH) mm	1.040 x 1.025 x 115	1.040 x 1.025 x 115	1.040 x 1.025 x 115
	Net weight (kg)	6.5	6.5	6.5
	Gross weight (kg)	10.0	10.0	10.0
Connecting pipe diameter	Gas (inch)	5/8"	5/8"	5/8"
	Liquid (inch)	3/8"	3/8"	3/8"

MODEL		INV-R100T/Na-K	INV-R112T/Na-K	INV-R125T/Na-K	INV-R140T/Na-K
Capacity	Cooling (kW)	10.0	11.2	12.5	14.0
	Heating (kW)	11.0	12.5	13.5	14.5
Power supply (V-Ph-Hz)		230V - 1Ph - 50Hz			
Motor Power input (W)		133	60	133	133
Air Flow	m ³ /h	1.860	1.860	1.860	1.860
Volume	CFM	1.095	1.095	1.095	1.095
Sound pressure level (dB(A))		40	40/36	40	40
Main body	Outline dimension (WxDxH) mm	840 x 840 x 320	840 x 840 x 320	840 x 840 x 320	840 x 840 x 320
	Package dimension (WxDxH) mm	960 x 960 x 394	960 x 960 x 394	960 x 960 x 394	960 x 960 x 394
	Net weight (kg)	38	38	38	38
	Gross weight (kg)	46	46	46	46
Panel	Outline dimension (WxDxH) mm	950 x 950 x 60	950 x 950 x 60	950 x 950 x 60	950 x 950 x 60
	Package dimension (WxDxH) mm	1.040 x 1.025 x 115	1.040 x 1.025 x 115	1.040 x 1.025 x 115	1.040 x 1.025 x 115
	Net weight (kg)	6.5	6.5	6.5	6.5
	Gross weight (kg)	10.0	10.0	10.0	10.0
Connecting pipe diameter	Gas (inch)	5/8"	5/8"	5/8"	5/8"
	Liquid (inch)	3/8"	3/8"	3/8"	3/8"

INV Indoor Unit

Four-way Cassette Type (EXV Separated)

- Low noise thanks to ternary fan blade
- Compact and light weight
- Long life and washable filter
- Drain pump with increased lift of 1100mm
- Wired remote control
- Wireless remote control
- Water pump fitted as standard



2.2kw-4.5kw



Wired (optional) Wired (standard) Wireless

MODEL		INV-R22T/NaA-K	INV-R28T/NaA-K	INV-R36T/NaA-K	INV-R45T/NaA-K
Capacity	Cooling (kW)	2.2	2.8	3.6	4.5
	Heating (kW)	2.5	3.2	4.0	5.0
Power supply (V-Ph-Hz)		230V - 1Ph - 50Hz			
Motor Power input (W)		12	12	12	12
Air Flow Volume	m ³ /h	600	600	600	600
	CFM	353	353	353	353
Sound pressure level (dB(A))		47	47	47	47
Main body	Outline dimension (WxDxH) mm	570 x 570 x 230	570 x 570 x 230	570 x 570 x 230	570 x 570 x 230
	Package dimension (WxDxH) mm	828 x 748 x 310	828 x 748 x 310	828 x 748 x 310	828 x 748 x 310
	Net weight (kg)	20	20	20	20
	Gross weight (kg)	27	27	27	27
Panel	Outline dimension (WxDxH) mm	650 x 650 x 50	650 x 650 x 50	650 x 650 x 50	650 x 650 x 50
	Package dimension (WxDxH) mm	730 x 670 x 102	730 x 670 x 102	730 x 670 x 102	730 x 670 x 102
	Net weight (kg)	2.4	2.4	2.4	2.4
	Gross weight (kg)	3.56	3.56	3.56	3.56
Connecting pipe diameter	Gas (inch)	3/8"	3/8"	1/2"	1/2"
	Liquid (inch)	1/4"	1/4"	1/4"	1/4"

INV Indoor Unit

Floor Ceiling Type (EXV Integated)

- Ultra quiet operation
- Compact and light weight
- Detachable and washable filter
- Wired remote control
- Wireless remote control



2.8kw-5.0kw



7.1kw-12.5kw



Wired (optional) Wired (standard) Wireless

MODEL		INV-R28Zd/NaB-K	INV-R36Zd/NaB-K	INV-R50Zd/NaB-K	INV-R71Zd/NaB-K
Capacity	Cooling (kW)	2.8	3.6	5.0	7.1
	Heating (kW)	3.2	4.0	5.8	8.0
Power supply (V-Ph-Hz)		230V - 1Ph - 50Hz			
Motor Power input (W)		10	10	40	100
Air Flow Volume	m ³ /h	550	600	700	1.170
	CFM	324	353	412	689
Sound pressure level (dB(A))		43	44	50	48
Outline dimension (WxDxH) mm		980 x 700 x 255	980 x 700 x 255	980 x 700 x 255	1.420 x 700 x 245
Package dimension (WxDxH) mm		1.090 x 825 x 310	1.090 x 825 x 310	1.090 x 825 x 310	1.530 x 825 x 330
Net weight (kg)		27	27	27	32
Gross weight (kg)		37	37	37	38
Connecting pipe diameter	Gas (inch)	3/8"	1/2"	1/2"	5/8"
	Liquid (inch)	1/4"	1/4"	1/4"	3/8"

MODEL		INV-R90Zd/NaB-K	INV-R112Zd/NaB-K	INV-R125Zd/NaB-K
Capacity	Cooling (kW)	9.0	11.2	12.5
	Heating (kW)	10.0	12.5	15.0
Power supply (V-Ph-Hz)		230V - 1Ph - 50Hz		
Motor Power input (W)		150	180	180
Air Flow Volume	m ³ /h	1.650	2.200	2.300
	CFM	971	1.259	1.354
Sound pressure level (dB(A))		50	54	55
Outline dimension (WxDxH) mm		1.420 x 700 x 245	1.700 x 700 x 245	1.700 x 700 x 245
Package dimension (WxDxH) mm		1.530 x 825 x 330	1.810 x 825 x 330	1.810 x 825 x 330
Net weight (kg)		32	42	42
Gross weight (kg)		38	53	53
Connecting pipe diameter	Gas (inch)	5/8"	5/8"	5/8"
	Liquid (inch)	3/8"	3/8"	3/8"

INV Indoor Unit

Floor Ceiling Type (EXV Separated)

- Ultra quiet operation
- Compact and light weight
- Detachable and washable filter
- Wired remote control
- Wireless remote control



2.8kw-5.0kw



7.1kw-12.5kw

MODEL		INV-R28Zd/Na-K	INV-R36Zd/Na-K	INV-R50Zd/Na-K	INV-R71Zd/Na-K
Capacity	Cooling (kW)	2.8	3.6	5.0	7.1
	Heating (kW)	3.2	4.0	5.8	8.0
Power supply (V-Ph-Hz)		230V - 1Ph - 50Hz			
Motor Power input (W)		10	10	40	220
Air Flow Volume	m ³ /h	550	600	700	1.170
	CFM	324	353	412	689
Sound pressure level (dB(A))		43	44	50	48
Outline dimension (WxDxH) mm		840 X 238 X 695	840 X 238 X 695	840 X 238 X 695	1.300 X 188 X 600
Package dimension (WxDxH) mm		1.035 X 295 X 805	1.035 X 295 X 805	1.035 X 295 X 805	1.514 X 248 X 724
Net weight (kg)		28	28	28	34
Gross weight (kg)		37	37	37	38
Connecting pipe diameter	Gas (inch)	3/8"	1/2"	1/2"	5/8"
	Liquid (inch)	1/4"	1/4"	1/4"	3/8"

MODEL		INV-R90Zd/Na-K	INV-R112Zd/Na-K	INV-R125Zd/Na-K
Capacity	Cooling (kW)	9.0	11.2	12.5
	Heating (kW)	10.0	12.5	13.5
Power supply (V-Ph-Hz)		230V - 1Ph - 50Hz		
Motor Power input (W)		330	390	390
Air Flow Volume	m ³ /h	2.100	2.200	2.300
	CFM	1.236	1.295	1.354
Sound pressure level (dB(A))		51	54	55
Outline dimension (WxDxH) mm		1.590 X 238 X 695	1.590 X 238 X 695	1.590 X 238 X 695
Package dimension (WxDxH) mm		1.814 X 330 X 830	1.814 X 330 X 830	1.814 X 330 X 830
Net weight (kg)		44	44	44
Gross weight (kg)		53	53	53
Connecting pipe diameter	Gas (inch)	5/8"	5/8"	5/8"
	Liquid (inch)	3/8"	3/8"	3/8"

INV Indoor Unit

Wall Mounted Type (EXV Integrated)

- Wide discharge angle
- Low noise design
- Trinal air filter with anti-mildew, static electric dust capture and anti-bacteria function
- Wired remote control
- Wireless remote control



2.2kw-7.1kw

MODEL		INV-R22G/NaG-K	INV-R28G/NaG-K	INV-R36G/NaG-K	INV-R45G/NaG-K
Capacity	Cooling (kW)	2.2	2.8	3.6	4.5
	Heating (kW)	2.5	3.2	4.0	5.0
Power supply (V-Ph-Hz)		230V - 1Ph - 50Hz			
Motor Power input (W)		50	50	50	50
Air Flow Volume	m ³ /h	500	500	630	630
	CFM	294	294	371	371
Outline dimension (WxDxH) mm		843 X 180 X 275	843 X 180 X 275	940 X 298 X 200	940 X 298 X 200
Package dimension (WxDxH) mm		915 X 255 X 355	915 X 255 X 355	1.010 X 285 X 380	1.010 X 285 X 380
Net weight (kg)		11	11	13	13
Gross weight (kg)		13	13	17	17
Connecting pipe diameter	Gas (inch)	3/8"	3/8"	1/2"	1/2"
	Liquid (inch)	1/4"	1/4"	1/4"	1/4"

MODEL		INV-R50G/NaG-K	INV-R56G/NaG-K	INV-R63G/NaG-K	INV-R71G/NaG-K
Capacity	Cooling (kW)	5.0	5.6	6.3	7.1
	Heating (kW)	5.8	6.3	7.0	8.0
Power supply (V-Ph-Hz)		230V - 1Ph - 50Hz			
Motor Power input (W)		60	70	70	70
Air Flow Volume	m ³ /h	630	880	880	880
	CFM	371	518	518	518
Sound pressure level (dB(A))		44	44	44	44
Outline dimension (WxDxH) mm		940 X 298 X 200	940 X 298 X 200	1.008 X 319 X 221	1.008 X 319 X 221
Package dimension (WxDxH) mm		1.010 X 285 X 380	1.010 X 285 X 380	1.073 X 395 X 313	1.073 X 395 X 313
Net weight (kg)		15.5	15.5	15.5	15.5
Gross weight (kg)		20.5	20.5	20.5	20.5
Connecting pipe diameter	Gas (inch)	1/2"	5/8"	5/8"	5/8"
	Liquid (inch)	1/4"	3/8"	3/8"	3/8"

INV Indoor Unit

For Pdhm Heat Recovery Series

● Duct Type With Normal ESP



With Cooling-heating Transducer
2.2kw-12.5kw

● Four-way Cassete Type



With Cooling-heating Transducer
2.8kw-12.5kw

● Floor Ceiling Type



2.8kW-8.0kW

With Cooling-heating Transducer



7.1kw-12.5kw

● Wall Mounted Type



With Cooling-heating Transducer
2.2kw-5.6kw



With Cooling-heating Transducer
7.1kw-8.0kw

INV Indoor Unit

Heat Recovery Series - Duct Type With normal ESP (EXV Intergrated)

- Fresh air entry reserved (for 7kw and above units)
- Air suction direction alterable from rear or bottom
- Long life and washable filter
- Wired remote control
- Wireless remote control
- With cooling-heating transducer



Wired
(optional)



Wired
(standard)



Wireless



2.2kw-12.5kw

MODEL		INV-Rh22P/Na-K	INV-Rh25P/Na-K	INV-Rh28P/Na-K	INV-Rh32P/Na-K	INV-Rh36P/Na-K	INV-Rh40P/Na-K	INV-Rh45P/Na-K	INV-Rh50P/Na-K	
Capacity	Cooling (kW)	2.2	2.5	2.8	3.2	3.6	4.0	4.5	5.0	
	Heating (kW)	2.5	3.0	3.2	3.63	4.0	4.5	5.0	5.8	
Power supply (V-Ph-Hz)		230V - 1Ph - 50Hz								
Motor Power input (W)		20	20	20	20	20	20	20	20	
Air Flow Volume	m ³ /h	450	450	570	570	570	700	700	700	
	CFM	265	265	335	335	335	335	412	412	
Standard ESP (Pa)		10	10	10	10	10	10	20	20	
Sound pressure level (H/L)(dB(A))		37/33	37/33	39/35	39/35	39/35	39/35	40/36	40/36	
Outline dimension (WxDxH) mm		875 X 680 X 220	875 X 680 X 220	875 X 680 X 220	875 X 680 X 220	875 X 680 X 220	875 X 680 X 220	980 X 736 X 266	980 X 736 X 266	
Package dimension (WxDxH) mm		1165 X 710 X 275	1165 X 710 X 275	1165 X 710 X 275	1165 X 710 X 275	1165 X 710 X 275	1165 X 710 X 275	1220 X 776 X 320	1220 X 776 X 320	
Net weight (kg)		27	27	27	27	27	27	36	36	
Gross weight (kg)		31	31	31	31	31	31	39	39	
Connecting pipe diameter	Gas (inch)	3/8"	3/8"	3/8"	1/2"	1/2"	1/2"	1/2"	1/2"	
	Liquid (inch)	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	

MODEL		INV-Rh56P/Na-K	INV-Rh63P/Na-K	INV-Rh71P/Na-K	INV-Rh80P/Na-K	INV-Rh90P/Na-K	INV-Rh112P/Na-K	INV-Rh125P/Na-K	
Capacity	Cooling (kW)	5.6	6.3	7.1	8.0	9.0	11.2	12.5	
	Heating (kW)	6.3	7.0	8.0	8.8	10.0	12.5	13.	
Power supply (V-Ph-Hz)		230V - 1Ph - 50Hz							
Motor Power input (W)		90	90	90	90	135	135	135	
Air Flow Volume	m ³ /h	1000	1000	1100	1100	1700	1700	1700	
	CFM	588	588	647	647	1000	1000	1000	
Standard ESP (Pa)		25	25	25	25	30	30	30	
Sound pressure level (H/L)(dB(A))		41/38	41/38	42/38	42/38	44/40	44/40	44/40	
Outline dimension (WxDxH) mm		1159 X 736 X 260	1159 X 736 X 260	1159 X 736 X 260	1159 X 736 X 260	1385 X 736 X 260	1385 X 736 X 260	1385 X 736 X 260	
Package dimension (WxDxH) mm		1395 X 785 X 320	1395 X 785 X 320	1395 X 785 X 320	1395 X 785 X 320	1682 X 196 X 310	1682 X 196 X 310	1682 X 196 X 310	
Net weight (kg)		37	37	37	37	49	49	49	
Gross weight (kg)		41	41	41	41	60	60	60	
Connecting pipe diameter	Gas (inch)	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	
	Liquid (inch)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	

INV Indoor Unit

Four-way Cassette Type (EXV Integrated)

- Low noise thanks to ternary fan blade
- Compact and light weight
- Long life and washable filter
- Drain pump with increased lift of 1100mm
- Wired remote control
- Wireless remote control
- Water pump fitted as standard



2.8kw-12.5kw



MODEL	INV-Rh28T/Na-K	INV-Rh36T/Na-K	INV-Rh45T/Na-K	INV-Rh50T/Na-K	INV-Rh56T/Na-K	INV-Rh63T/Na-K	
Capacity	Cooling (kW)	2.8	3.6	4.5	5.0	5.6	6.3
	Heating (kW)	3.2	4.0	5.0	5.8	6.3	7.0
Power supply (V-Ph-Hz)	230V - 1Ph - 50Hz						
Motor Power input (W)	27	27	28	28	37	37	
Air Flow Volume	m ³ /h	680	680	680	680	1180	1180
	CFM	400	400	400	400	695	695
Sound pressure level (H/L)(dB(A))	37/34	37/34	37/34	37/34	39/35	39/35	
Main body	Outline dimension (WxDxH) mm	840 x 840 x 190	840 x 840 x 190	840 x 840 x 190	840 x 840 x 190	840 x 840 x 240	840 x 840 x 240
	Package dimension (WxDxH) mm	1.075 X 960 X 257	1.075 X 960 X 257	1.075 X 960 X 257	1.075 X 960 X 257	1.075 X 960 X 310	1.075 X 960 X 310
	Net weight (kg)	25	25	25	25	30	30
	Gross weight (kg)	33	33	33	33	38	38
Panel	Outline dimension (WxDxH) mm	950 x 950 x 60					
	Package dimension (WxDxH) mm	1.040 x 1.025 x 115					
	Net weight (kg)	6.5	6.5	6.5	6.5	6.5	6.5
	Gross weight (kg)	10.0	10.0	10.0	10.0	10.0	10.0
Connecting pipe diameter	Gas (inch)	3/8"	1/2"	1/2"	1/2"	5/8"	5/8"
	Liquid (inch)	1/4"	1/4"	1/4"	1/4"	3/8"	3/8"

MODEL	INV-Rh71T/Na-K	INV-Rh80T/Na-K	INV-Rh90T/Na-K	INV-Rh100T/Na-K	INV-Rh112T/Na-K	INV-Rh125T/Na-K	
Capacity	Cooling (kW)	7.1	8.0	9.0	10.0	11.2	12.5
	Heating (kW)	8.0	8.8	10.0	11.0	12.5	13.5
Power supply (V-Ph-Hz)	230V - 1Ph - 50Hz						
Motor Power input (W)	83	83	133	133	133	133	
Air Flow Volume	m ³ /h	1180	1180	1860	1860	1860	1860
	CFM	695	695	1095	1095	1095	1095
Sound pressure level (H/L)(dB(A))	39/35	39/35	40/36	40/36	40/36	40/36	
Main body	Outline dimension (WxDxH) mm	840 x 840 x 240	840 x 840 x 240	840 x 840 x 320	840 x 840 x 320	840 x 840 x 320	840 x 840 x 320
	Package dimension (WxDxH) mm	1.075 X 960 X 310	1.075 X 960 X 310	1.075 X 960 X 394	1.075 X 960 X 394	1.075 X 960 X 394	1.075 X 960 X 394
	Net weight (kg)	30	30	38	38	38	38
	Gross weight (kg)	38	38	46	46	46	46
Panel	Outline dimension (WxDxH) mm	950 x 950 x 60					
	Package dimension (WxDxH) mm	1.040 x 1.025 x 115					
	Net weight (kg)	6.5	6.5	6.5	6.5	6.5	6.5
	Gross weight (kg)	10.0	10.0	10.0	10.0	10.0	10.0
Connecting pipe diameter	Gas (inch)	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"
	Liquid (inch)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"

INV Indoor Unit

Floor Ceiling Type (EXV Integrated)

- Ultra quiet operation
- Compact and light weight
- Detachable and washable filter
- Long life and washable filter
- Wired remote control
- Wireless remote control
- With cooling-heating transducer



2.8kw-5.0kw



7.1kw-12.5kw



MODEL	INV-Rh28Zd/Na-K	INV-Rh36Zd/Na-K	INV-R50Zd/Na-K	INV-R71Zd/Na-K	
Capacity	Cooling (kW)	2.8	3.6	5.0	7.1
	Heating (kW)	3.2	4.0	5.8	8.0
Power supply (V-Ph-Hz)	230V - 1Ph - 50Hz				
Motor Power input (W)	10	10	40	100	
Air Flow Volume	m ³ /h	550	600	700	1.170
	CFM	324	353	412	689
Sound pressure level (dB(A))	43	44	50	48	
Outline dimension (WxDxH) mm	840 x 238 x 695	840 x 238 x 695	840 x 238 x 695	1.300 X 188 X 600	
Package dimension (WxDxH) mm	1.090 x 295 x 805	1.090 x 295 x 805	1.090 x 295 x 805	1.570 X 248 X 724	
Net weight (kg)	26	26	27	32	
Gross weight (kg)	37	37	39	40	
Connecting pipe diameter	Gas (inch)	3/8"	1/2"	1/2"	5/8"
	Liquid (inch)	1/4"	1/4"	1/4"	3/8"



MODEL	INV-Rh90Zd/Na-K	INV-Rh112Zd/Na-K	INV-Rh125Zd/Na-K	
Capacity	Cooling (kW)	9.0	11.2	12.5
	Heating (kW)	10.0	12.5	13.5
Power supply (V-Ph-Hz)	230V - 1Ph - 50Hz			
Motor Power input (W)	150	180	180	
Air Flow Volume	m ³ /h	2.100	2.200	2.300
	CFM	1.237	1.296	1.354
Sound pressure level (dB(A))	51	54	55	
Outline dimension (WxDxH) mm	1.590 x 238 x 695	1.590 x 238 x 695	1.590 x 238 x 695	
Package dimension (WxDxH) mm	1.870 x 330 x 830	1.870 x 330 x 830	1.870 x 330 x 830	
Net weight (kg)	48	48	48	
Gross weight (kg)	63	63	63	
Connecting pipe diameter	Gas (inch)	5/8"	5/8"	5/8"
	Liquid (inch)	3/8"	3/8"	3/8"





INV Indoor Unit

Wall Mounted Type

- Wide discharge angle
- Low noise design
- Trinal air filter with anti-mildew, static electric dust capture and anti-bacteria function
- Wired remote control
- Wireless remote control
- With cooling-heating transducer



Wired (optional) Wired (standard) Wireless



With Cooling-heating Transducer
2.2kW-5.6kW



With Cooling-heating Transducer
7.1kW-8.0kW

MODEL		INV-Rh22G/Na-K	INV-Rh28G/Na-K	INV-Rh36G/Na-K	INV-Rh45G/Na-K
Capacity	Cooling (kW)	2.2	2.8	3.6	4.5
	Heating (kW)	2.5	3.2	4.0	5.0
Power supply (V-Ph-Hz)		230V - 1Ph - 50Hz			
Motor Power input (W)		50	50	50	50
Air Flow Volume	m ³ /h	360	360	500	500
	CFM	212	212	294	294
Sound pressure level (dB(A))		37	37	43	43
Outline dimension (WxDxH) mm		770 X 190 X 250	770 X 190 X 250	830 X 189 X 285	830 X 189 X 285
Package dimension (WxDxH) mm		860 X 272 X 478	860 X 272 X 478	905 X 265 X 533	905 X 265 X 533
Net weight (kg)		8.5	8.5	11	11
Gross weight (kg)		15.5	15.5	18.5	18.5
Connecting pipe diameter	Gas (inch)	3/8"	3/8"	1/2"	1/2"
	Liquid (inch)	1/4"	1/4"	1/4"	1/4"

MODEL		INV-Rh50G/Na-K	INV-Rh56G/Na-K	INV-Rh71G/Na-K	INV-Rh80G/Na-K
Capacity	Cooling (kW)	5.0	5.6	7.1	8.0
	Heating (kW)	5.8	6.3	8.0	9.0
Power supply (V-Ph-Hz)		230V - 1Ph - 50Hz			
Motor Power input (W)		60	70	70	70
Air Flow Volume	m ³ /h	700	750	1.200	1.200
	CFM	412	442	707	707
Sound pressure level (dB(A))		45	45	49	49
Outline dimension (WxDxH) mm		1.020 x 228 x 310	1.020 x 228 x 310	1.178 x 227 x 326	1.178 x 227 x 326
Package dimension (WxDxH) mm		1.080 x 390 x 420	1.080 x 390 x 420	1.415 x 333 x 475	1.415 x 333 x 475
Net weight (kg)		14.7	14.7	18.2	18.2
Gross weight (kg)		23.6	23.6	27.3	27.3
Connecting pipe diameter	Gas (inch)	1/2"	5/8"	5/8"	5/8"
	Liquid (inch)	1/4"	3/8"	3/8"	3/8"



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