



inventor[®]

Your-conditions

AIR CONDITIONING

2008

Your conditions!



Since 1916, **inventor** pioneers in the US market, 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 the **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!

 **inventor** • noun ORIGINATOR, creator, innovator, designer, developer, pioneer, mastermind, maker

Source: OXFORD DICTIONARY THESAURUS

inventor product range offers total / complete air conditioning solutions for commercial and residential applications. Units can be delivered with R410A, R407C, R22; NORMAL OR TROPICAL TYPE COMPRESSOR; HEAT PUMP OR COOLING ONLY.



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!

The manufacturing technology used in the production of the 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. Their excellent quality and operational efficiency has been awarded by the European Union with certificates of the highest standard.

Listed by applied research laboratories



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










inventor[®]

Your-conditions



wall mounted units

	Model	Refrigerant	Range of cooling capacity (KW)	Page
WALL MOUNTED UNITS  	XI + XO (Ultra Thin)	R410A	2.6 - 3.5	11
WALL MOUNTED UNITS 	AI + AO NSI + NSO	R410A	2.6 - 8.2	12
WALL MOUNTED UNITS 	SI + SO NI + NO	R407C	2.6 - 3.5 4.9 - 6.7	13
WALL MOUNTED UNITS   	XVI + XVO (Ultra Thin) DVI + DVO	R410A	2.6 - 6.5	15



residential systems

	Model	Refrigerant	Range of cooling capacity (KW)	Page
FLOOR STANDING UNITS 	RFI + RFO NFI + NFO	R410A R407C	7.0 - 17.5	17
FLOOR - CEILING UNITS 	RKI + RKO NKI + NKO	R410A R407C	5.0 - 14.1	19
FLOOR - CEILING UNITS  	VKI + VKO	R410A	7.0 - 14.1	21
4 WAY CASSETTE UNITS 	RCI + RCO NCI + NCO	R410A R407C	5.0 - 14.1	23
4 WAY CASSETTE UNITS  	VCI + VCO	R410A	7.0 - 14.1	25



ducted systems

	Model	Refrigerant	Range of cooling capacity (KW)	Page
DUCTED SPLIT SYSTEMS 	B5BX-SD + T4BX	R410A	9.9 - 15.8	29
	B5BX-SD + TSX	R407C	15.8	30
GAS FURNACES AND COILS 	G6RA + C3BA		28.1 (heating)	31
LOW PROFILE DUCTED SPLIT SYSTEMS 	NDI + NDO RDI + RDO	R407C R410A	7.0 - 17.6	33
LOW PROFILE DUCTED SPLIT SYSTEMS  	VDI + VDO	R410A	7.0 - 14.1	35



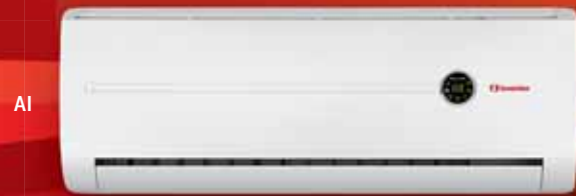
commercial systems

	Model	Refrigerant	Range of cooling capacity (KW)	Page
DUCTED SPLIT SYSTEMS TWIN CIRCUIT 	B126 + 2xT4BX-2xTSX	R410A, R407C	26.1 - 31.6	36
DUCTED SPLIT SYSTEMS 	HTBI + HTBO	R410A, R407C	25.0 - 32.2	37

Wall Mounted
Units

Residential
Systems

colors
by inventor



DC INVERTER

DC INVERTER



Pearl White



Silver



Grigio Titanium Effect



XI - Ultra Thin Series



Rosso Barchetta



Canna Di Fucile Met.



Green Effect



wall mounted units
Ultra Thin Series

- R410A environment friendly refrigerant
- **Energy class A**
- **Elegant design**
- **Quiet operation**
- **LCD wireless remote control**
 - Auto restart
 - Auto swing louver
- **24-hour programming**
- **Washable filter**



5 new colors (optional)
for Ultra Thin panels;
additional to standard

- Green Effect
- Grigio Titanium Effect
- Rosso Barchetta
- Canna Di Fucile Met.
- Pearl White
- Silver (standard)

TECHNICAL SPECIFICATIONS

MODEL		XI-09/XO-09	XI-12/XO-12
Type		Split type, cooling and heating	
Cooling capacity	Btu/h	9.000	12.000
	Watt	2.638	3.517
Heating capacity	Btu/h	10.000	13.000
	Watt	2.931	3.810
Power input cooling / heating (W)		768 / 840	1.079 / 1.103
Moisture removal (L/H.r)		1	1
Air circulation (CMH Max)		450	500
EER for cooling (W/W)		3.43	3.26
COP for heating (W/W)		3.49	3.45
Energy class	Cooling	A	A
	Heating	B	B
Refrigerant		R410A / 1.350g	R410A / 1.400g
Power supply		230V / 1PH / 50Hz	
Rated current cooling / heating (A)		3.24 / 3.66	4.69 / 4.80
LRA (A)		17	24
Noise level (dB (A))	Indoor unit	High	38
		Low	32
	Outdoor unit	53	54
Compressor type		Rotary	Rotary
Refrigerant line		1/4"	1/4"
Gas line		3/8"	1/2"
Other features			
Dimensions WxHxD (mm)	Indoor unit	1.005 x 290 x 150	1.005 x 290 x 150
	Outdoor unit	848 x 540 x 320	848 x 540 x 320
Net weight (Kg)	Indoor unit	11	11
	Outdoor unit	36	36
Packing dimensions WxHxD (mm)	Indoor unit	1.080 x 358 x 243	1.080 x 358 x 243
	Outdoor unit	878 x 600 x 360	878 x 600 x 360
Gross weight (Kg)	Indoor unit	13	13
	Outdoor unit	44	44
		CE	CE
Certificates		ISO9001	ISO9001
		ISO14001	ISO14001



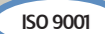
wall mounted units

- R410A environment friendly refrigerant
- Energy class A (AI/AO-09,12)
- Quiet operation
- Modern design
- LCD wireless remote control
- Auto restart (A-18,24 /NS-30)
- Auto swing louver
- 24-hour programming
- Washable filter



TECHNICAL SPECIFICATIONS

MODEL		AI-09/AO-09	AI-12/AO-12	AI-18/AO-18	AI-24/AO-24	NSI-30/NSO-30
Type		Split type, cooling and heating				
Cooling capacity	Btu/h	9.000	12.000	17.000	23.000	28.000
	Watt	2.638	3.517	4.982	6.741	8.206
Heating capacity	Btu/h	9.600	13.600	18.000	25.000	30.000
	Watt	2.814	3.986	5.275	7.327	8.793
Power input cooling / heating (W)		830 / 790	830 / 1.050	1.600 / 1.594	2.270 / 2.260	2.800 / 2.800
Moisture removal (L/H.r)		0.8	1.3	1.8	4.0	3.0
Air circulation (CMH Max)		430	450	580	830	1.200
EER for cooling (W/W)		3.25	3.33	3.11	2.97	2.93
COP for heating (W/W)		3.61	3.42	3.31	3.24	3.14
Energy class	Cooling	A	A	B	C	C
	Heating	A	B	C	C	D
Refrigerant		R410A / 780g	R410A / 1.080g	R410A / 1.050g	R410A / 1.700g	R410A / 2.600g
Power supply		230V / 1PH / 50Hz				
Rated current cooling / heating (A)		3.7 / 3.4	4.7 / 5.0	8.5 / 8.7	14.3 / 13.9	17.4 / 15.7
LRA (A)		19	26	31	60	75.5
Noise level (dB (A))	Indoor unit	High	40	40	53	58
		Low	34	34	43	45
	Outdoor unit	50	51	55	56	60
Compressor type		Rotary	Rotary	Rotary	Rotary	Scroll
Refrigerant line		1/4"	1/4"	1/4"	3/8"	3/8"
Gas line		3/8"	1/2"	1/2"	5/8"	5/8"
Other features						
Dimensions WxHxD (mm)	Indoor unit	800x290x196	800x290x196	830x285x205	1.020x228x310	1.178x227x326
	Outdoor unit	665x500x295	790x540x245	913x680x378	950x700x412	1.006x840x412
Net weight (Kg)	Indoor unit	10	10	11	15	17.5
	Outdoor unit	26	33	46	59	90
Packing dimensions WxHxD (mm)	Indoor unit	870x365x280	855x350x265	895x370x285	1.078x390x325	1.265x328x417
	Outdoor unit	725x580x350	895x635x355	994x720x428	1.100x755x450	1.100x880x450
Gross weight (Kg)	Indoor unit	11.5	11.5	14	20	24
	Outdoor unit	29	36.5	50	64	103
		CE	CE	CE	CE	CE
Certificates		ISO9001	ISO9001	ISO9001	ISO9001	ISO9001
		ISO14001	ISO14001	ISO14001	ISO14001	ISO14001



wall mounted units

- R407C environment friendly refrigerant
 - Modern design
 - Quiet operation
- LCD wireless remote control
 - Auto restart
 - Auto swing louver
 - 24-hour programming
- Removable and washable panel
 - Washable filter



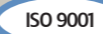
TECHNICAL SPECIFICATIONS

MODEL		SI-09/SO-09	SI-12/SO-12	NI-18/NO-18	NI-24/NO-24
Type		Split type, cooling and heating			
Cooling capacity	Btu/h	9.000	12.000	17.000	23.000
	Watt	2.638	3.517	4.982	6.741
Heating capacity	Btu/h	10.000	13.000	18.000	25.000
	Watt	2.931	3.810	5.275	7.327
Power input cooling / heating (W)		960 / 1.040	1.330 / 1.450	1.700 / 1.750	2.450 / 2.600
Moisture removal (L/H.r)		1.0	1.0	1.5	2.0
Air circulation (CMH Max)		420	450	580	720
EER for cooling (W/W)		2.75	2.64	2.93	2.75
COP for heating (W/W)		2.82	2.63	3.01	2.82
Energy class	Cooling	D	D	D	E
	Heating	D	E	E	E
Refrigerant		R407C / 700g	R407C / 1.250g	R407C / 1.400g	R407C / 2.200g
Power supply		230V / 1PH / 50Hz			
Rated current cooling / heating (A)		4.6 / 4.8	6.5 / 7.0	8.0 / 8.9	11.3 / 11.8
LRA (A)		23	30	45	64
Noise level (dB (A))	Indoor unit	High	37	40	44
		Low	35	38	40
	Outdoor unit	55	56	57	59
Compressor type		Rotary	Rotary	Rotary	Rotary
Refrigerant line		1/4"	1/4"	1/4"	3/8"
Gas line		3/8"	1/2"	1/2"	5/8"
Other features					
Dimensions WxHxD (mm)	Indoor unit	710x250x180	740x250x180	830x285x189	907x290x195
	Outdoor unit	720x430x260	720x430x260	848x540x320	950x700x412
Net weight (Kg)	Indoor unit	7	8.5	11	12
	Outdoor unit	25	28	40	59
Packing dimensions WxHxD (mm)	Indoor unit	755x315x260	810x315x260	906x385x265	1.058x366x316
	Outdoor unit	765x490x350	765x490x350	878x590x360	1.100x755x450
Gross weight (Kg)	Indoor unit	11	12	14	15
	Outdoor unit	29	32	44	64
		CE	CE	CE	CE
Certificates		ISO9001	ISO9001	ISO9001	ISO9001
		ISO14001	ISO14001	ISO14001	ISO14001





Pearl White



Green Effect

XVI-09, 12



DVI

wall mounted units



- R410A environment friendly refrigerant
- **Energy Class A**
- Advanced DC Inverter technology
- Ultra low noise level
- Modern design and LCD display for DV series
- **5 new colors for Ultra Thin panels XV series (see p.11)**
- LCD wireless remote control
- Auto restart
- Auto swing louver
- Steady operation in extreme outdoor conditions without losing capacity
- 24-hour programming
- Removable and washable panel
- Washable filter
- Low energy consumption

TECHNICAL SPECIFICATIONS

MODEL		XVI-09/XVO-09	XVI-12/XVO-12	DVI-09/DVO-09	DVI-12/DVO-12	DVI-18/DVO-18	DVI-24/DVO-24
Type		Inverter, split type, cooling and heating					
Cooling capacity	Btu/h	9.000 (1.228-11.000)	12.000 (1.331-14.000)	9.000 (3.870-10.571)	12.106 (4.092-13.981)	18.073 (8.525-19.778)	22.165 (6.820-23.188)
	Watt	2.638 (360-3.224)	3.517 (390-4.103)	2.638 (1.134-3.098)	3.550 (1.200-4.100)	5.300 (2.500-5.800)	6.500 (2.000-6.800)
Heating capacity	Btu/h	10.236 (1.228-13.000)	13.648 (1.331-15.000)	10.000 (4.092-13.282)	13.640 (4.265-15.345)	19.949 (7.843-19.778)	22.165 (5.456-27.962)
	Watt	3.000 (360-3.810)	4.000 (390-4.396)	2.930 (1.200-3.893)	4.000 (1.250-4.500)	5.850 (2.300-6.400)	6.500 (1.600-8.200)
Inverter Type		DC	DC	DC	DC	DC	DC
Power input cooling/heating (W)		1.200 / 1.400	1.450 / 1.500	730 / 805	1.100 / 1.150	1.560 / 1.620	2.020 / 1.800
Moisture removal (L/Hr)		1.2	1.2	1.6	1.6	2.0	2.4
Air circulation (CMH Max)		450	500	450	550	800	850
EER for cooling (W/W)		3.42	3.21	3.61	3.23	3.40	3.22
COP for heating (W/W)		3.38	3.52	3.64	3.48	3.61	3.61
Energy class	Cooling	A	A	A	A	A	A
	Heating	C	B	A	B	A	A
Refrigerant		R410A / 1.200g	R410A / 1.270g	R410A / 1.200g	R410A / 1.270g	R410A / 1.600g	R410A / 2.400g
Power supply		230V / 1PH / 50Hz					
Rated current cooling/heating (A)		6.0 / 6.2	7.0 / 7.2	5.9 / 6.1	7.0 / 7.2	10.5 / 10.7	14.0 / 14.2
LRA (A)		33	33	33	33	41	32
Noise level (dB (A))	Indoor	≤42	≤44	≤39	≤42	≤48	≤48
	Outdoor	≤63	≤64	≤53	≤54	≤56	≤58
Compressor type		Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
Refrigerant line		1/4"	1/4"	1/4"	1/4"	1/4"	3/8"
Gas line		3/8"	1/2"	1/2"	1/2"	1/2"	5/8"
Other features							
Dimensions WxHxD (mm)	Indoor	1.005x290x150	1.005x290x150	770x250x190	830x285x189	1.020x319x234	1.020x319x234
	Outdoor	848x540x320	848x540x320	848x540x320	848x540x320	846x685x378	950x840x420
Net weight (Kg)	Indoor	11	11	8.5	11	13	13
	Outdoor	40	40	40	40	52	68
Packing dimensions WxHxD (mm)	Indoor	1.080x358x243	1.080x358x243	855x336x272	906x385x265	1.078x390x325	1.078x390x325
	Outdoor	878x590x360	878x590x360	878x590x360	878x590x360	994x750x428	1.100x905x450
Gross weight (Kg)	Indoor	13	13	12.5	14	17	17
	Outdoor	44	44	44	44	57	73
Certificates		CE	CE	CE	CE	CE	CE
		ISO9001	ISO9001	ISO9001	ISO9001	ISO9001	ISO9001
		ISO14001	ISO14001	ISO14001	ISO14001	ISO14001	ISO14001



floor standing units

- R410A environment friendly refrigerant (RFI/RFO)
- R407C environment friendly refrigerant (NFI/NFO)
- Digital liquid display and wireless remote control
 - Sanyo scroll compressor
- Low temperature start, auxiliary heating with electric heater included as standard
 - High air flow
 - Auto error diagnosis
- Vertical auto swing louver
 - 24-hour programming
 - Auto restart
- High/low pressure switch, phase protector and overload protection
 - Sensors for high and low pressure protection
- Heavy gauge galvanized steel with corrosion resistant electrostatic paint and blue fin coil
 - Low energy consumption
 - Quiet operation
- Outdoor operating temperature from -14°C to +52°C

TECHNICAL SPECIFICATIONS

MODEL (indoor + outdoor)		RFI-30+RFO-30	RFI-50+RFO-50	NFI-30+NFO-30	NFI-50+NFO-50	NFI-66+NFO-66
Cooling capacity	Btu/h	24.000	48.000	24.000	48.000	60.000
	Watt	7.034	14.068	7.034	14.068	17.585
Heating capacity + Auxiliary heating	Btu/h	28.000+7.165	49.000+11.942	26.500+6.142	49.000+11.942	66.000+11.942
	Watt	8.206+2.100	14.361+3.500	7.766+1.800	14.361+3.500	19.343+3.500
Electrical Data						
Voltage/Frequency/Phase (V/Hz/Ph)		230/50/1	380/50/3	230/50/1	380/50/3	380/50/3
Power input cooling / heating (W)		2.650 / 2.600	4.800 / 4.700	3.000 / 2.500	5.300 / 4.700	6.150 / 5.800
Rated current cooling / heating (A)		16.5 / 12	-	14.5 / 11.8	9.1 / 8.1	10.3 / 9.5
PTC heater power input (W)		2.100	3.500	1.800	3.500	3.500
Outdoor unit						
Power supply wires (No x mm ²)		-	-	3x4 (indoor)	5x4 (indoor)	5x4
Fuses (A)		-	-	1x25 (indoor)	3x25 (indoor)	3x25
EER (W/W)		2.65	2.93	2.35	2.65	2.86
COP (W/W)		3.16	3.06	3.11	3.05	3.33
Noise level (dB (A))		56	61	58	61	64
Indoor unit						
Air flow (m ³ /h)		900	1.600	900	1.700	2.050
Moisture removal (L/H.r)		2.8	5.0	2.4	5.0	4.5
Speeds				3		
Noise level high/low (dB (A))		52 / 46	55 / 49	51 / 42	57 / 52	58 / 53
Other features						
Dimensions HxLxW (mm)	Indoor unit	1.750x500x300	1.790x540x380	1.750x540x300	1.750x570x380	1.850x580x390
	Outdoor unit	950x700x412	1.250x950x412	950x840x412	1.250x950x412	1.250x950x412
Net weight indoor / outdoor unit (Kg)		43 / 65	58 / 112	50 / 75	58 / 112	60 / 112
Refrigerant line		3/8"	1/2"	3/8"	1/2"	1/2"
Gas line		5/8"	3/4"	5/8"	3/4"	3/4"
Refrigerant		R410A / 2.400g	R410A / 3.800g	R407C / 3.000g	R407C / 3.800g	R407C / 5.500g





floor-ceiling units



RKI
NKI

- R410A environment friendly refrigerant (RKI/RKO)
- R407C environment friendly refrigerant (NKI/NKO)
 - Elegant design
 - Sanyo scroll compressor
 - Quiet operation
- LCD wireless remote control
 - Auto restart
 - 24-hour programming
 - Auto swing louver
- Outdoor operating temperature from -14°C to +52°C
 - Low energy consumption
 - High/low pressure switch, phase protector and overload protection
 - Sensors for high and low pressure protection
- Heavy gauge galvanized steel with corrosion resistant electrostatic paint and blue fin coil

TECHNICAL SPECIFICATIONS

MODEL (indoor + outdoor)		RKI-18+RKO-18	RKI-26+RKO-26	NKI-50+NKO-50
Cooling capacity	Btu/h	17.050	25.000	48.000
	Watt	5.000	7.327	14.068
Heating capacity	Btu/h	19.096	29.000	49.000
	Watt	5.600	8.500	14.361
Electrical Data				
Voltage/Frequency/Phase (V/Hz/Ph)		230/50/1	230/50/1	380/50/3
Power input cooling / heating (W)		1.790 / 2.090	2.830 / 2.980	4.995 / 4.416
Rated current cooling / heating (A)		11.5 / 11.5	14.7 / 16.2	8.3 / 7.8
Outdoor unit				
Power supply wires (No x mm ²)		3x2.5	3x2.5	5x2.5
Fuses (A)		1x16	1x16	3x20
EER (W/W)		2.79	2.59	2.82
COP (W/W)		2.68	2.85	3.25
Noise level (dB (A))		59	57	63
Indoor unit				
Air flow (m ³ /h)		700	1170	2.200
Moisture removal (L/H.r)		1.6	2.4	3.4
Speeds			3	
Noise level (dB (A))		46	50	55
Other features				
Dimensions HxLxW (mm)	Indoor unit	695 x 836 x 238	600 x 1.300 x 188	695 x 1.590 x 238
	Outdoor unit	690 x 920 x 378	840 x 950 x 412	1.250 x 950 x 412
Net weight indoor / outdoor unit (Kg)		27 / 52	32 / 75	42 / 112
Refrigerant line		1/4"	3/8"	1/2"
Gas line		1/2"	5/8"	3/4"
Refrigerant		R410A / 1.500g	R410A / 2.400g	R407C / 3.400g



DC INVERTER



floor-ceiling units



WIRED AND WIRELESS CONTROLLER

- 24-hour programming
- Sleep mode
- Defrost status display
- Auto error diagnosis
- Outdoor temperature display
- Energy saving feature
- Regulation of fresh air status (optional)



- R410A environment friendly refrigerant
- Advanced DC Inverter technology: automatic control of cooling or heating according to indoor temperature resulting in maximum performance with minimum energy consumption
- Mitsubishi DC Inverter scroll compressor
 - Elegant design
 - Ultra low noise level
 - Centralized control; up to 16 modules with weekly timer
 - Auto restart
- 24-hour programming
- Auto swing louver
- High/low pressure switch, phase protector and overload protection
- Sensors for high and low pressure protection
- Steady operation in extreme outdoor temperature without losing capacity
- Heavy gauge galvanized steel with corrosion resistant electrostatic paint and blue fin coil

TECHNICAL SPECIFICATIONS

MODEL (indoor + outdoor)		VKI-26+URS-24	VKI-45+URS-45	VKI-45+URT-45	VKI-50+URS-50	VKI-50+URT-50
Cooling capacity	Btu/h	6.824 - 24.000	11.942 - 42.000	18.766 - 42.000	11.942 - 48.000	18.766 - 48.000
	Watt	7.034	12.309	12.309	14.068	14.068
Heating capacity	Btu/h	6.824 - 28.000	11.942 - 50.000	17.060 - 50.000	11.942 - 56.000	17.060 - 56.000
	Watt	8.206	14.654	14.654	16.413	16.413
Electrical Data						
Voltage/Frequency/Phase (V/Hz/Ph)		230/50/1	230/50/1	380/50/3	230/50/1	380/50/3
Power input cooling / heating (W)		2.450 / 2.600	4.200 / 4.500	4.200 / 4.400	5.700 / 4.700	5.700 / 4.600
Rated current cooling / heating (A)		11.2 / 11.9	24.7 / 24.8	7.9 / 7.8	31.5 / 27.5	10.6 / 9.9
Outdoor unit						
Power supply wires (No x mm ²)		-	-	-	-	-
Fuses (A)		-	-	-	-	-
EER (W/W)		2.87	2.93	2.93	2.47	2.47
COP (W/W)		3.16	3.26	3.33	3.49	3.57
Noise level (dB (A))		59	63	63	63	63
Indoor unit						
Air flow (m ³ /h)		1170	2.200	2.200	2.300	2.300
Moisture removal (L/H.r)		-	4.4	4.6	5.0	5.2
Speeds				3		
Noise level (dB (A))		50	49	49	54	58
Other features						
Dimensions HxLxW (mm)	Indoor unit	600x1.300x188	695x1.590x238	695x1.590x238	695x1.590x238	695x1.590x238
	Outdoor unit	685x846x300	1.250x950x412	1.250x950x412	1.250x950x412	1.250x950x412
Net weight indoor / outdoor unit (Kg)		32 / 59	42 / 128	42 / 128	42 / 128	42 / 128
Refrigerant line		3/8"	1/2"	1/2"	1/2"	1/2"
Gas line		5/8"	3/4"	3/4"	3/4"	3/4"
Refrigerant		R410A / 2.000g	R410A / 4.000g	R410A / 4.000g	R410A / 4.000g	R410A / 4.000g



4-way ceiling cassette units



- R410A environment friendly refrigerant (RCI/RCO)
- R407C environment friendly refrigerant (NCI/NCO)
 - LCD wireless remote control
 - Sanyo scroll compressor
- Low height from 23cm to 32cm
 - Overflow pump indicator
 - Auto swing louver
 - 4-way airflow
 - 24-hour programming
 - Auto restart
- Easily removable and washable panel
 - Low energy consumption
 - Quiet operation
- Outdoor operating temperature from -14°C to +52°C
- High/low pressure switch, phase protector and overload protection
 - Sensors for high and low pressure protection
- Heavy gauge galvanized steel with corrosion resistant electrostatic paint and blue fin coil

TECHNICAL SPECIFICATIONS

MODEL (indoor + outdoor)		RCI-18+RCO-18	NCI-26+NCO-26	NCI-50+NCO-50
Cooling capacity	Btu/h	17.050	24.000	48.000
	Watt	5.000	7.034	14.068
Heating capacity	Btu/h	18.755	26.500	49.000
	Watt	5.500	7.767	14.361
Electrical Data				
Voltage/Frequency/Phase (V/Hz/Ph)		230/50/1	230/50/1	380/50/3
Power input cooling / heating (W)		2.000 / 2.100	2.931 / 3.148	4.750 / 4.400
Rated current cooling / heating (A)		11.8 / 10.1	12.5 / 12.5	8.0 / 7.5
Outdoor unit				
Power supply wires (No x mm ²)		3x2.5	3x2.5	5x2.5
Fuses (A)		1x16	1x16	3x20
EER (W/W)		2.50	2.40	2.96
COP (W/W)		2.62	2.47	3.26
Noise level (dB (A))		59	60	63
Indoor unit				
Air flow (m ³ /h)		680	1180	1860
Moisture removal (L/H.r)		-	4.0	7.0
Speeds		3		
Noise level high / low (dB (A))		53 / 47	47 / 41	53 / 47
Other features				
Dimensions HxLxW (mm)	Panel	50 x 650 x 650	60 x 950 x 950	60 x 950 x 950
	Indoor unit	230 x 600 x 600	240 x 840 x 840	320 x 840 x 840
	Outdoor unit	700 x 950 x 412	840 x 950 x 412	1.250 x 950 x 412
Net weight indoor / outdoor unit (Kg)		20 / 65	30 / 75	38 / 112
Refrigerant line		3/8"	3/8"	1/2"
Gas line		5/8"	5/8"	3/4"
Refrigerant		R410A / 2.000g	R407C / 2.800g	R407C / 3.800g

R410A

R407C

CE

ISO 9001

ISO 14001

RoHS
COMPLIANT
2002/95/EC

DC INVERTER



4-way ceiling cassette units



- R410A environment friendly refrigerant
- Advanced DC Inverter technology: automatic control of cooling or heating according to indoor temperature resulting in maximum performance with minimum energy consumption
- Mitsubishi DC Inverter Scroll compressor
 - Centralized control; up to 16 modules with weekly timer
 - Low height from 24cm to 32cm
 - Overflow pump indicator
 - Auto swing louver
 - 4-way airflow
 - Fresh air valve (optional)
 - Auto restart
- Easily removable and washable panel
 - Low energy consumption
 - Ultra low noise level
- Steady operation in extreme outdoor conditions without losing capacity
 - High/low pressure switch, phase protector and overload protection
 - Sensors for high and low pressure protection
 - Heavy gauge galvanized steel with corrosion resistant electrostatic paint and blue fin coil



WIRED AND WIRELESS REMOTE CONTROL

- 24-hour programming
- Sleep mode
- Defrost status display
- Auto error diagnosis
- Outdoor temperature display
- Energy saving feature
- Regulation of fresh air status (optional)



TECHNICAL SPECIFICATIONS

MODEL (indoor + outdoor)		VCI-26+URS-24	VCI-45+URS-45	VCI-45+URT-45	VCI-50+URS-50	VCI-50+URT-50
Cooling capacity	Btu/h	6.824 - 24.000	11.942 - 42.000	18.766 - 42.000	11.942 - 48.000	18.766 - 48.000
	Watt	7.034	12.309	12.309	14.068	14.068
Heating capacity	Btu/h	6.824 - 28.000	11.942 - 50.000	17.060 - 50.000	11.942 - 56.000	17.060 - 56.000
	Watt	8.206	14.654	14.654	16.413	16.413
Electrical Data						
Voltage/Frequency/Phase (V/Hz/Ph)		230/50/1	230/50/1	380/50/3	230/50/1	380/50/3
Power input cooling / heating (W)		2.450 / 2.600	4.200 / 4.500	4.200 / 4.400	5.700 / 4.700	5.700 / 4.600
Rated current cooling / heating (A)		11.2 / 11.9	24.7 / 24.8	7.9 / 7.8	31.5 / 27.5	10.6 / 9.9
Outdoor unit						
Power supply wires (No x mm ²)		-	-	-	-	-
Fuses (A)		-	-	-	-	-
EER (W/W)		2.87	2.93	2.93	2.47	2.47
COP (W/W)		3.16	3.26	3.33	3.49	3.57
Noise level (dB (A))		59	63	63	63	63
Indoor unit						
Air flow (m ³ /h)		1180	1860	1860	2.000	2.000
Moisture removal (L/H.r)		-	4.4	4.3	4.9	5.4
Speeds				3		
Noise level (dB (A))		47	53	54	55	55
Other features						
Dimensions HxLxW (mm)	Panel	60 x 950 x 950	60 x 950 x 950	60 x 950 x 950	60 x 950 x 950	60 x 950 x 950
	Indoor unit	240 x 840 x 840	320 x 840 x 840	320 x 840 x 840	320 x 840 x 840	320 x 840 x 840
	Outdoor unit	685 x 846 x 300	1.250 x 950 x 412	1.250 x 950 x 412	1.250 x 950 x 412	1.250 x 950 x 412
Net weight indoor / outdoor unit (Kg)		30 / 59	38 / 128	38 / 128	38 / 128	38 / 128
Refrigerant line		3/8"	1/2"	1/2"	1/2"	1/2"
Gas line		5/8"	3/4"	3/4"	3/4"	3/4"
Refrigerant		R410A / 2.000g	R410A / 4.000g	R410A / 4.000g	R410A / 4.000g	R410A / 4.000g



Ducted Split Systems

Ducted Split Systems

DC INVERTER

RDI
VDI



R410A



R407C

NDI



NDO
RDO
VDO

B5BX



R410A



T4BX

R410A



HTBI-120

R407C



HTBO



HTBI-100





B5BX INDOOR UNITS

- Durable attractive cabinet
- Multi positioned: horizontal, vertical, up flow, down flow
- Multi speed operation - flexibility of installation
- High static pressure 150 Pa and high air flow
- Permanently lubricated "General Electric" motor
- Fully accessible for maintenance
- Plug-in electric heater kits (5-15KW)



SD LOW PROFILE INDOOR UNITS

- Ideal for low height installations; fake ceiling
- High static pressure and air flow
- Covered by insulated material
- 3 speed Nicotra fan assures low noise level



T4BX OUTDOOR UNITS

- R410A environment friendly refrigerant
- Heavy gauge galvanized steel with corrosion resistant electrostatic paint
- Permanently lubricated "General Electric" motor
- Copeland scroll compressor
- High pressure switch
- Liquid line filter drier
- Adjustable time defrost operation
- Five minutes time restart delay
- Outdoor operating temperature from -14°C to +52°C
- Guaranteed operation in cooling mode in low outdoor temperatures (-10°C) by using low ambient kit
- Maximum refrigerant line installation up to 65m (horizontal or vertical)

ducted split systems

B5BX



T4BX



MADE IN USA

TECHNICAL SPECIFICATIONS

MODEL (outdoor unit)		T4BX36	T4BX48	T4BX60
Cooling capacity	Btu/h	34.000	44.500	54.000
	Watt	9.965	13.042	15.826
Heating capacity	Btu/h	33.800	44.500	54.000
	Watt	9.906	13.042	15.826
Voltage/Frequency/Phase (V/Hz/Ph)		380/50/3	380/50/3	380/50/3
Power input cooling / heating (W)		3.990 / 3.660	5.910 / 4.310	6.850 / 5.000
Rated current cooling / heating (A)		7.8	10.1	11.7
Power supply wires (No x mm ²)		5x2.5	5x4	5x4
Fuses (A)		3x16	3x20	3x25
EER (W/W)		2.50	2.21	2.31
COP (W/W)		2.71	3.03	3.16
Air flow (m ³ /h/cfm)		4.250 / 2.500	5.440 / 3.200	5.440 / 3.200
Noise level (dB(A))		63	65	65
Dimensions HxLxW (mm)		678 x 572 x 572	678 x 775 x 775	678 x 775 x 775
Net weight (Kg)		77	90	92
Refrigerant line		3/8"	3/8"	3/8"
Gas line		7/8"	7/8"	7/8"
Refrigerant		R410A / 2.600g	R410A / 3.100g	R410A / 3.300g
MODEL (indoor unit)		B5BX36	B5BX48 / SD165	B5BX60 / SD165
Air flow	m ³ /h	2.125 / 1.870 / 1.411	3.060/2.516/2.227	3.400/2.200/1.600
	cfm	1.250 / 1.100 / 830	1.800/1.480/1.310	2.200/1.294/941
Net static pressure (Pa)		150	150 100	150 100
Fan		10x6-1/3HP	10x8-1/3HP 10x10-1/2HP	10x8-1/2HP 10x10-1/2HP
Voltage/Frequency/Phase (V/Hz/Ph)		220/50/1	220/50/1	220/50/1
Power supply wires (No x mm ²)		3x2.5	3x2.5 3x2.5	3x2.5 3x2.5
Fuses (A)		16	16 16	16 16
Noise level (dB(A))		46	48 48	50 48
Dimensions HxLxW (mm)		1.105 x 362 x 559	1.105x502x559 361x1.400x840	1.257x502x559 361x1.400x840
Filter dimensions (mm)		304.8 x 508 x 25.4	457.2x508x25.4 2x(300x700x25.4)	457.2x508x25.4 2x(300x700x25.4)
Net weight (Kg)		38	50 60	66 60



ducted split systems



TSX61

TSX61 OUTDOOR UNIT

- R407C environment friendly refrigerant
- Heavy gauge galvanized steel with corrosion resistant electrostatic paint
- Side discharge with two horizontal fans
- Latest coil technology with four rows
- Sanyo scroll compressor
- High/low pressure switch, phase protector
- Outdoor operating temperature from -14°C to +52°C



TECHNICAL SPECIFICATIONS

MODEL (outdoor unit)		TSX61	
Cooling capacity	Btu/h	54.000	
	Watt	15.826	
Heating capacity	Btu/h	55.000	
	Watt	16.119	
Voltage/Frequency/Phase (V/Hz/Ph)		380/50/3	
Power input cooling / heating (W)		6.850 / 5.000	
Rated current cooling / heating (A)		10.6	
Power supply wires (No x mm ²)		5x4	
Fuses (A)		3x20	
EER (W/W)		2.31	
COP (W/W)		3.22	
Air flow (m ³ /h/cfm)		6120 / 3.600	
Noise level (dB(A))		61	
Dimensions HxLxW (mm)		1.230 x 930 x 380	
Net weight (Kg)		110	
Refrigerant line		3/8"	
Gas line		7/8"	
Refrigerant		R407C / 4.200g	
MODEL (indoor unit)		B5BX48	B5BX60 / SD165
Air flow	m ³ /h	3.060/2.516/2.227	3.740/3.366/2.924 3.400/2.200/1.600
	high / medium / low cfm	1.800/1.480/1.310	2.200/1.980/1.720 2.000/1.294/941
Net static pressure (Pa)		150	150 100
Fan		10x8-1/3HP	10x8-1/2HP 10x10-1/2HP
Voltage/Frequency/Phase (V/Hz/Ph)		230/50/1	230/50/1
Power supply wires (No x mm ²)		3x2.5	3x2.5 3x2.5
Fuses (A)		16	16 16
Noise level (dB(A))		48	50 48
Dimensions HxLxW (mm)		1.105 x 502 x 559	1.257x502x559 361x1.400x840
Filter dimensions (mm)		457.2 x 508 x 25.4	457.2x508x25.4 2x(300x700x25.4)
Net weight (Kg)		50	66 60

gas furnace
natural gas
or propane



- Units are 100% fired and tested during the manufacturing line
- Faultless and quiet operation
- Fixed 36 seconds blower delay at burner start-up
- 108 seconds fixed cooling cycle blower-off relay
- Dependable shock-mounted hot surface ignitor
- Four speed direct drive blower – designed to give a wide range of cooling capacities
- Capable of receiving 100% fresh air
- Cooling operation when matched with coil and condensing unit
- LP convertible-simple burner orifice and regulator spring change for ease of convertibility
- Carries CE Certificate

TECHNICAL SPECIFICATIONS

MODEL		G6RA-120
Input Btu/h (a)		120.000
Heating capacity	Btu/h	96.000
	Watt	28.140
Annual fuel utilization efficiency		80+
Max. Htg. Ext. St. Press. (Pa)		125
Blower D x W		11 x 10
Motor H.P. - Speed - Type		3/4-4-PSC
Motor FLA		4.2
Air flow		2.890/2.329/1.870/1.445
high / high-medium / medium-low / low (m ³ /h)		
Net weight (Kg)		82
Voltage/Frequency/Phase (V/Hz/Ph)		230/50/1
Dimensions HxLxW (mm)		1.092 x 572 x 702



coil
in insulated box

TECHNICAL SPECIFICATIONS

MODEL		C3BA060-C
Face area (m ²)		0.518
Rows		3
Refrigerant flow control		Fixed orifice
Nominal airflow (m ³ /h)		3.060
Pressure drop at nominal airflow (Pa)		74.7
Dimensions HxLxW (mm)		680 x 572 x 530
Refrigerant line		3/8"
Gas line		7/8"





R410A

RDI-24, 50, 60

- Compact size for easy installation above fake ceiling (indoor's height from 27 up to 32cm)
- High static pressure (150 Pa)
- Fresh air valve setting can be defined from the wire-controller (optional)
- Indoor room sensor at the air intake of the indoor unit and inside the controller (user can select one from the two indoor sensors)
- Condensate pump included with maximum height 1,10m
- Maximum refrigerant pipe length is 50m horizontal and 30m vertical



R407C

NDI-60

- Compact size for easy installation above fake ceiling (indoor's height 37cm)
- High static pressure (120 Pa)
- Fresh air inlet opening on the side of indoor unit
- Return air suction on the bottom or back side of the indoor unit
- High or normal static pressure can be selected by the installer
- Electric heater kit 3.6 KW included as standard

WIRED AND WIRELESS REMOTE CONTROL (RD)



- 24-hour programming*
- Sleep mode*
- Defrost status display*
- Fresh air status display*
- Auto error diagnosis*
- Outdoor temperature display
- Energy saving feature

* Applies for ND series as well



low profile ducted split systems

- R410A environment friendly refrigerant (RDI/RDO)
- R407C environment friendly refrigerant (NDI/NDO)
 - Ideal for low height installations
- LCD wired control and wireless remote control
 - Centralized control; up to 16 modules with weekly timer
 - 3 speed operation + Auto
- During defrost mode, indoor fan stops operating automatically
- Hot Start operation: Thermostat on indoor coil for the control of indoor's fan start in heating mode
- Condensate drainpipe either on right or left side of indoor unit
 - Low noise and high efficiency Sanyo Scroll compressor
- High/low pressure switch, phase protector and overload protection
 - Sensors for high and low pressure protection
- Heavy gauge galvanized steel with corrosion resistant electrostatic paint and blue fin coil
- Outdoor operating temperature from -14°C to +52°C

TECHNICAL SPECIFICATIONS

MODEL (indoor + outdoor)	NDI-60+NDO-60	RDI-24+RDO-24	RDI-50+RDO-50	RDI-60+RDO-60	
Cooling capacity	Btu/h	60.000	24.000	48.000	60.000
	Watt	17585	7034	14.068	17585
Heating capacity + Auxilliary heating	Btu/h	62.000 + 12.283	28.000	53.000	66.000
	Watt	18.171 + 3.600	8.206	15.533	19.343
Electrical Data					
Voltage/Frequency/Phase (V/Hz/Ph)	380/50/3	220/50/1	380/50/3	380/50/3	
Power input cooling / heating (W)	5.900 / 6.000	2.800 / 2.400	5.300 / 4.950	6.300 / 5.500	
Rated current cooling / heating (A)	10.5 / 10.9	19.7 / 16.5	9.0 / 8.2	10.5 / 9.6	
PTC heater power input (W)	3.600	-	-	-	
Outdoor unit					
Power supply wires (No x mm ²)	5x4	3x2.5	5x2.5	5x4	
Fuses (A)	3x25	1x20	3x20	3x25	
EER (W/W)	2.98	2.51	2.65	2.79	
COP (W/W)	3.03	3.42	3.14	3.52	
Noise level (dB (A))	64	59	62	64	
Indoor unit					
Air flow (m ³ /h)	2.500	1.400	2.000	2.500	
Net static pressure (Pa)	120	80	150	150	
Speeds	3				
Noise level high/low (dB (A))	53 / 44	44 / 40	48 / 44	53 / 44	
Other features					
Dimensions HxLxW (mm)	Indoor	370x1463x756	268x1259x504	320x1160x770	320x1160x770
	Outdoor	1.250x950x412	950x700x412	1.250x950x412	1.250x950x412
Net weight indoor/outdoor unit (Kg)		95 / 123	37 / 59	66 / 112	66 / 112
Refrigerant line		1/2"	3/8"	1/2"	1/2"
Gas line		7/8"	5/8"	3/4"	3/4"
Refrigerant		R407C / 5.000g	R410A / 2.000g	R410A / 3.500g	R410A / 5.000g

R410A

R407C

CE

ISO 9001

ISO 14001

RoHS
COMPLIANT
2002/95/EC

DC INVERTER



WIRED AND WIRELESS CONTROLLER

- 24-hour programming
- Sleep mode
- Defrost status display
- Auto error diagnosis
- Outdoor temperature display
- Energy saving feature
- Regulation of fresh air status (optional)



low profile ducted split systems



- R410A environment friendly refrigerant
- Advanced DC Inverter technology: automatic control of cooling or heating according to indoor temperature resulting in maximum performance with minimum energy consumption
- Ideal for low height installations; fake ceiling (from 27 to 29cm)
 - Centralized control; up to 16 modules with weekly timer
 - 3-level speed operation + Auto
 - High static pressure (150 Pa)
 - High or normal static pressure can be selected by the installer
 - During defrost mode indoor fan stops operating automatically
- Condensate pump included with maximum elevation height 1.10m
- Hot Start operation: Thermostat on indoor coil for the control of indoor's fan start in heating mode
 - High efficiency DC Inverter Mitsubishi compressor
 - Ultra low noise level
 - High/low pressure switch, phase protector and overload protection
 - Sensors for high and low pressure protection
- Heavy gauge galvanized steel with corrosion resistant electrostatic paint and blue fin coil
 - High and low pressure switch
- Steady operation in extreme outdoor conditions without losing capacity
 - Low energy consumption

TECHNICAL SPECIFICATIONS

MODEL (indoor + outdoor)		VDI-24+URS-24	VDI-45+URS-45	VDI-45+URT-45	VDI-50+URS-50	VDI-50+URT-50
Cooling capacity	Btu/h	6.824 - 24.000	11.942 - 42.000	18.766 - 42.000	11.942 - 48.000	18.766 - 48.000
	Watt	7.034	12.309	12.309	14.068	14.068
Heating capacity	Btu/h	6.824 - 28.000	11.942 - 50.000	17.060 - 50.000	11.942 - 56.000	17.060 - 56.000
	Watt	8.206	14.654	14.654	16.413	16.413
Electrical Data						
Voltage/Frequency/Phase (V/Hz/Ph)		230/50/1	230/50/1	380/50/3	230/50/1	380/50/3
Power input cooling / heating (W)		2.450 / 2.600	4.200 / 4.500	4.200 / 4.400	5.700 / 4.700	5.700 / 4.600
Rated current cooling / heating (A)		11.2 / 11.9	24.7 / 24.8	7.9 / 7.8	31.5 / 27.5	10.6 / 9.9
Outdoor unit						
Power supply wires (No x mm ²)		-	-	-	-	-
Fuses (A)		-	-	-	-	-
EER (W/W)		2.87	2.93	2.93	2.47	2.47
COP (W/W)		3.16	3.26	3.33	3.49	3.57
Noise level (dB (A))		59	63	63	63	63
Indoor unit						
Air flow (m ³ /h)		1.400	2.000	2.000	2.400	2.400
Net static pressure (Pa)		80	150	150	150	150
Speeds				3		
Noise level (dB (A))		44	48	48	48	48
Other features						
Dimensions HxLxW (mm)	Indoor unit	268x1.270x504	290x1.251x744	290x1.251x744	290x1.251x744	290x1.251x744
	Outdoor unit	685x846x300	1.250x950x412	1.250x950x412	1.250x950x412	1.250x950x412
Net weight indoor/outdoor unit (Kg)		37 / 59	57 / 128	57 / 128	57 / 128	57 / 128
Refrigerant line		3/8"	1/2"	1/2"	1/2"	1/2"
Gas line		5/8"	3/4"	3/4"	3/4"	3/4"
Refrigerant		R410A / 2.000g	R410A / 4.000g	R410A / 4.000g	R410A / 4.000g	R410A / 4.000g

R410A

CE

ISO 9001

ISO 14001

RoHS COMPLIANT 2002/95/EC

commercial ducted split systems

- R410A environment friendly refrigerant (T4BX)
- R407C environment friendly refrigerant (TSX61)
- Vertical or horizontal mounting
- Compact design for easy installation above fake ceiling
- Double circuit unit for higher autonomy
- High static pressure and big airflow
- 3 speed operation
- Low energy consumption
- Copeland scroll compressor
- Alternative usage of hot water element assures operation in extremely low temperatures
- Heavy gauge galvanized steel with corrosion resistant electrostatic paint
- Outdoor operating temperature from -14°C to +52°C



TECHNICAL SPECIFICATIONS

MODEL (outdoor unit)		2 x T4BX48	2 x TSX61	2 x T4BX60
Cooling capacity	Btu/h	89.000	108.000	108.000
	Watt	26.084	31.652	31.653
Heating capacity	Btu/h	89.000	110.000	108.000
	Watt	26.084	32.238	31.653
Voltage/Frequency/Phase (V/Hz/Ph)		380/50/3		
Power input cooling / heating (W)		2 x (5.910/4.310)	2 x (6.850/5.000)	2 x (6.850/5.000)
Rated current cooling / heating (A)		2 x 10.1	2 x 10.6	2 x 11.7
Power supply wires (No x mm ²)		2 x 5x4	2 x 5x4	2 x 5x4
Fuses (A)		2 x 3x20	2 x 3x20	2 x 3x25
EER (W/W)		2.21	2.31	2.31
COP (W/W)		3.03	3.22	3.16
Air flow (m ³ /h/cfm)		10.880 / 6.400	12.240 / 7.200	10.880 / 6.400
Noise level (dB(A))		66	65	66
Dimensions HxLxW (mm)		2 x (678x775x775)	2 x (1.230x930x380)	2 x (678x775x775)
Net weight (Kg)		2 x 90	2 x 110	2 x 92
Refrigerant line		2 x 3/8"	2 x 3/8"	2 x 3/8"
Gas line		2 x 7/8"	2 x 7/8"	2 x 7/8"
Refrigerant		R410A / 2x3.100g	R407C / 2x4.200g	R410A / 2x3.300g
MODEL (indoor unit)		B126		
Air flow high / medium / low	m ³ /h	6.600 / 5.732 / 4.850		
	cfm	3.385 / 3.372 / 2.853		
Net static pressure (Pa)		150		
Fan		2 x (10x10-3/4HP)		
Voltage/Frequency/Phase (V/Hz/Ph)		220/50/1		
Power supply wires (No x mm ²)		3x2.5		
Fuses (A)		16		
Noise level (dB(A))		52		
Dimensions HxLxW (mm)		670 x 1.290 x 1.100		
Filter dimensions (mm)		2 x (635x555x25.4)		
Net weight (Kg)		96		



commercial ducted split systems

- R410A environment friendly refrigerant (HTBI/HTBO-120)
- R407C environment friendly refrigerant (HTBI/HTBO-100)
- Compact design for easy installations above fake ceiling (HTBI-100 low height 36cm)
- Digital wired control using touch pad and LCD display
 - Wireless control (HTB-120)
 - Centralized control; up to 16 modules (HTB-120)
- High static pressure (180Pa) and big airflow
 - Belt-driven indoor fan (HTB-120)
 - Sanyo scroll compressor (HTB-100)
 - Danfoss scroll compressor (HTB-120)
 - Low energy consumption
 - Ultra low noise level
- Heavy gauge galvanized steel with corrosion resistant electrostatic paint
- Outdoor operating temperature from -14°C to +52°C
- Fan speed controller included for static pressure and air flow adjustment (HTB-100)



TECHNICAL SPECIFICATIONS

MODEL (indoor + outdoor)		HTBI-100+HTBO-100	HTBI-120+HTBO-120
Cooling capacity	Btu/h	86.000	110.000
	Watt	25.000	32.239
Heating capacity	Btu/h	96.500	120.000
	Watt	28.000	35.170
Electrical Data			
Voltage/Frequency/Phase (V/Hz/Ph)		380/50/3	
Power input cooling / heating (W)		11.000 / 10.500	11.000 / 9.000
Rated current cooling / heating (A)		19 / 18.4	27 / 23
Outdoor unit			
EER (W/W)		2.27	2.93
COP (W/W)		2.67	3.91
Number of compressors		1	1
Number of fans		1	1
Power supply wires (No x mm ²)		5x6	-
Fuses (A)		3x32	-
Noise level (dB (A))		56	67
Indoor unit			
Air flow high / medium / low (m ³ /h)		4.500 / 3.800 / 3.000	5.500
Number of fans		2	2
Net static pressure (Pa)		180	180
Speeds		3	1
Noise level high / medium / low (dB(A))		54 / 52 / 49	57
Other features			
Dimensions HxLxW (mm)	Indoor unit	360 x 1.570 x 840	500 x 1.500 x 1.000
	Outdoor unit	1.750 x 1.000 x 750	2.000 x 1.162 x 980
Net weight indoor / outdoor unit (Kg)		92 / 161	170 / 250
Refrigerant line (mm)		12.7	12.7
Gas line (mm)		28.58	28.58
Refrigerant		R407C / 8.500g	R410A / 9.500g

(-) pending





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