



High Static Ducted Split



R22

FBHV-0914-A

TYPE OF REFRIGERANT

R22

Indoor Unit (Single Skin Ducted Type)



FBH40/50BV1X



FBV300/350B3Y1C



FBH60BV1X
FBH80/100BBV1X



FBV400/500B4Y1C



FBH125B/150B1BY1C



FBV450B3Y1C



FBV200B2Y1C



FBV600B4Y1X



FBV250/300B2Y1C



FBV750B5Y1X

Indoor Unit (Double Skin Ducted Type)

Outdoor Model



FBDH80/100BV1X



FBDH300B3Y1X



FBDH125B/150B1Y1X



FBDH350B3Y1X



FBDH200/250/300B2Y1X



FBDH400/500B4Y1X



R35DV1
R40/50/61DY1



RH72/80CY1X



RV100/125BY1C



RV150CY1X

This unprecedented innovation is brought to you by Daikin - the trusted name in air-conditioning for quality and reliable after-sales-service. With a nationwide service network, Daikin is ever ready to take you to a new dimension in cooling comfort.

100% coil leak test by helium testing method and every components being used in Daikin unit are tested, at R&D test lab, which is registered under ISO standard and recognised by Sirim.

Copper tubes were tested at burst pressure, where it is at least 3 times the refrigerant operating pressure.

Every unit receives a 100% unit run test before leaving the production line in the factory, which is registered under ISO standard and recognised by Sirim.



● Wide Product Range

Daikin ducted split is offering very wide range of product lineup which is applicable from residential, to light commercial or even commercial use.

● Modular Combination

Daikin ducted split product is connectable to 9 different capacities of outdoor units. The individual indoor units capacity can ranking up to 750 kBtu/hr (for single skin) and 500kBtu/hr (for double skin)

● Cabinet Construction

Both indoor and outdoor are coated with weatherproofed electro galvanized mild steel casing, with an epoxy polyester powder coated for severe external conditions. Service panel is available at the convenience side for both indoor and outdoor.

● Indoor Air Throw Direction

With the choices of vertical and horizontal air throw make it versatile to various architectural design.

● Changeable Drive Package

Non-standard external static pressure & airflow requirement can be sized by changing the factory fitted drive package. (for belt drive model only)

● Excellent Thermal barrier (applicable to double skin ducted type)

- All the frameworks are insulated with 1 inch double skin PU insulation panel to create a thermal barrier between the internal and external surfaces.
- The Polyurethane foam (PU) create the optimum insulation performance and rigidity.

● Easy To Reach Access Valve

Discharge line and suction line access valve is accessible without opening the unit casing.

● Insulation

Fire-resistant Polyethylene is used at every possible condensate panel to prevent all forms of water or moisture penetration. Polyethylene, which is also a type a Closed Cell Foam Insulation (CCF) has offered the following advantages:

- Durable external surface that resists dirt tough and resilient.
- Higher degree of puncture resistance when compared to fiberglass.
- Easily cleaned surface (if necessary) to further resist microbial growth.

● Components

- Compressor:
Each high efficiency scroll type compressor is hermetically sealed, quiet running and supported on rubber mounts to minimize vibration.
- Indoor Fan:
A dynamically balanced forward curved fan with a field changeable pulley package, in order to match the designed supply air requirements (For belt-driven model only)

● Safety Features

- High pressure and low pressure protection
- Phase sequencer is used to detect for any wrong phase and phase loss during installation and operation.
- Built-in internal overload protection for compressor

● R22 High Static Ducted Type (Single Skin)

MODEL	INDOOR UNIT		FBH40BV1X		FBH50BV1X	FBH60BV1X
	OUTDOOR UNIT		R35DV1	R40DY1	R50DY1	R61DY1
TOTAL COOLING CAPACITY		Btu/h	35,000	40,000	50,000	61,000
		W	10,258	11,723	14,654	17,878
INPUT POWER		W	3,155	3,942	5,608	5,954
RUNNING CURRENT - 1Ø [3Ø]		A	15.10	[6.50]	[9.30]	[10.00]
EER		Btu/hr/W	11.09	10.15	8.92	10.25
POWER SOURCE		V/Ph/Hz	220-240/1/50		380-415/3/50	
REFRIGERANT TYPE / CONTROL			R22 / INDOOR CAP. TUBE			
INDOOR AIR FLOW		l/s / CFM	590 / 1,250		755 / 1,600	1,132 / 2,400
INDOOR FAN ESP		Pa (in.wg.)	100 / 0.4		100 / 0.4	
SOUND PRESSURE LEVEL (MEASURED IN SOUND ROOM)		dBA	53		53	61
UNIT DIMENSION, HxWxD	INDOOR UNIT	mm	572 x 792 x 605			572 x 1,402 x 605
	OUTDOOR UNIT	mm	852 x 1,030 x 400			
UNIT WEIGHT	INDOOR UNIT	kg	50		55	85
	OUTDOOR UNIT	kg	78	85	88	105
COPPER PIPE SIZE	LIQUID	mm/in	9.52 / 3/8			12.7 / ½
	GAS	mm/in	19.05 / 3/4			

MODEL	INDOOR UNIT		FBH80BBV1X		FBH100BBV1X	FBH125BBY1C	FBH150B1BY1C
	OUTDOOR UNIT		RH72CY1X	RH80CY1X	RV100BY1C	RV125BY1C	RV150CY1X
TOTAL COOLING CAPACITY		Btu/h	70,000	80,000	100,000	125,000	150,000
		W	20,516	23,447	29,308	36,635	43,962
INPUT POWER		W	7,095	8,746	10,394	12,464	16,480
RUNNING CURRENT - 1 Ø [3Ø]		A	[13.60]	[15.20]	[19.60]	[21.70]	[32.80]
EER		Btu/hr/W	9.87	9.15	9.62	10.03	9.10
POWER SOURCE		V/Ph/Hz	380-415/3/50				
REFRIGERANT TYPE / CONTROL			R22 / INDOOR TXV + CAP TUBE				
INDOOR AIR FLOW		l/s / CFM	1,180 / 2,500		1,510 / 3,200	1,982 / 4,200	2,171 / 4,600
INDOOR FAN ESP		Pa (in.wg.)	100 / 0.4		100 / 0.4	230 / 0.92	230 / 0.92
SOUND PRESSURE LEVEL (MEASURED IN SOUND ROOM)		dBA	50		53	58	60
UNIT DIMENSION, HxWxD	INDOOR UNIT	mm	572 x 1,402 x 605			885 x 1,540 x 850	
	OUTDOOR UNIT	mm	946 x 1,300 x 500		946 x 939 x 1,116		1,041 x 939 x 1,116
UNIT WEIGHT	INDOOR UNIT	kg	89		93	173	180
	OUTDOOR UNIT	kg	145	166	164	169	227
COPPER PIPE SIZE	LIQUID	mm/in	12.7 / 1/2			15.88 / 5/8	
	GAS	mm/in	25.4 / 1			28.58 / 1 1/8	34.93 / 1 3/8

MODEL	INDOOR UNIT		FBV200B2Y1C	FBV250B2Y1C	FBV300B2Y1C	FBV300B3Y1C	FBV350B3Y1C	
	OUTDOOR UNIT		RV100BY1C x 2	RV125BY1C x 2	RV150CY1X x 2	RV100BY1C x 3	RV100BY1C	RV125BY1C x 2
TOTAL COOLING CAPACITY		Btu/h	200,000	250,000	300,000	300,000	350,000	
		W	58,617	73,271	87,925	87,925	102,579	
INPUT POWER		W	20,118	25,658	34,190	30,832	36,621	
RUNNING CURRENT - 1Ø [3Ø]		A	[39.30]	[44.50]	[66.40]	[59.80]	[65.00]	
EER		Btu/hr/W	9.94	9.74	8.77	9.73	9.56	
POWER SOURCE		V/Ph/Hz	380-415/3/50					
REFRIGERANT TYPE / CONTROL			R22/ INDOOR TXV					
INDOOR AIR FLOW		l/s / CFM	3,021 / 6,400	3,776 / 8,000	4,248 / 9,000	4,248 / 9,000	4,956 / 10,500	
INDOOR FAN ESP		Pa (in.wg.)	265 / 1.06	280 / 1.12	300 / 1.20	300 / 1.20	285 / 1.14	
SOUND PRESSURE LEVEL (MEASURED IN SOUND ROOM)		dBA	61	63	66	66	66	
UNIT DIMENSION, HxWxD	INDOOR UNIT	mm	885 x 1,794 x 850	1,231 x 1,766 x 1,069			1,486 x 2,022 x 1,069	
	OUTDOOR UNIT	mm	(946 x 939 x 1,116) x 2	(946 x 939 x 1,116) x 2	(1,041 x 939 x 1,116) x 2	(946 x 939 x 1,116) x 3	946 x 939 x 1,116	(946 x 939 x 1,116) x 2
UNIT WEIGHT	INDOOR UNIT		220	343	343	343	440	
	OUTDOOR UNIT	kg	164 x 2	169 x 2	227 x 2	164 x 3	164	169 x 2
COPPER PIPE SIZE	LIQUID	mm/in	15.88 / 5⁄8					
	GAS	mm/in	28.58 / 1 1⁄8	34.93 / 1 3⁄8		28.58 / 1 1⁄8	28.58 / 1 1⁄8	34.93 / 1 3⁄8

MODEL	INDOOR UNIT (SINGLE SKIN)		FBV400B4Y1C	FBV450B3Y1C	FBV500B4Y1C	FBV600B4Y1X	FBV750B5Y1X
	OUTDOOR UNIT		RV100BY1C x 4	RV150CY1X x 3	RV125BY1C x 4	RV150CY1X x 4	RV150CY1X x 5
TOTAL COOLING CAPACITY		Btu/h	400,000	450,000	500,000	600,000	750,000
		W	117,233	131,887	146,542	175,850	219,812
INPUT POWER		W	39,773	50,236	51,734	67,577	85,981
RUNNING CURRENT - 1Ø [3Ø]		A	[77.40]	[97.30]	[89.70]	[131.90]	[166.90]
EER		Btu/hr/W	10.06	8.96	9.66	8.88	8.72
POWER SOURCE		V/Ph/Hz	380-415/3/50				
REFRIGERANT TYPE / CONTROL			R22 / INDOOR TXV				
INDOOR AIR FLOW		l/s / CFM	5,664 / 12,000	6,372/ 13,500	7,080 / 15,000	8,496 / 18,000	10,619 / 22,500
INDOOR FAN ESP		Pa (in.wg.)	310 / 1.24	350 / 1.41	380 / 1.53	405 / 1.63	455 / 1.83
SOUND PRESSURE LEVEL (MEASURED IN SOUND ROOM)		dBA	66	68		70	71
UNIT DIMENSION, HxWxD	INDOOR UNIT	mm	1,486 x 2,174 x 1,336			1,918 x 2,174 x 1,775	2,197 x 2,174 x 1,775
	OUTDOOR UNIT	mm	(946 x 939 x 1,116) x 4	(1,041 x 939 x 1,116) x 3	(946 x 939 x 1,116) x 4	(1,041 x 939 x 1,116) x 4	(1,041 x 939 x 1,116) x 5
UNIT WEIGHT	INDOOR UNIT	kg	513	564	606	991	1,051
	OUTDOOR UNIT	kg	164 x 4	227 x 3	169 x 4	227 x 4	227 x 5
COPPER PIPE SIZE	LIQUID	mm/in	15.88 / ⁵ / ₈				
	GAS	mm/in	28.58 / 1 ¹ / ₈	34.93 / 1 ³ / ₈			

1) DUE TO OUR POLICY OF INNOVATION,ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 13253
3) NOMINAL COOLING CAPACITY ARE BASED ON THE CONDITIONS BELOW :
COOLING ~ 26.7 °C DB/ 19.4 °C WB INDOOR AND 35°C DB/ 23.9°C WB OUTDOOR
4) SOUND PRESSURE LEVELS ARE MEASURED IN SOUND ROOM.
5) THE CURRENT MEASURED AT SITE MAY VARY FROM THE SPECIFICATIONS STATED.
6) FOR DIFFERENT INDOOR/ OUTDOOR AIR THROW, KINDLY REFER TO OUR NETWORK DEVELOPMENT EXECUTIVES/ REPRESENTATIVES.

R22 High Static Ducted Type (Double Skin)

MODEL	INDOOR UNIT OUTDOOR UNIT		FBDH80BV1X RH80CY1X	FBDH100BV1X RV100BY1C	FBDH125BY1X RV125BY1C	FBDH150B1Y1X RV150CY1X
NOMINAL COOLING CAPACITY	Btu/hr		80,000	100,000	125,000	150,000
	W		23,447	29,308	36,635	43,962
NOMINAL TOTAL INPUT POWER	W		8,746	10,394	12,464	16,480
NOMINAL RUNNING CURRENT- 1ø [3ø]	A		[15.20]	[19.60]	[21.70]	[32.80]
EER	Btu/hr / W		9.15	9.62	10.03	9.10
POWER SOURCE	V/Ph/Hz		380-415 / 3 / 50			
REFRIGERANT TYPE/ CONTROL			R22 / INDOOR TXV			
INDOOR AIR FLOW	l/s / CFM		1,180 / 2,500	1,510 / 3,200	1,982 / 4,200	2,171 / 4,600
INDOOR FAN ESP	Pa (in.wg)		100 (0.4)	100 (0.4)	230 (0.92)	
SOUND PRESSURE LEVEL (MEASURED IN SOUND ROOM)	dBA		50	53	58	59
UNIT DIMENSION - HxWxD	INDOOR UNIT	mm	648 x 1,410 x 670	648 x 1,410 x 670	963 x 1,560 x 911	
	OUTDOOR UNIT	mm	946 x 1,300 x 500	946 x 939 x 1,116	946 x 939 x 1,116	1,041 x 939 x 1,116
UNIT WEIGHT	INDOOR UNIT	kg	112	116	161	209
	OUTDOOR UNIT	kg	166	164	169	227
COPPER PIPE SIZE	LIQUID	mm/in	12.7 / 1/2	15.88 / 5/8	15.88 / 5/8	15.88 / 5/8
	GAS	mm/in	25.4 / 1	28.58 / 1 1/8	34.93 / 1 3/8	34.93 / 1 3/8

MODEL	INDOOR UNIT OUTDOOR UNIT		FBDH200B2Y1X RV100BY1C x 2	FBDH250B2Y1X RV125BY1C x 2	FBDH300B2Y1X RV150CY1X x 2	FBDH300B3Y1X RV100BY1C x 3	FBDH350B3Y1X RV100BY1C RV125BY1C x 2	
NOMINAL COOLING CAPACITY		Btu/hr	200,000	250,000	300,000	300,000	350,000	
		W	58,617	73,271	87,925	87,925	102,579	
NOMINAL TOTAL INPUT POWER		W	20,118	25,658	34,190	30,832	36,621	
NOMINAL RUNNING CURRENT- 1ø [3ø]		A	[39.30]	[44.50]	[66.40]	[59.80]	[65.00]	
EER		Btu/hr / W	9.94	9.74	8.77	9.73	9.56	
POWER SOURCE		V/Ph/Hz	380-415 / 3 /50					
REFRIGERANT TYPE/ CONTROL			R22 / INDOOR TXV					
INDOOR AIR FLOW		l/s / CFM	3,021 / 6,400	3,776 / 8,000	4,248 / 9,000	4,248 / 9,000	4,956/ 10,500	
INDOOR FAN ESP		Pa (in.wg)	265 (1.06)	280 (1.12)	300 (1.20)	300 (1.20)	285 (1.14)	
SOUND PRESSURE LEVEL (MEASURED IN SOUND ROOM)		dBA	58	60	63	63	63	
UNIT DIMENSION - HxWxD	INDOOR UNIT	mm	967 x 1,792 x 904	1,318 x 1,770 x 1,120	1,318 x 1,770 x 1,120	1,318 x 1,770 x 1,120	1,592 x 2,082 x 1,153	
	OUTDOOR UNIT	mm	(949 x 939 x 1,116) x 2	(946 x 939 x 1,116) x 2	(1,041 x 939 x 1,116) x 2	(946 x 939 x 1,116) x 3	946 x 939 x 1,116	(946 x 939 x 1,116) x 2
UNIT WEIGHT	INDOOR UNIT	kg	208	278	298	298	352	
	OUTDOOR UNIT		164 x 2	169 x 2	227 x 2	164 x 3	164	169 x 2
COPPER PIPE SIZE	LIQUID	mm/in	15.88 / 5/8	15.88 / 5/8	15.88 / 5/8	15.88 / 5/8	15.88 / 5/8	
	GAS	mm/in	28.58 / 1 1/8	34.93 / 1 3/8	34.93 / 1 1/8	28.58 / 1 1/8	28.58 / 1 1/8	34.93 / 1 3/8

MODEL	INDOOR UNIT OUTDOOR UNIT		FBDH400B4Y1X RV100BY1C x 4	FBDH500B4Y1X RV125BY1C x 4
NOMINAL COOLING CAPACITY	Btu/hr		400,000	500,000
	W		117,233	146,542
NOMINAL TOTAL INPUT POWER	W		39,773	51,734
NOMINAL RUNNING CURRENT- 1ø [3ø]	A		[77.40]	[89.70]
EER	Btu/hr / W		10.06	9.66
POWER SOURCE	V/Ph/Hz		380-415 / 3 / 50	
REFRIGERANT TYPE/ CONTROL			R22 / INDOOR TXV	
INDOOR AIR FLOW	l/s / CFM		5,664 / 12,000	7,080 / 15,000
INDOOR FAN ESP	Pa (in.wg)		310 (1.24)	380 (1.53)
SOUND PRESSURE LEVEL (MEASURED IN SOUND ROOM)	dBA		64	65
UNIT DIMENSION - HxWxD	INDOOR UNIT	mm	1,585 x 2,212 x 1,438	
	OUTDOOR UNIT	mm	(946 x 939 x 1,116) x 4	(946 x 939 x 1,116) x 4
UNIT WEIGHT	INDOOR UNIT	kg	364	386
	OUTDOOR UNIT	kg	164 x 4	169 x 4
COPPER PIPE SIZE	LIQUID	mm/in	15.88 / 5/8	15.88 / 5/8
	GAS	mm/in	28.58 / 1 1/8	34.93 / 1 3/8

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4) SOUND PRESSURE LEVELS ARE MEASURED IN SOUND ROOM.
5) THE CURRENT MEASURED AT SITE MAY VARY FROM THE SPECIFICATIONS STATED.
6) FOR DIFFERENT INDOOR/ OUTDOOR AIR THROW, KINDLY REFER TO OUR NETWORK DEVELOPMENT EXECUTIVES/ REPRESENTATIVES.

GA GROUP ASSOCIATED (C&L) SDN BHD (109719-M)

Head Office: Tel: 03-7718 8388

Email: sales_enquiry@daikinmalaysia.com.my, customer_service@daikinmalaysia.com.my

Branches:

- Penang Tel: 04-331 1670
- Pahang Tel: 09-567 6778
- Melaka Tel: 06-288 1133
- Sarawak Tel: 082-333 299
- Kedah Tel: 04-7330235
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- Kelantan Tel: 09-7474678

Authorized dealer: