

High Static Ducted Split



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.

Product Features



● 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	
	INDOOR UNIT	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		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			
	INDOOR UNIT	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 - 1Ø [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					
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 / ½		15.88 / 5/8		15.88 / 5/8		34.93 / 1 3/8			
	GAS	mm/in	25.4 / 1		28.58 / 1 1/8		28.58 / 1 1/8		34.93 / 1 3/8			

MODEL	INDOOR UNIT		FBV200B2Y1C		FBV250B2Y1C		FBV300B2Y1C		FBV300B3Y1C		FBV350B3Y1C	
	INDOOR UNIT	OUTDOOR UNIT	RV100BY1C x 2	RV125BY1C x 2	RV150CY1X x 2	RV150CY1X x 2	RV100BY1C x 3	RV125BY1C x 2	RV100BY1C	RV125BY1C x 2		
TOTAL COOLING CAPACITY	Btu/h		200,000	250,000	300,000	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	kg	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						15.88 / 5/8		34.93 / 1 3/8	
	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	
	INDOOR UNIT	OUTDOOR UNIT	RV100BY1C x 4	RV150CY1X x 3	RV125BY1C x 4	RV150CY1X x 4	RV150CY1X x 4	RV150CY1X 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						15.88 / 5/8		34.93 / 1 3/8	
	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	

1) DUE TO OUR POLICY OF INNOVATION, ALL SPECIFICATIONS ARE SUBJECT 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 ANECHOIC CHAMBER. DURING ACTUAL OPERATION, SOUND PRESSURE LEVEL WILL HIGHER AS A RESULT OF ROOM SPECIFICATION CONDITION.

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	1,180/2500	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	105	109	194	201
	OUTDOOR UNIT		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	FBDH350B3Y1X 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
UNIT WEIGHT	INDOOR UNIT	kg	243	371	371	371	472
	OUTDOOR UNIT		164 x 2	169 x 2	227 x 2	164 x 3	164
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

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
UNIT WEIGHT	INDOOR UNIT	kg	547
	OUTDOOR UNIT		164 x 4
COPPER PIPE SIZE	LIQUID	mm/in	15.88 / 5/8
	GAS	mm/in	28.58 / 1 1/8

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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 ANECHOIC CHAMBER. DURING ACTUAL OPERATION, SOUND PRESSURE LEVEL WILL HIGHER AS A RESULT OF ROOM SPECIFICATION CONDITION.
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