

The best air anywhere.

HEATING AND COOLING SOLUTIONS

LITE SYSTEMS

* **25**.5. * @ Shr.8# 2hr

COOL DRY HEAT FANONLY

TEM

ΦFAN

CECONO LL SWING

PCLSAU1019

Featuring a contoured matte white flat panel design, whisper quiet operations and an easy to use controller.



WALL MOUNTED

LITE

SPLIT SYSTEM



R32 REFRIGERANT

R32 is the next generation in refrigerants with 66% lower 'Global Warming Potential Factor' than R410A, providing less risk of harm to the environment.

MODELS



WHISPER QUIET

Daikin's Lite Series is not just compact in size but also quiet in operations, featuring an Indoor Unit Quiet mode that reduces the indoor unit operational noise level down to 19dBA* to maintain room acoustics.



COMPACT SIZE

Utilising a range of new technologies including R32 as a refrigerant, a redesigned indoor heat exchanger with Ø5mm piping and a new large rotor cross-flow indoor fan has resulted in a more compact design for both the indoor and outdoor machines.



ECONOMICAL COMFORT

The Lite Series features up to 4.5 Star Rating energy performance (2.5kW model) in both cooling and heating operations.

* 2<u>5</u>5

8 m

AUTO OFF 0001 DRY HEAT FRINCING

ON LOFF

REVERSE

CYCLE OR COOLING

ONLY



LIFESTYLE CONVENIENCE

Features a simplified backlit wireless remote controller with precision temperature set point adjustment in 0.5°C increments and a built-in count up-down ON/OFF timer for convenient set and forget operations.



COANDA AIRFLOW

Discharge louvres are specially designed to stream air upwards along the ceiling for longer throws and delivering rapid cooling and even temperature distribution in the occupied space.

TECHNOLOGY

NEW CROSS FLOW FAN

Large diameter rotor with aerofoil blade design delivers larger volumes of air more quietly than ever before

REDESIGNED HEAT EXCHANGER

Slit type fin design with Ø5mm piping increases heat exchange area for improved capacity output and energy performance

NEW ODM MOTOR

Compact 10 pole DC outer rotor motor delivers higher torque more efficiently

V-CUT WING FAN

With a larger diameter fan and a new V-Cut fan blade design, air volume is increased by up to 18% whilst turbulence is reduced across the surface of the fan for a quiet, more efficient operation

TWIST GRILLE

Grille fins are angled to match the airflow path from the outdoor unit's fan, reducing airflow resistance for quieter operations.

DESIGN EVOLUTION

Incorporating the latest cutting-edge technologies, the Lite Series features a compact modern design, delivering air conditioned comfort more quietly than ever before.



(OPTIONAL)

WIRED CONTROLLER COMFORT AT YOUR FINGERTIPS

Daikin's wired controller provides ultimate control of your indoor unit to suit your lifestyle needs. Featuring an intuitive interface for easy operation and a clean minimalistic design, it is able to blend seamlessly into your home's decor.

FEATURES

- 1. Clear, backlit display with easy-to-read text
- 2. Weekly schedule timer with maximum 5 actions per day
- 3. Holiday function select the days for which the schedule will be disabled
- 4. Set temperature limit, to predefine a temperature range for cooling or heating cycle, helping you reduce your energy consumption
- 5. Off Timer, programmable in 10 minute increments from 30 minutes to 180 minutes



CONTROLLER MODEL NO: BRC073A4

i. Additional wiring adaptor required for compatibility with BRC073A4 (25-50 Class: BRP067A42 & 60-71 Class: BRP980B42)

ii. Wireless LAN Adaptor (Mobile Controller, BRP072C42) CANNOT be used in conjunction with BRC073A4

MOBILE CONTR()LL

WI-FI CONTROL FOR YOUR DAIKIN WALL MOUNTED SPLIT

Mobile Controller puts your air conditioner's frequently used functions at your fingertips with an easy to use app. In conjunction with Daikin's BRP072C42 wireless LAN adaptor, the easy to use Mobile Controller app lets you use your smartphone or tablet to operate your Daikin wall mounted air conditioning unit via Wi-Fi or the internet.

FEATURES

- 1. Start/stop operation
- 2. Set operation mode: Auto/Cool/Heat/Fan/Dry
- 3. Set temperature operation
- 4. Show room temperature
- 5. Show outdoor temperature
- 6. Error notification
- 7. Set weekly schedule



The Mobile Controller app is available for download, free from the Apple App Store or Google Play.

Note:

i. Additional wiring adaptor required for compatibility with BRP072C42 (25-50 Class: BRP067A42 & 60-71 Class: BRP980B42)

ii. Mobile Controller CANNOT be used in conjunction with BRC073A4 (Wired Controller)



 (\mathbf{O})

C

ADAPTOR MODEL NO: BRP072C42

3.11

If you're after air conditioning for two separate rooms, Daikin Multi Lite is the smart choice. It takes only one outdoor unit to maintain comfort in both rooms.



7.0kW CAPACITY RANGE

MODEL

MULTI LITE

2-PORT MULTI SPLIT SYSTEM



R32 REFRIGERANT

R32 is the next generation in refrigerants with 66% lower 'Global Warming Potential Factor' than R410A, providing less risk of harm to the environment.

LITE SERIES INDOORS

Indoor unit design is based on the Lite Series split system, harnessing all features and specifications and available in 20, 25, 35 and 50 Class models.



ENERGY EFFICIENT

With simultaneous operation of both indoor units, Multi Lite is still able to achieve EERs of up to 3.72 & COPs of up to 4.67 (25 & 50 Class indoor unit combination).



CONNECTABILITY

Up to two wall mounted indoor units can be connected to Multi Lite with a maximum combination of 25 + 50 Class.



INDIVIDUAL COMFORT

Each indoor unit can be individually controlled, scheduled and set to the desired room temperature ensuring optimal comfort for all occupants in the household at anytime.*



OPTIONAL WI-FI CONTROL

Each indoor unit can be fitted with Daikin's optional Mobile Controller (BRP072C42) allowing you to control your system from anywhere, anytime.

CAPACITY BOOST FEATURE



If only one indoor unit is in operation, a boost in capacity (50 Class: up to 7%) will automatically be concentrated into the operating indoor unit allowing for rapid cooling/heating of the zone.

INDOOR COMBINATIONS

	INDOOR UNIT Combination (Class)	COOLING				HEATING			
OUTDOOR UNIT		EACH CAPACITY (KW)		TOTAL CAPACITY (KW)	EER	EACH CAPACITY (KW)		TOTAL CAPACITY (KW)	COP
		ROOM A	ROOM B	RATED (MIN-MAX)	CCN	ROOM A	ROOM B	RATED (MIN-MAX)	COP
	20	2.00	-	2.00 (1.40-3.48)	4.35	2.40	-	2.40 (1.30-3.59)	3.93
	25	2.50	-	2.50 (1.40-3.48)	4.24	3.00	-	3.00 (1.30-3.59)	3.95
	35	3.50	-	3.50 (1.50-4.59)	3.85	3.70	-	3.70 (1.30-4.45)	4.20
	50	5.00	-	5.00 (1.50-5.91)	3.85	5.20	-	5.20 (1.30-6.06)	4.37
	20+20	2.00	2.00	4.00 (1.60-5.30)	4.49	2.10	2.10	4.20 (1.50-5.25)	4.62
2MXF70TVMA	20+25	2.00	2.50	4.50 (1.60-6.00)	4.21	2.09	2.61	4.70 (1.50-6.18)	4.52
ZIVIAF7UTVIVIA	20+35	2.00	3.50	5.50 (1.60-6.47)	3.72	2.05	3.60	5.65 (1.50-6.71)	4.59
	20+50	2.00	5.00	7.00 (1.60-7.50)	3.72	2.00	5.00	7.00 (1.50-8.00)	4.67
	25+25	2.50	2.50	5.00 (1.60-6.00)	3.97	2.60	2.60	5.20 (1.50-6.18)	4.37
	25+35	2.50	3.50	6.00 (1.60-6.91)	3.53	2.54	3.56	6.10 (1.50-7.16)	4.45
	25+50	2.33	4.67	7.00 (1.60-7.50)	3.72	2.33	4.67	7.00 (1.50-8.00)	4.67
	35+35	3.50	3.50	7.00 (1.60-7.27)	3.50	3.50	3.50	7.00 (1.50-8.00)	4.49

PRODUCT SPECIFICATION

Lite Series - Reverse Cycle



INDOOR UNIT		FTXF20TVMA	FTXF25TVMA	FTXF35TVMA	FTXF46TVMA	FTXF50TVMA	FTXF60TVMA	FTXF71TVMA	
OUTDOOR UNIT		RXF20TVMA	RXF25TVMA	RXF35TVMA	RXF46TVMA	RXF50TVMA	RXF60TVMA	RXF71TVMA	
	Cool (kW)	2.0	2.5	3.5	4.6	5.0	6.0	7.1	
Rated Capacity	Heat (kW)	2.5	3.0	3.7	4.7	5.2	6.5	8.0	
Caraalta Darra	Cool (kW)	0.9-2.3	0.9-2.8	0.9-3.7	1.5-5.0	1.5-5.5	1.6-6.5	2.0-7.5	
Capacity Range	Heat (kW)	0.9-2.7	0.9-3.2	0.9-4.0	1.0-5.4	1.0-6.0	1.0-6.7	2.0-8.0	
Indeer Airfley Pate (LI)	Cool (I/s)	152	160	173	200	210	313	350	
Indoor Airflow Rate (H)	Heat (I/s)	160	168	188	203	213	333	350	
Indoor Fan Speeds				5 ste	eps, quiet and autor	natic			
Francis Label/Otan Dations	Cool	3	4.5	3	2.5	2	2	2	
Energy Label/Star Ratings	Heat	3.5	4.5	4	2.5	2.5	2.5	2.5	
Front Panel Colour					Pearl Pure White				
Power Supply		1 phase, 220-240V, 50Hz							
	Cool (kW)	0.51	0.53	0.91	1.28	1.44	1.71	2.14	
Power Input (Rated)	Heat (kW)	0.59	0.63	0.86	1.25	1.44	1.73	2.12	
E.E.R/C.O.P	Cool/Heat	3.92/4.24	4.72/4.76	3.85/4.30	3.59/3.76	3.47/3.61	3.51/3.76	3.32/3.77	
A.E.E.R/A.C.O.P	Cool/Heat	3.87/4.19	4.66/4.71	3.82/4.27	3.58/3.74	3.46/3.59	3.49/3.74	3.31/3.68	
	Indoor (mm)	285x770x223 295x990x263						90x263	
Dimensions (HxWxD)	Outdoor (mm)		550x675x284			595x845x300		695x930x350	
	Indoor (kg)	9	9	9	9	9	12	13	
Weight	Outdoor (kg)	27	28	28	41	41	41	54	
Compressor Type			Hermetically Sealed Swing Type						
Refrigerant Type					R32				
Max Pipe Length	(m)	20	20	20	30	30	30	30	
Max Level Difference	(m)	15	15	15	20	20	20	20	
21. 21	Liquid (mm)	6.4	6.4	6.4	6.4	6.4	6.4	6.4	
Pipe Sizes	Gas (mm)	9.5	9.5	9.5	12.7	12.7	12.7	12.7	
	Cool (°CDB)	-10 to 46							
Outdoor Operating Range	Heat (°CWB)	-15 to 18							
	Cool (dBA)	39/19	40/19	42/19	44/28	45/28	46/29	49/30	
Indoor Sound Level (H/SL)	Heat (dBA)	39/20	40/20	42/20	44/28	45/28	46/29	49/30	
	Cool (dBA)	47/43	47/43	48/44	47/44	47/44	49/46	53/47	
Outdoor Sound Level (H/SL)	Heat (dBA)	48/44	48/44	49/45	50/46	50/46	51/47	54/49	
Outdoor EPA Sound Power	Cool (dBA)	59	59	60	59	59	61	65	
UUUUUUI EFA JUUIIU EUWEI	0001 (001 ()								

Lite Series Notes (Page 8, 9): i. The Rated Capacity, Power Input and Running Current are determined under conditions T1 (cooling) or H1 (heating) of AS/NZS 3823.1.1 Cooling: Indoor temp: 27°CDB/19°CWB, Outdoor temp: 35°CDB/24°CWB

Heating: Indoor temp: 20°CDB/15°CWB, Outdoor temp: 7°CDB/6°CWB ii. Indoor and outdoor unit sound levels are determined in an anechoic chamber at a distance of 1 metre from the front of the unit.

They are normally higher during actual operation due to ambient conditions.

PRODUCT SPECIFICATION

Lite Series - Cooling Only





INDOOR UNIT		FTKF20TVMA	FTKF25TVMA	FTKF35TVMA	FTKF46TVMA	FTKF50TVMA	FTKF60TVMA	FTKF71TVMA		
OUTDOOR UNIT		RKF20TVMA	RKF25TVMA	RKF35TVMA	RKF46TVMA	RKF50TVMA	RKF60TVMA	RKF71TVMA		
Rated Capacity	Cool (kW)	2.0	2.5	3.5	4.6	5.0	6.0	7.1		
Capacity Range	Cool (kW)	0.9-2.8	1.0-3.2	1.3-4.1	1.6-5.2	1.6-5.8	1.6-6.7	1.6-7.5		
Indoor Airflow Rate (H)	Cool (I/s)	152	160	173	198	212	315	330		
Indoor Fan Speeds				5 ste	eps, quiet and auton	natic				
Energy Label/Star Ratings	Cool	3.5	2.5	3	2	2	2	2		
Front Panel Colour					Pure White					
Power Supply		1 phase, 220-240V, 50Hz								
Power Input (Rated)	Cool (kW)	0.49	0.67	0.91	1.31	1.53	1.74	2.12		
E.E.R	Cool/Heat	4.08	3.73	3.85	3.51	3.27	3.45	3.35		
A.E.E.R	Cool/Heat	4.03	3.69	3.82	3.49	3.25	3.43	3.33		
	Indoor (mm)	285x770x223 295x990x263								
Dimensions (HxWxD)	Outdoor (mm)	550x675x284			595x845x300					
M/aiabt	Indoor (kg)	9	9	9	9	9	13	13		
Weight	Outdoor (kg)	26	26	28	40	40	36	40		
Compressor Type		Hermetically Sealed Swing Type								
Refrigerant Type					R32					
Max Pipe Length	(m)	20	20	20	30	30	30	30		
Max Level Difference	(m)	15	15	15	20	20	20	20		
Dine Sizee	Liquid (mm)	6.4	6.4	6.4	6.4	6.4	6.4	6.4		
Pipe Sizes	Gas (mm)	9.5	9.5	9.5	12.7	12.7	12.7	15.9		
Outdoor Operating Range	Cool (°CDB)	-10 to 46								
Indoor Sound Level (H/SL)	Cool (dBA)	39/19	40/19	42/19	44/28	46/28	46/29	49/30		
Outdoor Sound Level (H/SL)	Cool (dBA)	47/43	47/43	48/44	47/44	47/44	49/46	51/46		
Outdoor EPA Sound Power Level (H)	Cool (dBA)	59	59	60	59	59	61	63		

PRODUCT SPECIFICATION

Multi Lite - Reverse Cycle



INDOOR UNIT		CTXF20TVMA	CTXF25TVMA	CTXF35TVMA	CTXF50TVMA		
Power Supply		1 Phase, 220-240V, 50Hz					
Capacity	Cool/Heat (kW)	2.0	2.5	3.5	5.0		
Front Panel Colour			Pure	White			
A:	Cool (I/s)	11	67	177	312		
Airflow Rate (H)	Heat (I/s)	1	93	200	327		
	Cool (dBA)	40/27/19		42/28/19	45/35/28		
Sound Level (H/L/SL)	Heat (dBA)	40/28/20		42/29/20	45/33/28		
Cound Dower Lovel (U)	Cool (dBA)	54		56	59		
Sound Power Level (H)	Heat (dBA)	54		56	59		
Fan Speed		5 steps, quiet and automatic					
Dimensions (HxWxD)	(mm)	285x770x223			295x990x263		
Machine Weight	(kg)	9			12		
	Liquid (mm)	6.4 (Fl		Flared)			
Piping Connections	Gas (mm)		9.5 (Flared)		12.7 (Flared)		
	Drain (mm)						



OUTDOOR UNIT		2MXF70TVMA			
Power Supply		1 Phase, 220-240V, 50Hz			
	Cool (kW)	7.0			
Rated Capacity	Heat (kW)	7.0			
Max Connectable Indoor Units		2			
Max Connected Indoor Unit Capacity	(kW)	7.5			
Casing Colour		Ivory White			
Compressor Type		Hermetically Sealed Swing Type			
Refrigerant Type		R32			
	Cool (dBA)	51/46			
Sound Level (Rated/Quiet)	Heat (dBA)	53/46			
Sound Power Level (H)	Cool (dBA)	63			
Souriu i ower Lever (II)	Heat (dBA)	65			
Dimensions (HxWxD)	(mm)	595x845x300			
Weight	(kg)	47			
Operation Range	Cool (°CDB)	10 to 46			
Operation nange	Heat (°CWB)	-15 to 18			
May Dining Longth	Total (m)	30			
Max Piping Length	Per Room (m)	25			
Additional Charge	(g/m)	20 (for 20m or more)			
Max Installation Height Difference	(m)	15 (between indoor and outdoor units) / 7.5 (between indoor units)			

FEATURES CHECKLIST

	WALL MOUNTED UNIT				
	LITE SERIES	MULTI LITE			
	FTX(K)F20TVMA FTX(K)F25TVMA FTX(K)F35TVMA FTX(K)F46TVMA FTX(K)F60TVMA FTX(K)F60TVMA FTX(K)F01TVMA	CTXF20TVMA CTXF25TVMA CTXF35TVMA CTXF50TVMA			
DC Inverter		√			
PAM Control	\checkmark	✓			
Standby Power Function	\checkmark	\checkmark			
Power-Airflow Flaps	√1	√1			
Power-Airflow Dual Flaps	√2	$\sqrt{2}$			
Vertical Auto-Swing (up and down)	\checkmark	✓			
Horizontal Auto-Swing (right and left)					
3-D Airflow					
Comfortable Airflow	\checkmark	\checkmark			
Indoor Unit Quiet Operation	\checkmark				
Outdoor Unit Quiet Operation	\checkmark	\checkmark			
Intelligent Eye					
2-Area Intelligent Eye					
Automatic Operation	√3	$\sqrt{3}$			
Program Dry Function	\checkmark	· · · · · · · · · · · · · · · · · · ·			
Auto Fan Speed	√ 	· · · · · · · · · · · · · · · · · · ·			
Hot Start	√3	$\sqrt{3}$			
Titanium Apatite Deodorising Filter	√4	√4			
Air-Purifying Filter	\checkmark	· · · · · · · · · · · · · · · · · · ·			
Flash Streamer Technology					
Econo Mode	\checkmark	\checkmark			
Radiant Mode	· · · · · ·	¥.			
Powerful Operation	\checkmark	\checkmark			
LCD Wireless Remote Control	✓ ✓	✓ ✓			
Indoor Unit On/Off Switch	✓ ✓	* ✓			
24-Hour On/Off Timer	· · · · · ·	¥.			
Countdown On/Off Timer	\checkmark	\checkmark			
Quick Heating Timer	·	v			
Weekly Timer					
Night Set Mode	\checkmark	\checkmark			
Auto-Restart after Power Failure	✓ ✓	v √			
	✓ ✓	✓ ✓			
Self Diagnosis with Digital Display Anticorrosion Treatment of Outdoor Heat Exchanger Fin	√ √	✓			
Demand Enabled Response (DRED)	√4				
Wireless LAN Connection	$\sqrt{5}$	$\sqrt{5}$			
0.5°C Step Room Temperature Control	\checkmark	\checkmark			

Only available for FTX(K)F20-50TVMA & CTXF20-35TVMA 1

Only available for FTX(K)F60-71TVMA & CTXF50TVMA Only available for Reverse Cycle Models Optional Accessory

2 3 4

Optional Accessory, Remote Control PCB also required BRP067A42 for FTX(K)F20-50TVMA & CTXF20-35TVMA BRP980B42 for FTX(K)F60-71TVMA & CTXF50TVMA 5

Multi Lite Notes (Page 10): i. The Rated Capacity, Power Input and Running Current are determined under conditions T1 (cooling) or H1 (heating) of AS/NZS 3823.1.4 Cooling: Indoor temp: 27°CDB/19°CWB, Outdoor temp: 35°CDB/24°CWB Heating: Indoor temp: 20°CDB/15°CWB, Outdoor temp: 7°CDB/6°CWB

Indoor and outdoor unit sound levels are determined in an anechoic chamber at a distance of 1 metre from the front of the unit. ii. They are normally higher during actual operation due to ambient conditions.

ASSUMPTIONS

Residential Air Conditioning Manufacturing Div (ISO 9001) JOA-0486 May 2, 1994 (Shiga Plant)

Commercial Air Conditioning and Refrigeration Manufacturing Div (ISO 9001) JMI0107 December 28, 1992 (Kanaoka Factory and Rinkai Factory at Sakai Plant)

Daikin Australia Pty Limited (ISO 9001) OEC 23256 May 12, 2006 Sydney, Brisbane, Adelaide, Melbourne, Newcastle, Townsville, Perth

Industrial System and Chiller Products Manufacturing Div (ISO 9001) JQA-0495 May 16, 1994 (Yodogawa Plant and Kanaoka Factory and Kishiwada Factory)



Daikin Australia Pty Limited (ISO 14001) CEM 20437 October 27, 2006 Sydney, Brisbane, Adelaide, Melbourne, Perth



CONTACT:



Daikin Australia Pty Limited ABN 62 000 172 967 For Sales enquiries, email sales@daikin.com.au For Customer Service or Techical Support, call 1300 362 438



Visit commercial.daikin.com.au

