

# SPECIFICATIONS

## CEILING MOUNTED CASSETTE TYPE (Cooling only)

		18	21	26	30	36	42	48	
Model Name	Indoor unit	FHC18NUV1	FHC21NUV1	FHC26NUV1	FHC30NUV1	FHC36NUV1	FHC42NUV1	FHC48NUV1	
	Outdoor unit	R18NUY1	R21NUY1	R26NUY1	R30NUY1	R36NUY1	R42NUY1	R48NUY1	
Power supply		V1: 1 Phase, 220–240 V, 50 Hz			Y1: 3 Phase, 380–415 V, 50 Hz				
Cooling capacity <sup>1a/1b</sup>	Btu/h	18,100/18,000	21,200/21,000	26,300/26,000	30,400/30,000	36,500/36,000	42,700/42,000	49,100/48,000	
	kW	5.3/5.3	6.2/6.2	7.7/7.6	8.9/8.8	10.7/10.6	12.5/12.3	14.1/14.1	
	kcal/h	4,580/4,560	5,340/5,290	6,630/6,550	7,670/7,570	9,200/9,100	10,800/10,600	12,400/12,100	
Power consumption <sup>1a/1b</sup>	kW	2.03/2.02	2.46/2.45	3.07/3.07	3.45/3.45	4.04/4.04	4.79/4.79	5.49/5.49	
Indoor unit	Colour	White							
	Air flow rate (H)	m <sup>3</sup> /min	15	19	19	28	33	33	33
		cfm	529	670	670	988	1,164	1,164	1,164
	Sound level (H/L) (220V) <sup>2</sup>	dB(A)	33/29	35/30	35/30	39/34	42/36	42/36	42/36
	Dimensions (HxWxD)	Unit	mm	230x840x840	230x840x840	230x840x840	288x840x840	288x840x840	288x840x840
		Decoration panel	mm	40x950x950	40x950x950	40x950x950	40x950x950	40x950x950	40x950x950
	Machine weight	Unit	kg	24	24	24	28	28	28
Decoration panel		kg	5	5	5	5	5	5	
Operation range	°CWB	14 to 28							
Outdoor unit	Colour	Ivory white			Ivory				
	Compressor Type	Hermetically sealed rotary type				Hermetically sealed scroll type			
	Motor output	kW	1.7	2.2	2.5	2.5	3.0	3.75	4.50
	Refrigerant charge (R22)	kg	1.20 (Charged for 10m)	1.50 (Charged for 10m)	2.3 (Charged for 10m)	2.3 (Charged for 10m)	2.0 (Charged for 15m)	2.4 (Charged for 15m)	2.6 (Charged for 15m)
	Sound level <sup>2</sup>	dB(A)	49	54	57	57	55	57	59
	Dimensions (HxWxD)	mm	540x750x270	685x800x300	770x900x320	770x900x320	1,170x900x320	1,170x900x320	1,345x900x320
	Machine weight	kg	42	61	69	69	69	87	92
	Operation range	°CDB	21 to 46						
Piping connections	Liquid (Flare)	mm	ø6.4	ø6.4	ø9.5	ø9.5	ø9.5	ø9.5	ø9.5
	Gas (Flare)	mm	ø15.9	ø15.9	ø15.9	ø15.9	ø19.1	ø19.1	ø19.1
	Drain	Indoor unit	mm	LDø25xO.Dø32	LDø25xO.Dø32	LDø25xO.Dø32	LDø25xO.Dø32	LDø25xO.Dø32	LDø25xO.Dø32
Outdoor unit		mm	ø18.0 (Hole)	ø18.0 (Hole)	ø26.0 (Hole)	ø26.0 (Hole)	ø26.0 (Hole)	ø26.0 (Hole)	
Max. interunit piping length	m	30 (equivalent length 50m)							
Max. installation level difference	m	15			20				
Heat insulation	Both liquid and gas piping								

Notes: • \*1: Nominal cooling capacities are based on the following conditions:

(1) Return air temp.: 27°CDB, 19.5°CWB, Outdoor temperature: 35°CDB Equiv. ref. piping: 5m (Horizontal) (2) Return air temp.: 27°CDB, 19.0°CWB, Outdoor temp.: 35°CDB Equiv. ref. piping: 5m (Horizontal)

• \*2: Anechoic chamber conversion value, measured under JIS conditions. During actual operation, these values are normally somewhat higher as a result of ambient conditions.

• Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.

• In case of drain piping for outdoor unit, drain piping kit (option) is needed.