

SPECIFICATIONS

- CEILING MOUNTED CASSETTE TYPE

			35	50	60	71	100	125	140	
Model Name	Indoor unit		FHC35	FHC50	FHC60	FHYC71	FHYC100	FHYC125	FHYC140	
	Outdoor unit		R35	R50	R60	R71	R100	R125	R140	
Power supply			1 Phase, 220–240 V, 50 Hz			3 Phase, 380–415 V, 50 Hz				
Cooling capacity ^{1a/1b}		kW	3.54/3.5	5.34/5.3	6.44/6.4	7.8/7.7	10.6/10.5	13.0/12.8	14.5/14.2	
		Btu/h	12,100/11,900	18,200/18,100	22,000/21,800	26,600/26,200	36,100/35,700	44,500/43,600	49,400/48,400	
		kcal/h	3,040/3,010	4,590/4,560	5,540/5,500	6,700/6,600	9,100/9,000	11,200/11,000	12,500/12,200	
Power consumption ^{1a/1b}		kW	1,20/1,20	2,02/2,01	2,45/2,44	3.05/3.05	3,96/3,96	4,96/4,96	5,02/5,02	
Indoor unit	Colour	Unit	—							
		Decoration panel	White							
	Air flow rate (H)		m³/min	14	15	19	19	28	33	35
			cfm	494	529	670	670	988	1,164	1,235
	Sound level (H/L) ²		dBA	33/29	33/29	35/30	35/30	39/34	42/36	44/37
	Dimensions (H×W×D)	Unit	mm	230×840×840	230×840×840	230×840×840	230×840×840	288×840×840	288×840×840	288×840×840
		Decoration panel	mm	40×950×950	40×950×950	40×950×950	40×950×950	40×950×950	40×950×950	40×950×950
	Machine weight	Unit	kg	24	24	24	24	28	28	28
		Decoration panel	kg	5	5	5	5	5	5	5
Operation range		°CWB	14 to 23			14 to 25				
Outdoor unit	Colour		Ivory white							
	Compressor	Type	Hermetically sealed rotary type			Hermetically sealed scroll type				
	Refrigerant charge (R22)		kg	1,10 (Charged for 10 m)	1,20 (Charged for 10 m)	1,50 (Charged for 5 m)	2,8 (Charged for 30 m)	3,7 (Charged for 30 m)	3,7 (Charged for 30 m)	4,1 (Charged for 30 m)
	Sound level ²		dBA	48	49	54	48	49	49	54
	Dimensions (H×W×D)		mm	540×750×270	540×750×270	685×800×300	770×900×320	1,170×900×320	1,170×900×320	1,345×900×320
	Machine weight		kg	37	42	61	71	84	98	109
	Operation range		°CDB	19.4 to 46	19.4 to 54	19.4 to 46	21 to 46			
Piping connections	Liquid (Flare)		mm	ø6.4	ø6.4	ø6.4	ø9.5	ø9.5	ø9.5	ø9.5
	Gas (Flare)		mm	ø12.7	ø15,9	ø15,9	ø15,9	ø19,1	ø19,1	ø19,1
	Drain	Indoor unit	mm	I.Dø25×O.Dø32	I.Dø25×O.Dø32	I.Dø25×O.Dø32	I.Dø25×O.Dø32	I.Dø25×O.Dø32	I.Dø25×O.Dø32	I.Dø25×O.Dø32
		Outdoor unit	mm	ø18.0 (Hole)	ø18.0 (Hole)	ø18.0 (Hole)	ø26.0 (Hole)	ø26.0 (Hole)	ø26.0 (Hole)	ø26.0 (Hole)
Max. interunit piping length		m	25	30		50 (equivalent length 70 m)				
Max. installation level difference		m	15			30				
Heat insulation			Both liquid and gas piping							