

Ceiling Convertible / Exposed Series

R410A & R22



Economical & Space Saving Solution



Installation Flexibility for All Interior Décor

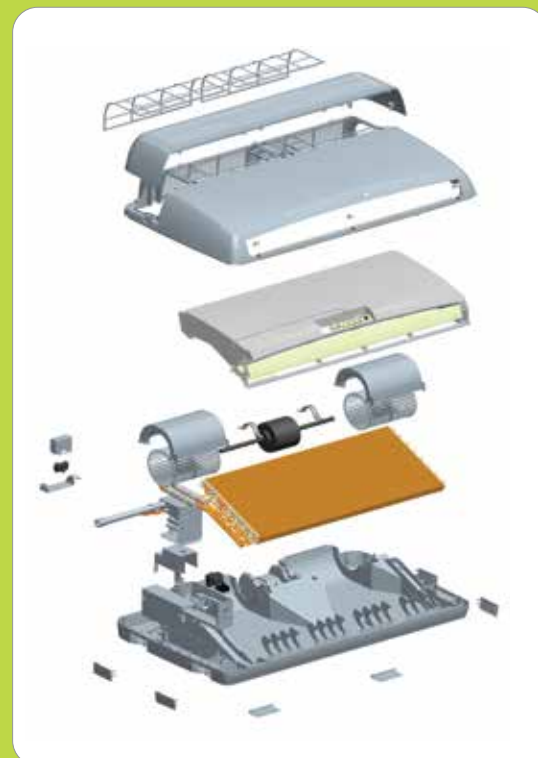
Uniquely designed with the option to install either below the ceiling or mounted at a low wall position to suit any interior design requirement.



*Wall bracket is supplied as optional item.

Service and Maintenance at Ease

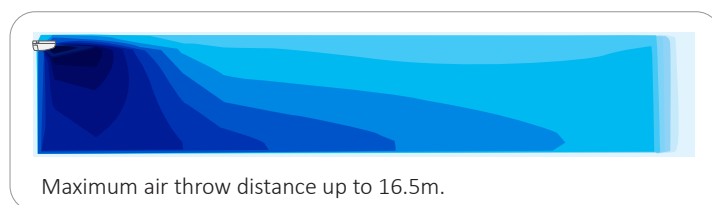
Easy access to filter by just pulling down the intake grille. During servicing or repairing, only the bottom panel is needed to be removed in order to access to fan motor, control box and piping.



Flat Surface, Easy Clean

It is easy to wipe dirt off the flat panel surface of the unit.

Far Air Throw



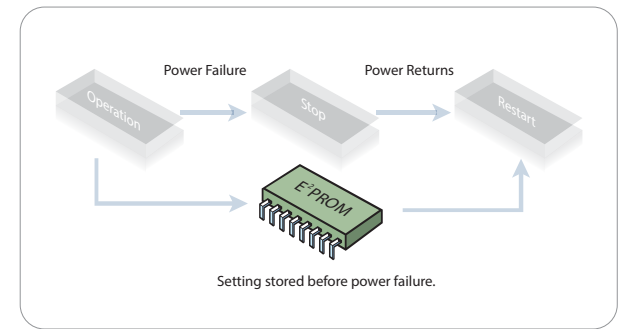
Maximum air throw distance up to 16.5m.

Automatic Air Swing

The motorized louver enables the air flow to be evenly distributed. At the same time, negative ion will be released to provide quality air.

Auto Random Restart with Last-State-Memory

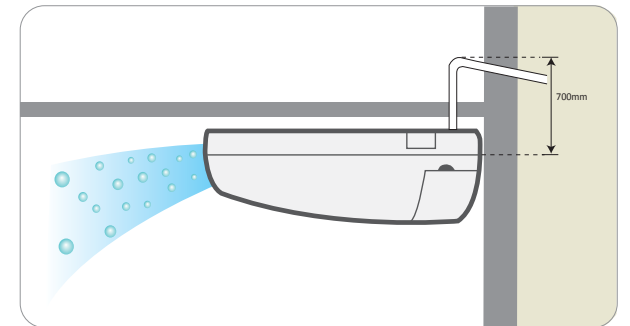
In the event of a sudden power failure during operation, unit restarts automatically in 64 different recovery timing patterns (within 180 seconds to 244 seconds) and the unit will operate based on the previous setting (operating mode, temperature setting and fan speed). This ensures that air conditioners in the same building resume randomly instead of all units resuming at the same time, preventing power surge after a blackout.



Options

High Head Drain Pump

The unit is designed to work with high pressure head drain pump, which offers flexibility for installation on condensate drain pipe. A safety float is incorporated in the drain pump as safety protection.



Fresh Air Intake

Allows intake of 20% fresh air to improve room ventilation.



Ceiling Covertible E Series (50Hz)



- › Ceiling and floor installation option
- › Automatic air swing
- › Flexible installation
- › Auto random restart with last-state-memory
- › Better serviceability
- › Wireless handset BRC52A62 (C/O) is supplied as standard



Specification for Ceiling Convertible & Ceiling Exposed - Cooling only (R22)

Indoor Model Name			FL15EXV1	FL20EXV1	FL25EXV1	FL28EXV1	FL28EXV1
Outdoor Model Name			R15CXV1	R20CXV1	R25CXV1	R28CXV1	R30DXV1
Nominal Cooling Capacity	Btu/h		12000	19000	24000	28000	28000
	W		3520	5570	7030	8210	8210
Nominal EER	W/W		2.73	2.99	2.73	2.94	3.02
Indoor	Power Supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
	Air Flow	CFM	508/386/350	520/460/406	580/530/490	640/560/460	640/560/460
	Sound Pressure Level	dBA	48/43/41	48/46/43	50/47/46	56/51/44	56/51/44
	Height	mm	218	218	218	218	218
	Width	mm	1080	1080	1080	1080	1080
	Depth	mm	630	630	630	630	630
	Net Weight	kg	26	27	27	28	28
Outdoor	Power Supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
	Sound Pressure Level	dBA	49	51	52	58	58
	Height	mm	540	651	753	753	852
	Width	mm	700	855	855	855	1030
	Depth	mm	250	328	328	328	400
	Net Weight	kg	28	47	57	57	95
	Pipe Connection- Liquid	mm	6.35	6.35	9.52	9.52	9.52
	Pipe Connection- Gas	mm	12.70	15.88	15.88	15.88	15.88
	Piping Length	m	12	15	15	15	45
	Piping Elevation	m	5	8	8	8	25

Indoor Model Name			FL35EXV1	FL40EXV1	FL40EXV1	FL50EXV1	FH62CXV1
Outdoor Model Name			R35DXV1	R40DXV1	R40DXY1	R50DXY1	R61DXY1
Nominal Cooling Capacity	Btu/h		33500	37000	38000	47500	56000
	W		9800	10800	11140	13900	16410
Nominal EER	W/W		3.32	2.85	2.93	2.76	2.93
Indoor	Power Supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
	Air Flow	CFM	840/753/669	1100/983/877	1100/983/877	1215/1082/959	1550/1320/1000
	Sound Pressure Level	dBA	48/47/44	52/47/46	52/47/46	52/50/49	56/53/46
	Height	mm	260	260	260	260	285
	Width	mm	1320	1538	1538	1786	1903
	Depth	mm	634	634	634	634	680
Outdoor	Net Weight	kg	38	45	45	58	85
	Power Supply	V/Ph/Hz	220-240/1/50	220-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50
	Sound Pressure Level	dBA	58	58	58	58	61
	Height	mm	852	852	852	852	852
	Width	mm	1030	1030	1030	1030	1030
	Depth	mm	400	400	400	400	400
	Net Weight	kg	95	100	100	105	108
	Pipe Connection- Liquid	mm	9.52	9.52	9.52	9.52	12.70
	Pipe Connection- Gas	mm	19.05	19.05	19.05	19.05	19.05
	Piping Length	m	12	15	15	15	45
	Piping Elevation	m	5	8	8	8	25

Ceiling Covertible E Series (50Hz)



- › Ceiling and floor installation option
- › Automatic air swing
- › Flexible installation
- › Auto random restart with last-state-memory
- › Better serviceability
- › Wireless handset BRC52A61 (H/P) is supplied as standard



Specification for Ceiling Convertible & Ceiling Exposed - Cooling & Heating (R22)

Indoor Model Name			FLY15EXV1	FLY20EXV1	FLY25EXV1	FLY28EXV1	FLY28EXV1
Outdoor Model Name			RY15CXV1	RY20CXV1	RY25CXV1	RY28CXV1	RY30DXV1
Nominal Cooling Capacity	Btu/h		12000	19000	24000	28000	28000
	W		3520	5570	7030	8210	8210
Nominal Heating Capacity	Btu/h		12000	19500	25000	28500	28500
	W		3520	5720	7330	8350	8350
Nominal EER	W/W		2.73	2.99	2.73	2.94	3.02
Nominal COP	W/W		3.52	3.16	2.94	3.54	2.86
Indoor	Power Supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
	Air Flow	CFM	508/386/350	520/460/406	580/530/490	640/560/460	640/560/460
	Sound Pressure Level	dBA	48/43/41	48/46/43	50/47/46	56/51/44	56/51/44
	Height	mm	218	218	218	218	218
	Width	mm	1080	1080	1080	1080	1080
	Depth	mm	630	630	630	630	630
	Net Weight	kg	26	27	27	28	28
Outdoor	Power Supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
	Sound Pressure Level	dBA	49	51	52	58	58
	Height	mm	540	651	753	753	852
	Width	mm	700	855	855	855	1030
	Depth	mm	250	328	328	328	400
	Net Weight	kg	30	47	57	57	95
	Pipe Connection- Liquid	mm	6.35	6.35	9.52	9.52	9.52
	Pipe Connection- Gas	mm	12.70	15.88	15.88	15.88	15.88
	Piping Length	m	12	15	15	15	45
	Piping Elevation	m	5	8	8	8	25

Indoor Model Name			FLY35EXV1	FLY40EXV1	FLY40EXV1	FLY50EXV1	FHY62CXV1
Outdoor Model Name			RY35DXV1	RY40DXV1	RY40DXY1	RY50DXY1	RY61DXY1
Nominal Cooling Capacity	Btu/h		33500	37500	38000	46000	56000
	W		9800	11000	11100	13500	16410
Nominal Heating Capacity	Btu/h		38000	43000	42000	52000	56000
	W		11100	12600	12300	15200	16410
Nominal EER	W/W		3.32	3.05	3.23	2.84	2.93
Nominal COP	W/W		3.20	3.60	3.28	3.67	3.61
Indoor	Power Supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
	Air Flow	CFM	840/753/669	1100/983/877	1100/983/877	1215/1082/959	1550/1320/1000
	Sound Pressure Level	dBA	48/47/44	52/47/46	52/47/46	52/50/49	56/53/46
	Height	mm	260	260	260	260	285
	Width	mm	1320	1538	1538	1786	1903
	Depth	mm	634	634	634	634	680
Outdoor	Net Weight	kg	38	45	45	58	85
	Power Supply	V/Ph/Hz	220-240/1/50	220-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50
	Sound Pressure Level	dBA	58	58	58	58	61
	Height	mm	852	852	852	852	852
	Width	mm	1030	1030	1030	1030	1030
	Depth	mm	400	400	400	400	400
	Net Weight	kg	95	100	100	105	108
	Pipe Connection- Liquid	mm	9.52	9.52	9.52	9.52	12.70
	Pipe Connection- Gas	mm	19.05	19.05	19.05	19.05	19.05
	Piping Length	m	35	45	45	45	45
	Piping Elevation	m	10	25	25	25	25

Ceiling Covertible E Series (50Hz)



FLRN35/50/60/71EXV1 FLRN90/100/125EXV1 FHRN140CXV1

- › Ceiling and floor installation option
- › Automatic air swing
- › Flexible installation
- › Auto random restart with last-state-memory
- › Better serviceability
- › Wireless handset BRC52A62 (C/O) is supplied as standard



Specification for Ceiling Convertible & Ceiling Exposed - Cooling only (R410A)								
Indoor Model Name		FLRN35EXV1	FLRN50EXV1	FLRN50EXV1	FLRN60EXV1	FLRN60EXV1	FLRN71EXV1	
Outdoor Model Name		RN35CXV1	RN50CXV1	RN50CXY1	RN60CXV1	RN60CXY1	RR71CXV1	
Nominal Cooling Capacity	Btu/h	12900	17500	18100	20000	22860	27000	
	W	3780	5130	5300	5860	6700	7900	
Nominal EER	W/W	2.95	2.98	3.02	2.97	3.00	2.87	
Indoor	Power Supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	
	Air Flow	CFM	508/386/350	520/460/406	520/460/406	580/530/490	640/560/460	
	Sound Pressure Level	dBA	48/43/41	48/46/43	48/46/43	50/47/46	56/51/44	
	Height	mm	218	218	218	218	218	
	Width	mm	1080	1080	1080	1080	1080	
	Depth	mm	630	630	630	630	630	
	Net Weight	kg	24	24	24	24	24	
Outdoor	Power Supply	V/Ph/Hz	220-240/1/50	220-240/1/50	380-415/3/50	220-240/1/50	380-415/3/50	220-240/1/50
	Sound Pressure Level	dBA	49	52	52	52	52	58
	Height	mm	540	651	651	753	753	753
	Width	mm	700	855	855	855	855	855
	Depth	mm	250	328	328	328	328	328
	Net Weight	kg	30	47	47	50	50	57
	Pipe connection - Liquid	mm	6.35	6.35	6.35	6.35	6.35	9.52
	Pipe connection - Gas	mm	12.70	12.70	12.70	15.88	15.88	15.88
	Piping Length	m	12	15	15	15	15	15
	Piping Elevation	m	5	8	8	8	8	8

Indoor Model Name		FLRN71EXV1	FLRN90EXV1	FLRN90EXV1	FLRN100EXV1	FLRN100EXV1	FLRN125EXV1*	FHRN140CXV1	
Outdoor Model Name		RR71CXY1	RR90DXV1	RR90DXV1	RR100DXV1	RR100DXV1	RR125DXV1*	RR140DXV1	
Nominal Cooling Capacity	Btu/h	26000	31000	31000	38000	39000	45000	55000	
	W	7620	9000	9000	11100	11400	13190	16119	
Nominal EER	W/W	2.81	3.16	3.33	2.76	2.89	2.92	2.51	
Indoor	Power Supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	
	Air Flow	CFM	640/560/460	840/753/669	840/753/669	1100/983/877	1100/983/877	1215/1082/959	1550/1320/1000
	Sound Pressure Level	dBA	56/51/44	48/47/44	48/47/44	52/47/46	52/47/46	52/50/49	56/53/46
	Height	mm	218	260	260	260	260	260	285
	Width	mm	1080	1320	1320	1538	1538	1786	1903
	Depth	mm	630	634	634	634	634	634	680
	Net Weight	kg	24	38	38	45	45	58	70
Outdoor	Power Supply	V/Ph/Hz	380-415/3/50	220-240/1/50	380-415/3/50	220-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50
	Sound Pressure Level	dBA	58	58	58	58	58	60	65
	Height	mm	753	852	852	852	852	852	852
	Width	mm	855	1030	1030	1030	1030	1030	1030
	Depth	mm	328	400	400	400	400	400	400
	Net Weight	kg	57	86	86	95	95	98	105
	Pipe connection - Liquid	mm	9.52	9.52	9.52	9.52	9.52	9.52	9.52
	Pipe connection - Gas	mm	15.88	15.88	15.88	15.88	15.88	15.88	19.05
	Piping Length	m	15	45	45	45	45	45	35
	Piping Elevation	m	8	25	25	25	25	25	15

Ceiling Covertible E Series (50Hz)



FLQN35/50/60/71EXV1 FLQN90/100/125EXV1 FHQN140CXV1

- › Ceiling and floor installation option
- › Automatic air swing
- › Flexible installation
- › Auto random restart with last-state-memory
- › Better serviceability
- › Wireless handset BRC52A61 (H/P) is supplied as standard



Specification for Ceiling Convertible & Ceiling Exposed - Cooling & Heating (R410A)								
Indoor Model Name		FLQN35EXV1	FLQN50EXV1	FLQN50EXV1	FLQN60EXV1	FLQN60EXV1	FLQN71EXV1	
Outdoor Model Name		RYN35CXV1	RYN50CXV1	RYN50CXY1	RYN60CXV1	RYN60CXY1	RQ71CXV1	
Nominal Cooling Capacity	Btu/h	12900	17500	18100	20000	22860	27000	
	W	3780	5130	5300	5860	6700	7900	
Nominal Heating Capacity	Btu/h	11800	18500	18770	22000	23200	27500	
	W	3460	5420	5500	6450	6800	8050	
Nominal EER	W/W	2.95	2.98	3.02	2.97	3.00	2.87	
Nominal COP	W/W	3.06	3.63	3.60	3.22	3.20	3.28	
Indoor	Power Supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	
	Air Flow	CFM	508/386/350	520/460/406	520/460/406	580/530/490	640/560/460	
	Sound Pressure Level	dBA	48/43/41	48/46/43	48/46/43	50/47/46	56/51/44	
	Height	mm	218	218	218	218	218	
	Width	mm	1080	1080	1080	1080	1080	
	Depth	mm	630	630	630	630	630	
	Net Weight	kg	24	24	24	24	24	
Outdoor	Power Supply	V/Ph/Hz	220-240/1/50	220-240/1/50	380-415/3/50	220-240/1/50	380-415/3/50	220-240/1/50
	Sound Pressure Level	dBA	49	52	52	52	52	58
	Height	mm	540	651	651	753	753	753
	Width	mm	700	855	855	855	855	855
	Depth	mm	250	328	328	328	328	328
	Net Weight	kg	30	47	47	50	50	57
	Pipe connection - Liquid	mm	6.35	6.35	6.35	6.35	6.35	9.52
	Pipe connection - Gas	mm	12.70	12.70	12.70	15.88	15.88	15.88
	Piping Length	m	12	15	15	15	15	15
	Piping Elevation	m	5	8	8	8	8	8

Indoor Model Name		FLQN71EXV1	FLQN90EXV1	FLQN90EXV1	FLQN100EXV1	FLQN100EXV1	FLQN125EXV1	FHQN140CXV1	
Outdoor Model Name		RQ71CXY1	RQ90DXV1	RQ90DXV1	RQ100DXV1	RQ100DXV1	RQ125DXV1	RQ140DXV1	
Nominal Cooling Capacity	Btu/h	26000	31000	31000	38000	38900	45000	55000	
	W	7620	9000	9000	11100	11400	13190	16119	
Nominal Heating Capacity	Btu/h	26500	32000	33900	40000	42000	48000	55000	
	W	7770	9360	9900	11700	12200	14070	16119	
Nominal EER	W/W	2.81	3.16	3.33	2.76	2.89	2.92	2.51	
Nominal COP	W/W	3.27	3.32	3.60	3.16	3.37	3.35	2.54	
Indoor	Power Supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	
	Air Flow	CFM	640/560/460	840/753/669	840/753/669	1100/983/877	1100/983/877	1215/1082/959	1550/1320/1000
	Sound Pressure Level	dBA	56/51/44	48/47/44	48/47/44	52/47/46	52/47/46	52/50/49	56/53/46
	Height	mm	218	260	260	260	260	260	285
	Width	mm	1080	1320	1320	1538	1538	1786	1903
	Depth	mm	630	634	634	634	634	634	680
	Net Weight	kg	24	38	38	45	45	58	70
Outdoor	Power Supply	V/Ph/Hz	380-415/3/50	220-240/1/50	380-415/3/50	220-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50
	Sound Pressure Level	dBA	58	58	58	58	58	60	65
	Height	mm	753	852	852	852	852	852	852
	Width	mm	855	1030	1030	1030	1030	1030	1030
	Depth	mm	328	400	400	400	400	400	400
	Net Weight	kg	57	86	86	95	95	98	105
	Pipe connection - Liquid	mm	9.52	9.52	9.52	9.52	9.52	9.52	9.52
	Pipe connection - Gas	mm	15.88	15.88	15.88	15.88	15.88	15.88	19.05
	Piping Length	m	15	45	45	45	45	45	35
Piping Elevation	m	8	25	25	25	25	25	15	

Standard Features

COMFORT	FIN TYPE
 Turbo Mode- Rapid cooling/heating with highest fan speed for immediate comfort	 Bare Aluminium Fin
 Quiet Mode- Effective cooling with lower noise level	 Anti Corrosion Hydrophilic Gold Fin
 Dry Mode- Keeping the room dehumidified, while maintaining room temperature	The outdoor models in the catalog comes with bare / blue fin condenser. For gold fin outdoor models, specification remains the same with the below model name change : eg : RYN25CXV1 to RYN25CGXV1 “G” comes after the series name of the outdoor.
 Auto Mode- Auto switching between cooling and heating mode depending on room and set temperature	
 Sleep Mode	
AIR FLOW	CONTROLLER
 Selectable Fan Speed- Different fan speed is available for comfort selection	 With Wireless Remote Controller
 Belt Driven Evaporator Motor	 With Wired Remote Controller
 Variable Pitch Pulley Drive Package	
 Automatic Vertical Swing- Automatic movement of air discharge louver for uniform air distribution	
 Manual Horizontal Air Flow- Adjustable horizontal discharge grille for desired air flow direction	
 4 Way Air Discharge	
IAQ	POWER SUPPLY
 Washable Saranet Filter- Removal of airborne dust particles through saranet filter ensures cleaner air supply	 Power from Indoor
 Titanium Apatite Photocatalytic Air-Purifying Filter	 Power from Outdoor
 Bio Antibody Filter	
 Ionizer	