

Round Flow Cassette Technical Specification

Model			Indoor unit	RFC105IDU	RFC140IDU
			Outdoor unit	LCAC105ODU3F	LCAC140ODU3F
Nominal performance data	Capacity	Cooling	Btu/h (nor)	36000	48000
			kW nor (min-max)	9.2(2.5-10.0)	13.4(3.5-14.0)
		Heating	Btu/h (nor)	35800	51200
			kW nor (min-max)	10.5(3.0-11)	15.0(4.0-15.5)
	Rated power input	Cooling	kW nom (min-max)	3.25(0.5-4.0)	5.28(1.0-6.5)
		Heating	kW nom (min-max)	3.1(0.5-4.0)	5.70(1.0-6.5)
EER/COP			3/3.5	2.54/2.63	
Seasonal performance data	Cooling P design(35°C)		kW	9.2	13.4
	Heating P design(-10°C)		kW	6	8.5
	SEER/SCOP			5.9/3.91	5.62/3.96
	Energy class (Cooling/Heating)			A+/A	A+/A
	Annual energy consumption(Cooling)		kW	555	834
	Annual energy consumption(Heating)		kW	2136	3003
Indoor Unit					
Electrical Parameters	Power supply		Ph/V/Hz	1/220~240/50/60	1/220~240/50/60
	Air flow(H/M/L/Q)		m3/h	1680/1530/1320/1190	1950/1600/1440/1200
Performance	Sound power level(H)		dB(A)	63	64
	Sound pressure level(H/M/L/Q)		dB(A)	45/42/38/34	47/44/38/34
	External dimensions(W/D/H)		mm	840/840/246	840/840/288
Installation	Shipping dimensions(W/D/H)		mm	990/990/330	990/990/380
	Net/Shipping weight		kg	31/36	32/38
	Controller		optional	YR-HQS01	YR-HQS01
			optional	WC17	WC17
	Panel Model			DP950KB(standard panel)	DP950KB(standard panel)
Panel	External dimensions(W/D/H)		mm	950/950/50	950/950/50
	Shipping dimensions(W/D/H)		mm	1013/1025/123	1013/1025/123
	Net/Shipping weight		kg	6.5/9.5	6.5/9.5

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Outdoor Unit						
Electrical Parameters	Power supply		Ph/V/Hz	3/380~415/50/60	3 /380-415/ 50/60	
	Air flow (H)		m3/h	3500	4200	
Performance	Sound power level (H)		dB(A)	68	72	
	Sound pressure level (H)		dB(A)	54	58	
	E/ternal dimensions(W/D/H)		mm	920/372/765	950/370/965	
Installation	Shipping dimensions(W/D/H)		mm	1085/485/830	1050/485/1130	
	Net/Shipping weight		kg	61/66	85/90	
	Compressor type			Twin rotary	Twin rotary	
	Refrigerant type			R32	R32	
	GWP			675	675	
	Refrigerant liquid pipe		mm	9.52	9.52	
	Refrigerant gas pipe		mm	15.88	15.88	
	Max pipe length		m	50	70	
	Max drop between I.U.&O.U		m	30	30	
	refrigerant load in factory		kg	1.7	2.3	
	Maximum pipe length without charge refrigerant		m	30	30	
	refrigerant charge quantity for extra length		g/m	45	45	
	Working temp.	Cooling(Min-Max)		°C	-20~46	-20~46
		Heating(Min-Max)		°C	-20~24	-20~24