

			Indoor unit Air guard Series	CAB140IDU3FSF	CAB160IDUUVCS	
			Outdoor unit	LCAC140ODU3F	LCAC160ODU3FDF	
Nominal performance data	Capacity	Cooling	Btu/h (nor)	45700	51200	
			kW nom(min-max)	13.4(3.5 ~ 14.0)	15(4.5-16)	
	Rated power input	Heating	Btu/h (nor)	51200	54600	
			kW nom(min-max)	15.0(4.0 ~ 15.5)	16 (5-17)	
		Cooling	kW nom(min-max)	5.40 (1.0 ~ 6.5)	6 (1.8-6.4)	
		Heating	kW nom(min-max)	5.43 (1.0 ~ 6.5)	6.4 (1.6-5.48)	
EER/COP			2.48/2.76	2.5/3.1		
Seasonal performance data	Cooling P design(35℃)		kW	13.4	15.00	
	Heating P design(-10℃)		kW	8.5	11.00	
	SEER/SCOP			5.66/3.95	5.6/4	
	Energy class (Cooling/Heating)			A+/A	A+/A+	
	Annual energy consumption(Cooling)		kW	829	880	
	Annual energy consumption(Heating)		kW	3012	3859	
Seasonnal Coefficient of Performance Warmer climate	Pdesignh_W (2℃)		kW	4.64	6.0	
	SCOP_W			4.8	4.84	
	Energy class _W			A++	A++	
	Annual energy consumption_W		kW	1355	1734	
Indoor Unit						
Electrical Parameters	Power supply		Ph/V/Hz	1/220 ~ 240/50/60	1/220 ~ 240/50/60	
Performance	Air flow (H/M/L)		m3/h	1850/1500/1350	1850/1500/1350	
	External static pressure		Pa	/	/	
	Sound power level (H)		dB(A)	65	67	
	Sound pressure level(H/M/L)		dB(A)	52/49/46	52/49/46	
Installation	External dimensions(W/D/H)		mm	600/350/1850	600/350/1850	
	Shipping dimensions(W/D/H)		mm	693/438/2035	693/438/2035	
	Net/Shipping weight		kg	50/61	50/61	
	Controller		optional	WRC01	WRC01	
Outdoor Unit						
Electrical Parameters	Power supply		Ph/V/Hz	3 /380-415/ 50/60	3/380 ~ 415/50/60	
Performance	Air flow (H)		m3/h	4200	7400	
	Sound power level (H)		dB(A)	72	74	
	Sound pressure level (H)		dB(A)	58	58	
Installation	External dimensions(W/D/H)		mm	950/370/965	950/370/1350	
	Shipping dimensions(W/D/H)		mm	1050/485/1130	1050/485/1500	
	Net/Shipping weight		kg	85/90	101/116	
	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	19.05	
	Max pipe length		m	70	70	
	Max drop between I.U.&O.U		m	30	30	
	refrigerant load in factory		kg	2.3	3.5	
	Maximum pipe length without charge refrige		m	30	30	
	refrigerant charge quantity for extra length		g/m	45	60	
	Working temp.	Cooling(Min-Max)		℃	-20 ~ 46	-20 ~ 46
		Heating(Min-Max)		℃	-20 ~ 24	-20 ~ 24