

Model		Indoor unit (drain pump included)		DMP105IDU3F	DMP105IDU3F	DMP125IDU3F	DMP140IDU3F
		Outdoor unit		LCAC105ODU2F	LCAC105ODU1F	LCAC125ODU3F	LCAC140ODU3F
Nominal performance data	Capacity	Cooling	Btu/h (nominal)	36000	36000	42000	48000
			kW nominal (min-max)	9.5(2.5-10.0)	9.5(2.5-10.0)	12.4(3.0-13.0)	13.4(3.5-14.0)
		Heating	Btu/h (nominal)	34800	35800	43680	51200
			kW nominal(min-max)	10.2(3.0-10.5)	10.5(3.0-11)	12.8(3.5-13.5)	15.0(4.0-15.5)
	Rated power input	Cooling	kW nom(min-max)	3.16(0.5-4.0)	3.27(0.5-4.0)	4.51(1.0-6.0)	5.18(1.0-6.5)
		Heating	kW nom(min-max)	2.91(0.5-4.0)	3.0(0.5-4.0)	3.87(1.0-6.0)	4.79(1.0-6.5)
EER/COP			3.01/3.5	2.9/3.5	2.75/3.31	2.59/3.13	
Seasonal performance data	Cooling P design(35°C)		kW	9.5	9.5	12.4	13.4
	Heating P design(-10°C)		kW	7.2	6	8	8.5
	SEER/SCOP			6.1/3.8	6.0/3.91	5.85/3.96	5.64/3.96
	Energy class(Cooling/Heating)			A++/A	A+/A	A+/A	A+/A
	Annual energy consumption(Cooling)		kW	544	569	718	832
	Annual energy consumption(Heating)		kW	2792	2094	3003	3003
Indoor Unit							
Electrical Parameters	Power supply		Ph/V/Hz	1/220~240/50/60	1/220~240/50/60	1/220~240/50/60	1/220~240/50/60
Performance	Air flow(H/M/L/Q)		m³/h	1600/1480/1360/1240	1600/1480/1360/1240	2250/1960/1680/1500	2500/2160/1780/1500
	External static pressure		Pa	25/37(default)/50/70/90/100/110/120/130/150	25/37(default)/50/70/90/100/110/120/130/150	25/37(default)/50/70/90/100/110/120/130/150	25/37(default)/50/70/90/100/110/120/130/150
	Sound power level(H)		dB(A)	61	64	65	66
	Sound pressure level(H/M/L/Q)		dB(A)	47/44/40/37	47/44/40/37	48/45/42/39	48/45/42/39
Installation	External dimensions (W/D/H)		mm	1500/700/248	1500/700/248	1500/700/248	1500/700/248
	Shipping dimensions (W/D/H)		mm	1711/870/325	1711/870/325	1711/870/325	1711/870/325
	Net/Shipping weight		kg	46/55	46/55	48/57	48/57
	Controller		optional	YR-E17A	YR-E17A	YR-E17A	YR-E17A
		optional	YR-HQS01	YR-HQS01	YR-HQS01+RE-02	YR-HQS01+RE-02	

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		Outdoor unit	LCAC105ODU2F	LCAC105ODU1F	LCAC125ODU3F	LCAC140ODU3F
Outdoor Unit						
Electrical Parameters	Power supply	Ph/V/Hz	1/220~240/50/60	3/380~415/50/60	3 /380-415/ 50/60	3 /380-415/ 50/60
	Performance	Air flow (H)	m3/h	3500	3500	4200
Sound power level (H)		dB(A)	66	68	72	72
Sound pressure level (H)		dB(A)	53	54	58	58
Installation	External dimensions(W/D/H)	mm	920/372/765	920/372/765	950/370/965	950/370/965
	Shipping dimensions(W/D/H)	mm	1036/478/820	1085/485/830	1050/485/1130	1050/485/1130
	Net/Shipping weight	kg	60/65	61/66	85/90	85/90
	Compressor type		Twin rotary	Twin rotary	Twin rotary	Twin rotary
	Refrigerant type		R32	R32	R32	R32
	GWP		675	675	675	675
	Refrigerant liquid pipe	mm	9.52	9.52	9.52	9.52
	Refrigerant gas pipe	mm	15.88	15.88	15.88	15.88
	Max pipe length	m	50	50	50	70
	Max drop between I.U.&O.U	m	30	30	30	30
	refrigerant load in factory	kg	1.7	1.7	2.3	2.3
	Maximum pipe length without charge refrigerant	m	30	30	30	30
refrigerant charge quantity for extra length	g/m	45	45	45	45	
Working temp.	Cooling(Min-Max)	°C	-20~46	-20~46	-20~46	-20~46
	Heating(Min-Max)	°C	-20~24	-20~24	-20~24	-20~24