

				CON25IDU	CON35IDU	CON42IDU	CON50IDU
Nominal performance data	Capacity	Cooling	Btu/h (nom)	8530	11600	14330	17060
			kW nom(min-max)	2.5(0.8-3.2)	3.4(1.0-4.0)	4.2 (1.4-4.5)	5.0 (1.8-5.2)
	Rated power input	Heating	Btu/h (nom)	9550	11950	16040	18420
			kW nom(min-max)	3.0(0.8-3.8)	3.5(1.0-4.5)	4.7 (1.4-5.0)	5.4 (1.8-5.6)
		Cooling	kW nom(min-max)	0.65(0.2-1.3)	0.94(0.3-1.5)	1.30(0.5-1.6)	1.59 (0.7-1.7)
		Heating	kW nom(min-max)	0.80(0.3-1.6)	0.94(0.5-1.6)	1.50 (0.6-1.9)	1.67 (0.7-2.1)
Seasonal performance data	EER/COP			3.8/3.73	3.6/3.73	3.23/3.11	3.23/3.24
	Cooling P design(35℃)		kW	2.5	3.4	4.2	5.0
	Heating P design(-10℃)		kW	2.4	2.9	3.2	3.4
	SEER/SCOP			8.0/4.2	7.5/4.2	7.0/4.0	6.3/4.05
	Energy class (Cooling/Heating)			A++/A+	A++/A+	A++/A+	A++/A+
	Annual energy consumption(Cooling)		kW	107	157	208	278
Seasonal Coefficient of Performance Warmer climate	Annual energy consumption(Heating)		kW	798	962	1115	1392
	Pdesignh_W (2℃)		kW	1.20	1.50	1.80	2.40
	SCOP_W			4.60	4.80	5.00	5.10
	Energy class _W			A++	A++	A++	A++
Annual energy consumption_W		kW	354	414	510	667	
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 (S/H/M/L/Q)		m3/h	450/400/350/300/250	500/450/400/350/300	580/530/480/430/380	600/550/500/450/400
	Sound power level (H)		dB(A)	52	55	58	61
Installation	Sound pressure level(H/M/L/Q)		dB(A)	40/32/25/20	42/34/26/21	46/37/33/28	50/42/37/32
	External dimensions(W/D/H)		mm	700/210/600	700/210/600	700/210/600	700/210/600
	Shipping dimensions(W/D/H)		mm	783/303/695	783/303/695	783/303/695	783/303/695
	Net/Shipping weight		kg	16.5/18.5	16.5/18.5	16.5/18.5	16.5/18.5
	Controller		optional	WRC01	WRC01	WRC01	WRC01
Outdoor Unit							
Electrical Parameters	Power supply		Ph/V/Hz	1/220-240/50	1/220-240/50	1/230/50	1/220-2240/50
Performance	Air flow (H)		m3/h	1900	2000	2100	3000
	Sound power level(H)		dB(A)	59	61	63	63
	Sound pressure level(H)		dB(A)	47	48	50	51
Installation	External dimensions(W/D/H)		mm	800/280/553	800/280/553	800/280/553	820/306/642
	Shipping dimensions(W/D/H)		mm	902/375/614	902/375/614	902/375/614	940/390/697
	Net/Shipping weight		kg	27.6/30.4	30/32.9	31.5/34	37.8/40.5
	Compressor type			Rotary	Rotary	Rotary	Rotary
	Refrigerant type			R32	R32	R32	R32
	GWP			675	675	675	675
	Refrigerant liquid pipe		mm	6.35	6.35	6.35	6.35
	Refrigerant gas pipe		mm	9.52	9.52	9.52	12.7
	Max pipe length		m	20	20	20	25
	Max drop between I.U.&O.U		m	10	10	10	15
	refrigerant load in factory		kg	0.63	0.78	0.94	1.1
	Maximum pipe length without charge refrigerant		m	7	7	7	7
	refrigerant charge quantity for extra length		g/m	20	20	20	20
Working temp.	Cooling(Min-Max)		℃	-20 ~ 43	-20 ~ 43	-20 ~ 43	-20 ~ 43
	Heating(Min-Max)		℃	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24