

			Indoor unit Air Guard Series (New Models)	AM71CDW-P	AM105CDW-P
			Outdoor unit	AM71OU-P	AM105OU-P
Nominal performance data	Capacity	Cooling	Btu/h (nominal)	24200	32400
			kW nom(min~max)	7.1(2.0~8.2)	9.5(2.5~10.0)
	Rated power input	Heating	Btu/h (nominal)	25600	35800
			kW nom(min~max)	7.6(2.5~8.5)	10.5(3.0~12.5)
		Cooling	kW nom(min~max)	2.10(0.50~3.00)	2.79(0.50~4.00)
	Heating	kW nom(min~max)	2.00(0.50~2.60)	2.8(0.50~4.00)	
EER/COP			/	3.28/3.80	3.40/3.75
Seasonal performance data	Cooling P design(35°C)		kW	7,1	9,5
	Heating P design(-10°C)		kW	5,0	7,2
	SEER/SCOP		/	6.21/4.20	6.20/4.05
	Energy class (Cooling/Heating)			A++/A+	A++/A+
	Annual energy consumption(Cooling)		kW	390	544
	Annual energy consumption(Heating)		kW	1800	2792
Seasonal Coefficient of Performance Warmer climate	Pdesignh_W (2°C)		kW	4,45	5,2
	SCOP_W			5,32	4,8
	Energy class_W			A++	A++
	Annual energy consumption_W		kW	1721	1587
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/Q)		m³/h	1400/1260/1050/880	1600/1480/1360/1240
	External static pressure		Pa	25(default)/37/50/70/90/100/110/120/130/150	25/37(default)/50/70/90/100/110/120/130/150
	Sound power level (H)		dB(A)	58	61
	Sound pressure level (H/M/L/Q)		dB(A)	44/41/39/36	47/44/40/37
Installation	External dimensions(W/D/H)		mm	1100/700/248	1100/700/248
	Shipping dimensions(W/D/H)		mm	1316/866/318	1316/866/318
	Net/Shipping weight		kg	31/35	38/42
	Controller		standard	HW-SA201ABK	HW-SA201ABK
Outdoor Unit					
Electrical Parameters	Power supply		Ph/V/Hz	1/220~240/50/60	1/220~240/50/60
Performance	Air flow (H)		m3/h	3000	3500
	Sound power level (H)		dB(A)	68	68
	Sound pressure level (H)		dB(A)	54	54
Installation	External dimensions(W/D/H)		mm	890/340/700	950*370*815
	Shipping dimensions(W/D/H)		mm	985/430/720	1085*465*850
	Net/Shipping weight		kg	37/42	56/60
	Compressor type		/	Twin rotary	Twin Rotary
	Refrigerant type		/	R32	R32
	GWP		/	675	675
	Refrigerant liquid pipe		mm	Ø9.52	Ø9.52
	Refrigerant gas pipe		mm	Ø15.88	Ø15.88
	Max pipe length		m	50	50
	Max drop between I.U.&O.U		m	30	30
	refrigerant load in factory		kg	1,30	1,70
Maximum pipe length without charge refrigera		m	10	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