

Water Cooled Air Conditioner (Table 1)													
Items			Type	HWD35(E) HWL35(E) HWM35(E)	HWD60(E) HWL60(E) HWM60(E)	HWD90(E) HWL90(E) HWM90(E)	HWD110(E) HWL110(E) HWM110(E)	HWD150(E) HWL150(E) HWM150(E)	HWD170(E) HWL170(E) HWM170(E)	HWD200(E) HWL200(E) HWM200(E)	HWD230(E) HWL230(E) HWM230(E)	HWD280(E) HWL280(E)	HWD340(E) HWL340(E)
Unit Performance	Cooling Capacity		BTU/h	33900	56500	90000	113000	136500	169400	202400	226000	282000	339000
			KW	9.9	16.6	26.5	33.1	40	49.7	59.6	66.2	82.3	99.4
	*Electric Heating Capacity		BTU/h	20500	30700	51200	61400	81900	81900	81900	122800	153500	184200
			KW	6	9	15	18	24	24	24	36	45	54
	Air Volume		m3/h	1700/1350	2700/2250	4100/3600	5400/4500	7100/6000	8500/7100	9700/8100	10800/9000	13800	16800
	External Static Pressure		Pa	80/0	100/0	120/0	120/0	180/0	220/0	220/0	220/0	240	260
	Noise Level		dB(A)	50/48	52/50	53/50	53/50	56/52	58/53	58/53	62/56	65	65
	Voltage			1N~220V/50HZ	3N~380V/50HZ								
Refrigerating System	Compressor	Type		Hermetic Scroll Compressor									
		Power	KW	2.25	3.75	3.75+2.25	3.75×2	4.5×2	3.75×3	4.5×3	3.75×4	4.5×4	9×2+3.75
	Condenser	Type		Shell and Tube									
		Water Flow	m3/h	2.3	3.5	5.5	6.8	8.8	11	13	14.6	17.1	20.5
		Water Pressure Lose	mH2O	2.3	2.5	2.8	2.8	2.8	2.9	2.9	2.9	2.9	3.0
		Connection Pipe	in/mm	1" /DN25	1 $\frac{1}{4}$ " /DN32	1 $\frac{1}{2}$ " /DN40	1 $\frac{1}{2}$ " /DN40	1 $\frac{1}{2}$ " /DN40	2" /DN50	2" /DN50	2" /DN50	2" /DN50	2 $\frac{1}{2}$ " /DN40
	Evaporator	Type		Fin with Tube									
		Fin type		Slotted-type Two-way Aluminum Fin									
	Refrigerant	Type		R22,R407C									
		Volume Control		Capillary Tube / Expansion Valve									
		Charge	kg	2.0	3.5	3.5+2.0	3.5×2	3.7×2	3.5×3	3.5×3	3.5×4	3.7×4	7.5×2+3.5
	Air Sending System	Fan	Type		Ultra-low-noise Centrifugal								
Drive Method				Direct- drive				Belt-drive					
Motor		Power	KW	0.28/0.2	0.55/0.28	0.55×2/0.28×2	0.55×2/0.28×2	1.5/1.1	2.2/1.5	3/2.2	3/2.2	4	4
* Electric Heater		Power	KW	6	9	15	18	24	24	24	26	45	54
Dimensions(L×W×H)		HWD Series	mm	1100×900×620	1200×1100×580	1600×1100×660	1850×1100×660	2350×1200×660	2450×1200×690	2450×1200×820	2450×1200×930	2400×1200×1080	2500×1500×1080
		HWLSeries	mm	800×500×1400	1050×500×1600	1250×600×1600	1450×600×1680	1450×800×1800	1650×800×1800	1900×800×1980	2000×800×1980	1880×1100×1900	1880×1100×1900
		HWM Series	mm	800×500×1600	1050×500×1800	1250×600×1800	1450×600×1850	1450×800×1950	1650×800×1950	1900×800×2150	2000×800×2150		
Weight			kg	200	220	250	330	380	500	556	620	660	720

- Notice: 1. The heating capacity in the table is the capacity with electric heater.
2. * means optional device
3. For model type, D indicates ceiling mounted duct type, L indicates floor standing duct type, M indicates free blowing type, E indicates electric heater.
4. The external static pressure of free blowing type is 0 pa, it has lower air flow, motor power and noise.

Floor Standing Duct Type Water Cooled Air Conditioner(3)

Parameters			Model	HWL400(E)	HWL450(E)	HWL510 (E)	HWL570(E)	HWL620(E)	HWL680(E)	HWL820(E)
Unit Perform ance	Cooling Capacity	BTU/h		396000	452000	509000	565000	622000	678000	815000
		KW		119.0	132.6	149.0	165.7	182.2	198.8	238.3
	*Electric Heating Capacity	BTU/h		204700	211200	266000	286600	327500	35800	40900
		KW		60	72	78	84	96	105	120
	Air Volume	m3/h		19200	21600	23500	26800	28600	32800	38000
	External Static Pressure	Pa		260	280	300	320	320	360	400
	Noise Level	dB(A)		67	68	69	70	72	72	73
	Voltage			3N~380V/50HZ						
Refriger ating System	Compressor	Type		Hermetic Scroll						
		Power	KW	9.0×3	9×3+3.75	9×3+7.5	9×4	9×4+4.5	9×5	9×6
	Condenser	Type		Shell and Tube						
		Water Flow	m3/h	21.6	24.4	26.2	28.0	36.5	40.0	42
		Water Pressure Lose	mH2O	3.8	4.6	5.1	5.4	5.6	6.2	6.3
		Connection Pipe	in/mm	2 ¹ / ₂ "/DN65	2×2" /DN50	2×2" /DN50	2×2" /DN50	2 ¹ / ₂ "/DN65+ 2"/DN50	2 ¹ / ₂ "/DN65+2"/DN50	2 × 2 ¹ / ₂ "/DN65
	Evaporator	Type		Fin with Tube						
		Fin type		Slotted-type Two-way Aluminum Fin						
	Refrigerant	Type		R22,R407C						
		Volume Control		Expansion Valve						
		Refrigerant Charge	kg	7.5×3	7.5×3+3.5	7.5×3+7	3.7×4	7.5×4+3.7	7.5×5	7.5×6
Air Sending System	Fan	Type		Low-noise Centrifugal						
		Drive Method		Belt-drive						
	Motor	Power	KW	5.5	5.5	7.5	7.5	11	11	15
* Electric Heater		Power	KW	60	72	78	84	96	105	120
Net dimensions		L×W×H	mm	2180×1100×1900	2180×1150×1900	2180×1150×1900	2350×1250×1900	2350×1350×2000	2350×1350×2000	2800×1450×2200
Weight			kg	800	910	1000	1080	1200	1260	1465

Notice: 1. The heating capacity in the table is the capacity with electric heater.
2. * means optional device
3. The parameters are based on R22.