

ACI Mechanical and HVAC Sales - Kinghome Ultrnixx Performance Data

**GUD36A/A-D(U)**

Heating

Outdoor Temperature		Indoor Temperature											
		60°F (15°C)				70°F (21°C)				80°F (27°C)			
°C	°F	Capacity	Power Input	COP		Capacity	Power Input	COP		Capacity	Power Input	COP	
-30°C	-22°F	18600	4060	4.50		18430	4150	4.44		18000	4190	4.29	
-26°C	-15°F	21300	4340	4.90		21100	4430	4.76		20600	4470	4.6	
-21°C	-5°F	25500	4530	5.62		25250	4630	5.45		24750	4670	5.29	
-15°C	5°F	30150	4860	6.20		29850	4960	6.01		29253	5010	5.83	
-8°C	17°F	36360	5440	6.68		36000	5550	6.49		35280	5600	6.3	
0°C	32°F	36360	4700	7.73		36000	4800	7.50		35280	4850	7.27	
8°C	47°F	36360	3200	11.36		36000	3270	11.01		35280	3300	10.69	
15°C	60°F	38580	3330	11.58		38200	3400	11.24		37400	3400	11	

Cooling

Outdoor Temperature		Indoor Temperature											
		60°F (15°C)				70°F (21°C)				80°F (27°C)			
°C	°F	Capacity	Power Input	EER	SHC	Capacity	Power Input	EER	SHC	Capacity	Power Input	EER	SHC
10°C	50°F	23400	2120	11.03	16510	30600	2510	12.19	21590	36000	2650	13.58	25400
18°C	65°F	24050	2080	11.56	16900	31450	2470	12.73	22100	37000	2600	14.23	26000
24°C	75°F	23400	2240	10.44	16614	30600	2710	11.29	21726	36000	2800	12.86	25560
30°C	85°F	23400	2400	9.75	16575	30600	2850	10.73	21675	36000	3000	12.00	25500
35°C	95°F	23400	2610	8.96	16380	30600	3100	9.87	21420	36000	3270	11.00	25200
41°C	105°F	23400	3680	6.35	16185	30600	4370	7	21165	36000	4600	7.82	24900
46°C	115°F	21450	3440	6.23	15730	28050	4080	6.87	20570	33000	4300	7.67	24200

**GUD24A/A-D(U)**

Heating

Outdoor Temperature		Indoor Temperature											
		60°F (15°C)				70°F (21°C)				80°F (27°C)			
°C	°F	Capacity	Power Input	COP		Capacity	Power Input	COP		Capacity	Power Input	COP	
-30°C	-22°F	18900	3840	4.92		18720	3920	4.77		18340	3960	4.63	
-26°C	-15°F	22220	3920	5.66		22000	4000	5.49		21560	4040	5.33	
-21°C	-5°F	24240	4110	5.89		24000	4200	5.71		23520	4240	5.55	
-15°C	5°F	24240	3280	7.39		24000	3350	7.16		23520	3380	6.95	
-8°C	17°F	24240	3360	7.21		24000	3430	6.99		23520	3460	6.79	
0°C	32°F	24240	2650	9.14		24000	2700	8.87		23520	2730	8.61	
8°C	47°F	24240	1880	12.89		24000	1920	12.50		23520	1940	12.12	
15°C	60°F	30300	2360	12.83		30000	2410	12.45		29400	2430	12.09	

Cooling

Outdoor Temperature		Indoor Temperature											
		60°F (15°C)				70°F (21°C)				80°F (27°C)			
°C	°F	Capacity	Power Input	EER	SHC	Capacity	Power Input	EER	SHC	Capacity	Power Input	EER	SHC
10°C	50°F	15600	1320	11.81	11970	20400	1560	13.07	15600	24000	1650	16.38	18420
18°C	65°F	15600	1504	10.37	12220	20400	1790	11.4	15980	24000	1880	13.65	18800
24°C	75°F	15600	1096	14.23	12190	20400	1300	15.69	15900	24000	1370	13.31	18760
30°C	85°F	15600	2040	7.64	10810	20400	2420	8.42	14140	24000	2550	12.97	16600
35°C	95°F	15600	2292	6.8	10780	20400	2720	7.49	14100	24000	2865	12.52	16500
41°C	105°F	15600	2560	6.09	10960	20400	3040	6.71	14340	24000	3200	9.55	16870
46°C	115°F	15600	2360	6.61	11990	20400	2800	7.28	15680	24000	2950	8.53	18450

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**GUD60A/A-D(U)**

Heating

Outdoor Temperature		Indoor Temperature											
		60°F (15°C)				70°F (21°C)				80°F (27°C)			
°C	°F	Capacity	Power Input	COP		Capacity	Power Input	COP		Capacity	Power Input	COP	
-30°C	-22°F	28380	6220	4.56		28100	6350	4.43		27540	6410	4.29	
-26°C	-15°F	31310	6370	4.92		31000	6500	4.77		30380	6560	4.63	
-21°C	-5°F	36360	6610	5.50		36000	6750	5.33		35280	6820	5.17	
-15°C	5°F	43730	6960	6.29		43300	7100	6.10		42430	7170	5.92	
-8°C	17°F	53330	6660	8.00		52800	6800	7.76		51740	6870	7.53	
0°C	32°F	54540	6470	8.43		54000	6600	8.18		52920	6660	7.94	
8°C	47°F	55550	4900	11.34		55000	5000	11.00		53900	5050	10.67	
15°C	60°F	60600	5190	11.67		60000	5300	11.32		58800	5350	10.98	

Cooling

Outdoor Temperature		Indoor Temperature											
		60°F (15°C)				70°F (21°C)				80°F (27°C)			
°C	°F	Capacity	Power Input	EER	SHC	Capacity	Power Input	EER	SHC	Capacity	Power Input	EER	SHC
10°C	50°F	32500	3040	10.69	23080	42500	3610	11.77	30170	50000	3800	13.15	35500
18°C	65°F	35100	3400	10.32	24920	45900	4030	11.36	32590	54000	4250	12.70	38340
24°C	75°F	35100	3520	9.97	24920	45900	4180	10.98	32590	54000	4400	12.27	38340
30°C	85°F	35100	3640	9.64	24920	45900	4320	10.61	32590	54000	4550	11.86	38340
35°C	95°F	35100	4040	8.68	24920	45900	4790	9.56	32590	54000	5050	10.69	38340
41°C	105°F	35100	5340	6.56	24920	45900	6340	7.23	32590	54000	6680	8.08	38340
46°C	115°F	29900	4560	6.55	21230	39100	5410	7.22	27760	46000	5700	8.07	32660

**GUD48A/A-D(U)**

Heating

Outdoor Temperature		Indoor Temperature											
		60°F (15°C)				70°F (21°C)				80°F (27°C)			
°C	°F	Capacity	Power Input	COP		Capacity	Power Input	COP		Capacity	Power Input	COP	
-30°C	-22°F	26660	5580	4.77		26400	5700	4.63		25870	5750	4.49	
-26°C	-15°F	28780	5780	4.97		28500	5900	4.83		27930	5960	4.68	
-21°C	-5°F	34540	6070	5.68		34200	6200	5.52		33510	6260	5.35	
-15°C	5°F	40900	6470	6.32		40500	6600	6.14		39690	6660	5.95	
-8°C	17°F	48480	5980	8.1		48000	6100	7.87		47040	6160	7.63	
0°C	32°F	48480	5680	8.52		48000	5800	8.28		47040	5860	8.03	
8°C	47°F	50500	4360	11.57		50000	4450	11.24		49000	4490	10.9	
15°C	60°F	52520	4560	11.52		52000	4650	11.18		50960	4690	10.8	

Cooling

Outdoor Temperature		Indoor Temperature											
		60°F (15°C)				70°F (21°C)				80°F (27°C)			
°C	°F	Capacity	Power Input	EER	SHC	Capacity	Power Input	EER	SHC	Capacity	Power Input	EER	SHC
10°C	50°F	29640	2720	10.89	21040	38760	3230	12	27520	45600	3400	13.41	32370
18°C	65°F	31200	3000	10.4	22150	40800	3560	11.45	28970	48000	3750	12.80	34080
24°C	75°F	31200	3080	10.12	22150	40800	3650	11.15	28970	48000	3850	12.47	34080
30°C	85°F	31200	3240	9.62	22150	40800	3850	10.6	28970	48000	4050	11.85	34080
35°C	95°F	31200	3480	8.96	22150	40800	4130	9.87	28970	48000	4350	11.03	34080
41°C	105°F	31200	4240	7.35	22150	40800	5030	8.1	28970	48000	5300	9.06	34080

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46°C	115°F	28270	3880	7.27	20070	36970	4610	8	26250	43500	4860	8.95	30880
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