



EXTENDED RATINGS

Outdoor Unit

GK-H02TC/NaA-T(U)

GK-H03TC/NaA-T(U)

GK-H04TC/NaA-T(U)

GK-H05TC/NaA-T(U)

Cooling Performance

GK-H02TC/NaA-T(U)

GK-H03TC/NaA-T(U)

GK-H04TC/NaA-T(U)

GK-H05TC/NaA-T(U)

Heating Performance

GK-H02TC/NaA-T(U)

GK-H03TC/NaA-T(U)

GK-H04TC/NaA-T(U)

GK-H05TC/NaA-T(U)

Thank you for choosing our product.
Please go through this Extended Ratings to design
your project and retain it for future reference.

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EXTENDED RATINGS

GK-H02TC/NaA-T(U)

COOLING PERFORMANCE			
Outdoor Ambient Temperature	Return Air Temperature		
	60°F (DB)	70°F (DB)	80°F (DB)
	TC (Btu/h)	TC (Btu/h)	TC (Btu/h)
DB			
50°F	18600	23300	26500
65°F	18600	23300	26500
75°F	18600	23300	26500
85°F	17700	22200	25200
95°F	16900	21100	24000
105°F	15200	19000	21600
115°F	14400	18100	20500

HEATING PERFORMANCE			
Outdoor Ambient Temperature	Return Air Temperature		
	60°F (DB)	70°F (DB)	80°F (DB)
	TC (Btu/h)	TC (Btu/h)	TC (Btu/h)
DB (HD)			
-22°F (70%)	19200	18800	18000
-15°F (70%)	20800	20400	19600
-5°F (70%)	22800	22300	21400
5°F (70%)	24500	24000	23000
17°F (70%)	24500	24000	23000
32°F (75%)	24500	24000	23000
47°F (80%)	24500	24000	23000
60°F (70%)	27200	26600	25600

LEGEND: DB - Dry Bulb
 HD - Humidity
 TC - Total Capacity

EXTENDED RATINGS

GK-H03TC/NaA-T(U)

COOLING PERFORMANCE			
Outdoor Ambient Temperature	Return Air Temperature		
	60°F (DB)	70°F (DB)	80°F (DB)
	TC (Btu/h)	TC (Btu/h)	TC (Btu/h)
DB			
50°F	27200	34000	38600
65°F	27200	34000	38600
75°F	27200	34000	38600
85°F	25900	32400	36800
95°F	24200	30300	34400
105°F	21800	27200	31000
115	20700	25900	29400

HEATING PERFORMANCE			
Outdoor Ambient Temperature	Return Air Temperature		
	60°F (DB)	70°F (DB)	80°F (DB)
	TC (Btu/h)	TC (Btu/h)	TC (Btu/h)
DB (HD)			
-22°F (70%)	19200	18800	18000
-15°F (70%)	22800	22300	21400
-5°F (70%)	26100	25600	24500
5°F (70%)	29400	28800	27600
17°F (70%)	33900	33200	31900
32°F (75%)	36700	36000	34600
47°F (80%)	36700	36000	34600
60°F (70%)	40800	40000	38400

LEGEND: DB - Dry Bulb
 HD - Humidity
 TC - Total Capacity

EXTENDED RATINGS

GK-H04TC/NaA-T(U)

COOLING PERFORMANCE			
Outdoor Ambient Temperature	Return Air Temperature		
	60°F (DB)	70°F (DB)	80°F (DB)
	TC (Btu/h)	TC (Btu/h)	TC (Btu/h)
DB			
50°F	35500	44400	50400
65°F	35500	44400	50400
75°F	35500	44400	50400
85°F	33800	42200	48000
95°F	33100	41400	47000
105°F	29800	37200	42300
115	28300	35400	40200

HEATING PERFORMANCE			
Outdoor Ambient Temperature	Return Air Temperature		
	60°F (DB)	70°F (DB)	80°F (DB)
	TC (Btu/h)	TC (Btu/h)	TC (Btu/h)
DB (HD)			
-22°F (70%)	34500	33800	32500
-15°F (70%)	37900	37100	35600
-5°F (70%)	42200	41400	39700
5°F (70%)	45900	45000	43200
17°F (70%)	47900	47000	45100
32°F (75%)	47900	47000	45100
47°F (80%)	47900	47000	45100
60°F (70%)	53200	52200	50100

LEGEND: DB - Dry Bulb
 HD - Humidity
 TC - Total Capacity

EXTENDED RATINGS

GK-H05TC/NaA-T(U)

COOLING PERFORMANCE			
Outdoor Ambient Temperature	Return Air Temperature		
	60°F (DB)	70°F (DB)	80°F (DB)
	TC (Btu/h)	TC (Btu/h)	TC (Btu/h)
DB			
50°F	42100	52700	59900
65°F	42100	52700	59900
75°F	42100	52700	59900
85°F	40100	50200	57000
95°F	39400	49300	56000
105°F	33500	41900	47600
115	29500	36900	41900

HEATING PERFORMANCE			
Outdoor Ambient Temperature	Return Air Temperature		
	60°F (DB)	70°F (DB)	80°F (DB)
	TC (Btu/h)	TC (Btu/h)	TC (Btu/h)
DB (HD)			
-22°F (70%)	31400	30800	29500
-15°F (70%)	37800	37100	35600
-5°F (70%)	42400	41600	39900
5°F (70%)	47100	46200	44300
17°F (70%)	58100	57000	54700
32°F (75%)	58100	57000	54700
47°F (80%)	58100	57000	54700
60°F (70%)	64500	63300	60700

LEGEND: DB - Dry Bulb
 HD - Humidity
 TC - Total Capacity



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