5. Capacities and Selection Data

5.1 Capacity Characteristic Charts

The following charts show the characteristics of outdoor unit capacity, which corresponds with the operating ambient temperature of outdoor unit.

Conditions:

① Pipe length / height difference : 5m/0m

② Compressor at rated inverter frequency

③ Indoor fan speed at high fan speed

④ Capacity loss due to white frost and defrost operation is not included.

Up to 2 IDUs

AMW2-12U4RRA 2AMW35U4RGC

COOLING CAPACITY (W)

Indoor temperature		Outdoor temperature (℃ DB)						
(℃ DB)	(℃ WB)	15	20	25	30	35	40	45
22	16	2870	2975	3010	3115	3150	2800	2345
27	19	3710	3675	3640	3570	3500	3150	2555
30	22	3675	3780	3815	3850	3920	3500	2800

(℃ DB) : Dry Bulb Temperature (℃)
(℃ WB) : Wet Bulb Temperature (℃)

HEATING CAPACITY (W)

Indoor temperature	Outdoor temperature DB (℃)							
DB (℃)	-15	-10	-5	0	5	10	15	20
16	2426	2695	3003	3388	3427	3465	3504	3542
20	2495	2772	3119	3465	3773	3966	4235	4158
24	2600	2888	3465	3850	4235	4428	4736	3773

(℃ DB) : Dry Bulb Temperature (℃)
(℃ WB) : Wet Bulb Temperature (℃)

AMW2-14U4RRA 2AMW42U4RGC

COOLING CAPACITY (W)

Indoor temperature		Outdoor temperature (℃ DB)						
(℃ DB)	(℃ WB)	15	20	25	30	35	40	45
22	16	3362	3485	3526	3649	3690	3280	2747
27	19	4346	4305	4264	4182	4100	3690	2993
30	22	4305	4510	4469	4510	4592	4100	3280

(℃ DB) : Dry Bulb Temperature (℃)
(℃ WB) : Wet Bulb Temperature (℃)

HEATING CAPACITY (W)

Indoor temperature	Outdoor temperature DB (℃)							
DB (℃)	-15	-10	-5	0	5	10	15	20
16	2835	3150	3510	3960	4005	4050	4095	4140
20	2916	3240	3645	4050	4410	4635	4950	4860
24	3038	3375	4050	4500	4950	5175	5535	4410

(℃ DB) : Dry Bulb Temperature (℃)
(℃ WB) : Wet Bulb Temperature (℃)

5. CAPACITIES AND SELECTION DATA

AMW2-18U4RXA 2AMW52U4RXC

COOLING CAPACITY (W)

Indoor temperature		Outdoor temperature (℃ DB)						
(℃ DB)	(℃ WB)	15	20	25	30	35	40	45
22	16	4264	4420	4472	4628	4680	4160	3484
27	19	5512	5460	5408	5304	5200	4680	3796
30	22	5460	5720	5668	5720	5824	5200	4160

(℃ DB) : Dry Bulb Temperature (℃)
(℃ WB) : Wet Bulb Temperature (℃)

HEATING CAPACITY (W)

Indoor temperature	Outdoor temperature DB (℃)							
DB (℃)	-15	-10	-5	0	5	10	15	20
16	3780	4200	4680	5280	5340	5400	5460	5520
20	3888	4320	4860	5400	5880	6180	6600	6480
24	4050	4500	5400	6000	6600	6900	7380	5880

(℃ DB) : Dry Bulb Temperature (℃)

(℃ WB) : Wet Bulb Temperature (℃)

Up to 3 IDUs

AMW3-14U4RJA/AMW3-18U4RJA 3AMW52U4RJA

COOLING CAPACITY (W)

Indoor temperature		Outdoor temperature (℃ DB)						
(℃ DB)	(℃ WB)	15	20	25	30	35	40	45
22	16	8036	8282	8036	7954	7790	7052	6232
27	19	8610	8774	8528	8446	8200	7380	6560
30	22	8856	9020	8774	8610	8364	7544	6724

(℃ DB) : Dry Bulb Temperature (℃)
(℃ WB) : Wet Bulb Temperature (℃)

HEATING CAPACITY (W)

Indoor temperature	Outdoor temperature DB (℃)							
DB (℃)	-15	-10	-5	0	5	10	15	20
16	6375	7225	8075	8500	8925	9775	10200	10285
20	5950	6800	7650	8075	8500	9350	9775	9605
24	5440	6290	7140	7565	7990	8840	9265	8840

(℃ DB) : Dry Bulb Temperature (℃)

(℃ WB) : Wet Bulb Temperature (℃)

AMW3-21U4RFA

COOLING CAPACITY (W)

Indoor temperature		Outdoor temperature (℃ DB)						
(℃ DB)	(℃ WB)	15	20	25	30	35	40	45
22	16	5166	5355	5418	5607	5670	5040	4221
27	19	6678	6615	6552	6426	6300	5670	4599
30	22	6615	6930	6867	6930	7056	6300	5040

(℃ DB) : Dry Bulb Temperature (℃)
(℃ WB) : Wet Bulb Temperature (℃)

5. CAPACITIES AND SELECTION DATA

HEATING CAPACITY (W)

Indoor temperature	Outdoor temperature DB (℃)							
DB (℃)	-15	-10	-5	0	5	10	15	20
16	4536	5040	5616	6336	6408	6480	6552	6624
20	4666	5184	5832	6480	7056	7416	7920	7776
24	4860	5400	6480	7200	7920	8280	8856	7056

(℃ DB) : Dry Bulb Temperature (℃)

(℃ WB) : Wet Bulb Temperature (℃)

AMW3-24U4RFA

COOLING CAPACITY (W)

Indoor temperature		Outdoor temperature (℃ DB)						
(℃ DB)	(℃ WB)	15	20	25	30	35	40	45
22	16	5904	6120	6192	6408	6480	5760	4824
27	19	7632	7560	7488	7344	7200	6480	5256
30	22	7560	7920	7848	7920	8064	7200	5760

(℃ DB) : Dry Bulb Temperature (℃)
(℃ WB) : Wet Bulb Temperature (℃)

HEATING CAPACITY (W)

Indoor temperature	Outdoor temperature DB (℃)							
DB (℃)	-15	-10	-5	0	5	10	15	20
16	4990	5544	6178	6970	7049	7128	7207	7286
20	5132	5702	6415	7128	7762	8158	8712	8554
24	5346	5940	7128	7920	8712	9108	9742	7762

(℃ DB) : Dry Bulb Temperature (℃)

(℃ WB) : Wet Bulb Temperature (℃)

AMW3-24U4RAA 3AMW72U4RJC

COOLING CAPACITY (W)

Indoor temperature		Outdoor temperature (℃ DB)						
(℃ DB)	(℃ WB)	15	20	25	30	35	40	45
22	16	5740	5950	6020	6230	6300	5600	4690
27	19	7420	7350	7280	7140	7000	6300	5110
30	22	7350	7700	7630	7700	7840	7000	5600

(℃ DB) : Dry Bulb Temperature (℃)
(℃ WB) : Wet Bulb Temperature (℃)

HEATING CAPACITY (W)

Indoor temperature	Outdoor temperature DB (℃)							
DB (℃)	-15	-10	-5	0	5	10	15	20
16	5040	5600	6240	7040	7120	7200	7280	7360
20	5184	5760	6480	7200	7840	8240	8800	8640
24	5400	6000	7200	8000	8800	9200	9840	7840

(℃ DB) : Dry Bulb Temperature (℃)
(℃ WB) : Wet Bulb Temperature (℃)

5. CAPACITIES AND SELECTION DATA

Up to 4 IDUs

AMW4-27U4RAA 4AMW81U4RAA

COOLING CAPACITY (W)

Indoor temperature		Outdoor temperature (℃ DB)						
(℃ DB)	(℃ WB)	15	20	25	30	35	40	45
22	16	6560	6800	6880	7120	7200	6400	5360
27	19	8480	8400	8320	8160	8000	7200	5840
30	22	8400	8800	8720	8800	8960	8000	6400

(℃ DB) : Dry Bulb Temperature (℃)
(℃ WB) : Wet Bulb Temperature (℃)

HEATING CAPACITY (W)

Indoor temperature	Outdoor temperature DB (℃)							
DB (℃)	-15	-10	-5	0	5	10	15	20
16	5670	6300	7020	7920	8010	8100	8190	8280
20	5832	6480	7290	8100	8820	9270	9900	9720
24	6075	6750	8100	9000	9900	10350	11070	8820

(℃ DB) : Dry Bulb Temperature (℃)
(℃ WB) : Wet Bulb Temperature (℃)

AMW4-36U4RAA 4AMW105U4RAA

COOLING CAPACITY (kW)

Indoor temperature		Outdoor temperature (℃ DB)						
(℃ DB)	(℃ WB)	15	20	25	30	35	40	45
22	16	8200	8500	8600	8900	9000	8000	6700
27	19	10600	10500	10400	10200	10000	9000	7300
30	22	10500	11000	10900	11000	11200	10000	8000

(℃ DB) : Dry Bulb Temperature (℃)
(℃ WB) : Wet Bulb Temperature (℃)

HEATING CAPACITY (W)

Indoor temperature	Outdoor temperature DB (℃)							
DB (℃)	-15	-10	-5	0	5	10	15	20
16	6930	7700	8580	9680	9790	9900	10010	10120
20	7128	7920	8910	9900	10780	11330	12100	11880
24	7425	8250	9900	11000	12100	12650	13530	10780

(℃ DB) : Dry Bulb Temperature (℃)
(℃ WB) : Wet Bulb Temperature (℃)

Up to 5 IDUs 5AMW125U4RTA

AMW5-42U4RTA

COOLING CAPACITY (W)

Indoor temperature		Outdoor temperature (℃ DB)						
(℃ DB)	(℃ WB)	15	20	25	30	35	40	45
22	16	10250	10625	10750	11125	11250	10000	8375
27	19	13250	13125	13000	12750	12500	11250	9125
30	22	13125	13750	13625	13750	14000	12500	10000

(℃ DB) : Dry Bulb Temperature (℃)
(℃ WB) : Wet Bulb Temperature (℃)

5. CAPACITIES AND SELECTION DATA

HEATING CAPACITY (W)

Indoor temperature	**Outdoor temperature DB** (℃)							
DB (℃)	-15	-10	-5	0	5	10	15	20
16	8505	9450	10530	11880	12015	12150	12285	12420
20	8748	9720	10935	12150	13230	13905	14850	14580
24	9113	10125	12150	13500	14850	15525	16605	13230

(℃ DB) : Dry Bulb Temperature (℃)

(℃ WB) : Wet Bulb Temperature (℃)