2. Outdoor Units

2-9. Capacity table

1) Maximum Heating Capacity (Peak Value)

LWT (Leaving Water Temp.), Tamb (Ambient Temp.), HC (Heating Capacity), PI (Power input), WF (Water Flow)

Model	LWT (°C)	25			30			35			40			45			50			55			60			65			70			75		
	Tamb (°C)	HC (W)	PI (W)	WF (LPM)	HC (W)	PI (W)	WF (LPM)	HC (W)	PI (W)	WF (LPM)	HC (W)	PI (W)	WF (LPM)	HC (W)	PI (W)	WF (LPM)	HC (W)	PI (W)	WF (LPM)	HC (W)	PI (W)	WF (LPM)	HC (W)	PI (W)	WF (LPM)	HC (W)	PI (W)	WF (LPM)	HC (W)	PI (W)	WF (LPM)	HC (W)	PI (W)	WF (LPM)
AE160CXYBEK/EU	-25	9800	4830	28.2	10650	5630	30.7	11500	6570	33.2	11050	6680	31.9	10600	6790	30.7	10370	6950	30.1	9800	6950	17.8	9390	6950	17.1	8800	6720	12.8						
	-20	13300	6240	38.3	13135	6570	37.8	12970	6940	37.4	12400	6940	35.8	11830	6950	34.2	11460	6950	33.2	11100	6940	20.1	10190	6940	18.5	9760	6920	14.2						
	-15	14980	6350	43.1	14370	6620	41.4	13760	6950	39.7	13390	6950	38.7	13010	6950	37.6	12630	6950	36.6	11880	6950	21.5	11070	6950	20.1	10680	6960	15.6	9800	6710	14.3			
	-10	16200	5180	46.6	16100	5930	46.4	16000	6960	46.2	15195	6950	43.9	14390	6950	41.6	13890	6950	40.3	13320	6950	24.2	12230	6950	22.2	11500	6970	16.7	10660	6940	15.6	9940	6900	14.5
	-7	16250	4690	46.7	16125	5150	46.4	16000	5710	46.2	15600	6170	45.1	15200	6740	44.0	14430	6770	41.8	13810	6950	25.0	12720	6950	23.1	11820	6940	17.2	11270	6970	16.5	10200	6900	14.9
	-2	16300	4250	46.9	16150	4410	46.5	16000	4590	46.2	15800	5140	45.6	15600	5860	45.1	15500	6190	44.9	15400	6850	27.9	14700	6950	26.7	13450	6940	19.6	12050	6920	17.6	11680	6880	17.1
	2	16400	3480	47.2	16200	3760	46.6	16000	4100	46.2	16000	4640	46.2	16000	5330	46.3	16000	5710	46.4	16000	6300	29.0	15500	6720	28.2	14420	6940	21.0	13110	6920	19.1	12600	6920	18.4
	7	17500	3110	50.3	16750	3310	48.2	16000	3550	46.2	16000	4000	46.2	16000	4570	46.3	16000	4940	46.4	16000	5520	29.0	16000	5930	29.1	16000	6540	23.3	14890	6910	21.7	13400	6910	19.6
	12	18520	3050	53.3	18150	3290	52.3	17770	3580	51.2	17585	3940	50.8	17400	4390	50.3	17300	4660	50.2	17210	5340	31.2	17110	5600	31.1	17020	6370	24.8	15900	6680	23.2	15400	6700	22.5
	15	19970	2990	57.4	19285	3190	55.5	18600	3430	53.6	18500	3860	53.4	18400	4420	53.2	18120	4720	52.5	17920	5320	32.5	17760	5480	32.3	17500	6360	25.5	15900	6360	23.2	15400	6360	22.5
	20	20400	2660	58.0	19770	2930	56.9	19140	3280	55.2	18975	3730	54.8	18810	4340	54.4	18610	4580	54.0	18400	4960	33.4	18210	5260	33.1	17600	6050	25.6	15900	6050	23.2	15100	6040	22.1
	25	20830	2420	58.0	20255	2690	58.0	19680	3060	56.7	19450	3420	56.2	19220	3880	55.6	19100	4280	55.4	19050	4800	34.5	18800	5110	34.2	17600	5480	25.6	15900	5480	23.2	15000	5470	21.9
	30	22110	2280	58.0	21565	2560	58.0	21020	2960	58.0	20745	3390	58.0	20470	3990	58.0	20300	4250	58.0	20010	4750	36.3	19600	5050	35.6	17600	5050	25.6	15900	5050	23.2	14900	5050	21.8
	35	23560	2190	58.0	22945	2490	58.0	22330	2900	58.0	21830	3300	58.0	21330	3860	58.0	21160	4150	58.0	20500	4540	37.2	19600	4600	35.6	17600	4600	25.6	15900	4600	23.2	14750	4600	21.6
AE160CXYBGK/EU	-25	9800	4830	28.2	10650	5630	30.7	11500	6570	33.2	11400	7000	32.9	11300	7480	32.7	11200	7800	32.5	11000	8270	19.9	10800	8570	19.6	10600	8880	15.4						
	-20	13300	6240	38.3	13135	6570	37.8	12970	6940	37.4	12500	7030	36.1	12400	7460	35.9	12300	7730	35.7	12100	7900	21.9	11700	8540	21.3	11500	8850	16.7						
	-15	14980	6350	43.1	14370	6620	41.4	13760	6950	39.7	13450	7000	38.8	13100	7020	37.9	12850	7130	37.3	12560	7550	22.8	12260	8100	22.3	11860	8140	17.3	10800	7990				
	-10	16200	5180	46.6	16100	5930	46.4	16000	6960	46.2	15195	6950	43.9	14390	6950	41.6	13890	6950	40.3	13320	6950	24.2	12860	7490	23.4	12250	7660	17.8	11000	7490	16.1	10500	7760	15.4
	-7	16250	4690	46.7	16125	5150	46.4	16000	5710	46.2	15600	6170	45.1	15200	6740	44.0	14430	6770	41.8	13810	6950	25.0	13520	7550	24.6	13210	8010	19.2	11850	7500	17.3	11450	8010	16.8
	-2	16300	4250	46.9	16150	4410	46.5	16000	4590	46.2	15800	5140	45.6	15600	5860	45.1	15500	6190	44.9	15400	6850	27.9	14700	6950	26.7	13450	6940	19.6	12050	6920	17.6	11680	6880	17.1
	2	16400	3480	47.2	16200	3760	46.6	16000	4100	46.2	16000	4640	46.2	16000	5330	46.3	16000	5710	46.4	16000	6300	29.0	15500	6720	28.2	14420	6940	21.0	13110	6920	19.1	12600	6920	18.4
	7	17500	3110	50.3	16750	3310	48.2	16000	3550	46.2	16000	4000	46.2	16000	4570	46.3	16000	4940	46.4	16000	5520	29.0	16000	5930	29.1	16000	6540	23.3	16000	7550	23.4	16000	8510	23.4
	12	18520	3050	53.3	18150	3290	52.3	17770	3580	51.2	17585	3940	50.8	17400	4390	50.3	17300	4660	50.2	17210	5340	31.2	17110	5600	31.1	17020	6370	24.8	16920	7170	24.7	16780	7360	24.6
	15	19970	2990	57.4	19285	3190	55.5	18600	3430	53.6	18500	3860	53.4	18400	4420	53.2	18120	4720	52.5	17920	5320	32.5	17760	5480	32.3	17600	6420	25.6	17400	7020	25.4	17000	7110	24.9
	20	20400	2660	58.0	19770	2930	56.9	19140	3280	55.2	18975	3730	54.8	18810	4340	54.4	18610	4580	54.0	18400	4960	33.4	18210	5260	33.1	18050	6220	26.3	17750	6830	25.9	17420	7050	25.5
	25	20830	2420	58.0	20255	2690	58.0	19680	3060	56.7	19450	3420	56.2	19220	3880	55.6	19100	4280	55.4	19050	4800	34.5	18800	5110	34.2	18600	5810	27.1	18300	6350	26.7	17900	6680	26.2
	30	22110	2280	58.0	21565	2560	58.0	21020	2960	58.0	20745	3390	58.0	20470	3990	58.0	20300	4250	58.0	20010	4750	36.3	19750	5100	35.9	19520	5660	28.4	19090	6120	27.9	18650	6390	27.3
	35	23560	2190	58.0	22945	2490	58.0	22330	2900	58.0	21830	3300	58.0	21330	3860	58.0	21160	4150	58.0	20750	4620	37.6	20430	4840	37.1	20260	5350	29.5	19960	5870	29.1	19590	6220	28.7

1. Heating Capacity
 - Capacity is according to EN14511.
 - Valid for heated water range (ΔT = Leaving water temperature - Entering water temperature)
  : If LWT≤50°C, ΔT=5°C or 50°C<LWT≤60°C , ΔT=8°C or LWT>60°C, ΔT=10°C, within the minimum ~ maximum water flow rate.
2. Cooling Capacity
 - Capacity is according to EN14511.
 - Valid for Cooling water range (ΔT =Entering water temperature - Leaving water temperature)
  : ΔT=5°C, within the minimum ~ maximum water flow rate.
3. Power input : Power input is according to EN14511.
4. Peak value : Tested without defrost operation in accordance with EN14511.
※ The real capacity would be changed according to the install environment.

2. Outdoor Units

2-9. Capacity table

2) Maximum Heating Capacity (Integrated Value)

LWT (Leaving Water Temp.), Tamb (Ambient Temp.), HC (Heating Capacity), PI (Power input), WF (Water Flow)

Model	LWT (°C)	25			30			35			40			45			50			55			60			65			70			75		
	Tamb (°C)	HC (W)	PI (W)	WF (LPM)	HC (W)	PI (W)	WF (LPM)	HC (W)	PI (W)	WF (LPM)	HC (W)	PI (W)	WF (LPM)	HC (W)	PI (W)	WF (LPM)	HC (W)	PI (W)	WF (LPM)	HC (W)	PI (W)	WF (LPM)	HC (W)	PI (W)	WF (LPM)	HC (W)	PI (W)	WF (LPM)	HC (W)	PI (W)	WF (LPM)	HC (W)	PI (W)	WF (LPM)
AE050CXYBEK/EU	-25	3,850	1,980	11.1	3,695	1,970	10.6	3,540	1,950	10.2	3,470	1,990	10.0	3,390	2,020	9.8	3,350	2,110	9.7	3,310	2,220	7.0	3,250	2,290	7.0	3,190	2,380	7.0						
	-20	4,410	1,930	12.7	4,295	2,010	12.4	4,180	2,100	12.1	4,100	2,130	11.8	4,020	2,160	11.6	3,900	2,220	11.3	3,780	2,290	7.0	3,710	2,380	7.0	3,640	2,480	7.0						
	-15	4,900	1,850	14.1	4,815	2,000	13.9	4,730	2,180	13.6	4,620	2,190	13.3	4,520	2,210	13.1	4,410	2,290	12.8	4,300	2,390	7.8	4,220	2,480	7.7	4,140	2,590	7.0	4,040	2,610	7.0			
	-10	5,310	1,730	15.3	5,110	1,840	14.7	4,910	1,980	14.2	4,880	2,090	14.1	4,850	2,220	14.0	4,840	2,320	14.0	4,830	2,420	8.8	4,820	2,590	8.8	4,800	2,770	7.0	4,680	2,900	7.0	4,560	3,040	7.0
	-7	5,380	1,550	15.5	5,165	1,650	14.9	4,950	1,770	14.3	4,950	1,900	14.3	4,950	2,040	14.3	4,950	2,210	14.4	4,940	2,410	9.0	4,920	2,590	8.9	4,900	2,800	7.1	4,900	2,980	7.2	4,890	3,190	7.2
	-2	5,460	1,390	15.7	5,205	1,440	15.0	4,950	1,500	14.3	4,950	1,700	14.3	4,950	1,960	14.3	4,950	2,100	14.4	4,950	2,270	9.0	4,950	2,410	9.0	4,950	2,570	7.2	4,870	2,760	7.1	4,770	2,970	7.0
	2	5,540	1,230	15.9	5,245	1,260	15.1	4,950	1,300	14.3	4,950	1,470	14.3	4,950	1,710	14.3	4,950	1,890	14.4	4,950	2,150	9.0	4,950	2,220	9.0	4,950	2,290	7.2	4,950	2,510	7.2	4,840	2,710	7.1
	7	6,090	980	17.5	5,545	980	16.0	5,000	980	14.4	5,000	1,130	14.4	5,000	1,320	14.5	5,000	1,450	14.5	5,000	1,610	9.1	5,000	1,740	9.1	5,000	1,890	7.3	5,000	2,100	7.3	5,000	2,360	7.3
	12	6,400	920	18.4	6,270	1,010	18.1	6,140	1,110	17.7	6,080	1,220	17.6	6,010	1,340	17.4	5,980	1,510	17.3	5,950	1,730	10.8	5,920	1,820	10.8	5,880	2,070	8.6	5,850	2,290	8.5	5,820	2,480	8.5
	15	6,890	900	19.8	6,675	980	19.2	6,460	1,080	18.6	6,390	1,200	18.5	6,330	1,360	18.3	6,250	1,510	18.1	6,180	1,710	11.2	6,100	1,790	11.1	6,080	2,010	8.9	6,060	2,220	8.8	6,040	2,500	8.8
	20	7,490	850	21.5	7,225	950	20.8	6,960	1,080	20.1	6,880	1,220	19.9	6,790	1,400	19.6	6,700	1,520	19.4	6,610	1,670	12.0	6,530	1,770	11.9	6,480	2,020	9.4	6,470	2,270	9.4	6,390	2,560	9.4
	25	8,020	810	23.1	7,800	920	22.5	7,580	1,070	21.9	7,490	1,210	21.6	7,390	1,410	21.4	7,270	1,530	21.1	7,160	1,690	13.0	7,020	1,840	12.8	6,920	2,070	10.1	6,840	2,250	10.0	6,770	2,470	9.9
	30	8,510	770	24.5	8,305	880	23.9	8,100	1,030	23.4	7,990	1,190	23.1	7,880	1,400	22.8	7,820	1,530	22.7	7,750	1,700	14.1	7,690	1,880	14.0	7,620	2,120	11.1	7,550	2,280	11.0	7,410	2,460	10.8
	35	9,080	730	26.1	8,840	840	25.5	8,600	1,010	24.8	8,410	1,150	24.3	8,220	1,360	23.8	8,150	1,490	23.6	8,080	1,660	14.7	8,020	1,840	14.6	7,950	2,050	11.6	7,850	2,200	11.5	7,690	2,350	11.3
AE080CXYBEK/EU	-25	5,700	3,020	16.4	5,475	3,000	15.8	5,250	2,980	15.1	5,135	3,030	14.8	5,020	3,080	14.5	4,960	3,220	14.4	4,900	3,380	8.9	4,810	3,500	8.7	4,720	3,630	7.0						
	-20	6,600	2,970	19.0	6,425	3,090	18.5	6,250	3,230	18.0	6,130	3,270	17.7	6,010	3,320	17.4	5,830	3,420	16.9	5,650	3,530	10.2	5,550	3,670	10.1	5,450	3,820	7.9						
	-15	7,400	2,880	21.3	7,270	3,110	20.9	7,140	3,380	20.6	6,980	3,400	20.2	6,820	3,430	19.7	6,655	3,560	19.3	6,490	3,710	11.8	6,370	3,860	11.6	6,250	4,030	9.1	6,100	4,070	8.9			
	-10	8,020	2,690	23.1	7,715	2,860	22.2	7,410	3,070	21.4	7,365	3,250	21.3	7,320	3,460	21.2	7,310	3,600	21.2	7,300	3,760	13.2	7,275	4,020	13.2	7,250	4,320	10.6	7,070	4,510	10.3	6,890	4,740	10.1
	-7	8,120	2,410	23.4	7,810	2,570	22.5	7,500	2,780	21.6	7,490	2,970	21.6	7,480	3,180	21.6	7,465	3,440	21.6	7,450	3,740	13.5	7,425	4,020	13.5	7,400	4,350	10.8	7,390	4,630	10.8	7,380	4,950	10.8
	-2	8,240	2,170	23.7	8,020	2,290	23.1	7,800	2,430	22.5	7,825	2,760	22.6	7,850	3,200	22.7	7,775	3,400	22.5	7,700	3,630	14.0	7,600	3,810	13.8	7,500	4,010	10.9	7,350	4,290	10.7	7,200	4,620	10.5
	2	8,360	1,910	24.0	8,155	2,020	23.5	7,950	2,150	22.9	7,950	2,430	23.0	7,950	2,790	23.0	7,950	3,120	23.0	7,950	3,550	14.4	7,800	3,600	14.2	7,650	3,650	11.1	7,475	3,900	10.9	7,300	4,210	10.7
	7	9,190	1,520	26.4	8,595	1,570	24.7	8,000	1,630	23.1	8,000	1,860	23.1	8,000	2,160	23.1	8,000	2,390	23.2	8,000	2,670	14.5	8,000	2,870	14.5	8,000	3,110	11.6	8,000	3,460	11.7	8,000	3,880	11.7
	12	9,850	1,470	28.3	9,650	1,600	27.8	9,450	1,770	27.2	9,350	1,930	27.0	9,250	2,130	26.8	9,200	2,390	26.7	9,150	2,730	16.6	9,100	2,890	16.5	9,050	3,280	13.2	9,000	3,630	13.1	8,950	3,930	13.1
	15	10,400	1,390	29.9	10,075	1,520	29.0	9,750	1,680	28.1	9,650	1,870	27.9	9,550	2,110	27.6	9,440	2,350	27.4	9,330	2,670	16.9	9,210	2,780	16.7	9,180	3,120	13.4	9,150	3,450	13.4	9,110	3,880	13.3
	20	11,300	1,320	32.5	10,905	1,480	31.4	10,510	1,680	30.3	10,380	1,900	30.0	10,250	2,180	29.7	10,115	2,370	29.3	9,980	2,600	18.1	9,860	2,760	17.9	9,780	3,140	14.2	9,760	3,530	14.2	9,650	3,990	14.1
	25	12,110	1,270	34.8	11,775	1,430	33.9	11,440	1,660	33.0	11,300	1,880	32.6	11,160	2,190	32.3	10,980	2,390	31.8	10,800	2,620	19.6	10,600	2,860	19.3	10,450	3,210	15.2	10,320	3,490	15.1	10,220	3,840	15.0
	30	12,850	1,200	37.0	12,535	1,370	36.1	12,220	1,610	35.2	12,060	1,840	34.8	11,900	2,180	34.4	11,800	2,380	34.2	11,700	2,640	21.2	11,600	2,930	21.1	11,500	3,290	16.7	11,400	3,540	16.6	10,800	3,690	15.8
	35	13,700	1,140	39.4	13,340	1,310	38.4	12,980	1,570	37.4	12,690	1,790	36.6	12,400	2,110	35.9	12,300	2,320	35.7	12,200	2,580	22.1	12,100	2,850	22.0	12,000	3,190	17.5	11,100	3,200	16.2	10,100	3,180	14.8
AE080CXYBGK/EU	-25	5,700	3,020	16.4	5,475	3,000	15.8	5,250	2,980	15.1	5,135	3,030	14.8	5,020	3,080	14.5	4,960	3,220	14.4	4,900	3,380	8.9	4,810	3,500	8.7	4,720	3,630	7.0						
	-20	6,600	2,970	19.0	6,425	3,090	18.5	6,250	3,230	18.0	6,130	3,270	17.7	6,010	3,320	17.4	5,830	3,420	16.9	5,650	3,530	10.2	5,550	3,670	10.1	5,450	3,820	7.9						
	-15	7,400	2,880	21.3	7,270	3,110	20.9	7,140	3,380	20.6	6,980	3,400	20.2	6,820	3,430	19.7	6,655	3,560	19.3	6,490	3,710	11.8	6,370	3,860	11.6	6,250	4,030	9.1	6,100	4,070	8.9			
	-10	8,020	2,690	23.1	7,715	2,860	22.2	7,410	3,070	21.4	7,365	3,250	21.3	7,320	3,460	21.2	7,310	3,600	21.2	7,300	3,760	13.2	7,275	4,020	13.2	7,250	4,320	10.6	7,070	4,580	10.3	6,890	4,890	10.1
	-7	8,120	2,410	23.4	7,810	2,570	22.5	7,500	2,780	21.6	7,490	2,970	21.6	7,480	3,180	21.6	7,465	3,440	21.6	7,450	3,740	13.5	7,425	4,020	13.5	7,400	4,350	10.8	7,390	4,630	10.8	7,380	4,950	10.8
	-2	8,240	2,170	23.7	8,020	2,290	23.1	7,800	2,430	22.5	7,825	2,760	22.6	7,850	3,200	22.7	7,775	3,400	22.5	7,700	3,630	14.0	7,600	3,810	13.8	7,500	4,010	10.9	7,350	4,290	10.7	7,200	4,620	10.5
	2	8,360	1,910	24.0	8,155	2,020	23.5	7,950	2,150	22.9	7,950	2,430	23.0	7,950	2,790	23.0	7,950	3,120	23.0	7,950	3,550	14.4	7,800	3,600	14.2	7,650	3,650	11.1	7,475	3,900	10.9	7,300	4,210	10.7
	7	9,190	1,520	26.4	8,595	1,570	24.7	8,000	1,630	23.1	8,000	1,860	23.1	8,000	2,160	23.1	8,000	2,390	23.2	8,000	2,670	14.5	8,000	2,870	14.5	8,000	3,110	11.6	8,000	3,460	11.7	8,000	3,880	11.7
	12	9,850	1,470	28.3	9,650	1,600	27.8	9,450	1,770	27.2	9,350	1,930	27.0	9,250	2,130	26.8	9,200	2,390	26.7	9,150	2,730	16.6	9,100	2,890	16.5	9,050	3,280	13.2	9,000	3,630	13.1	8,950	3,930	13.1
	15	10,400	1,390	29.9	10,075	1,520	29.0	9,750	1,680	28.1	9,650	1,870	27.9	9,550	2,110	27.6	9,440	2,350	27.4	9,330	2,670	16.9	9,210	2,780	16.7	9,180	3,120	13.4	9,150	3,450	13.4	9,110	3,880	13.3
	20	11,300	1,320	32.5	10,905	1,480	31.4	10,510	1,680	30.3	10,380	1,900	30.0	10,250	2,180	29.7	10,115	2,370	29.3	9,980	2,600	18.1	9,860	2,760	17.9	9,780	3,140	14.2	9,760	3,530	14.2	9,650	3,990	14.1
	25	12,110	1,270	34.8	11,775	1,430	33.9	11,440	1,660	33.0	11,300	1,880	32.6	11,160	2,190	32.3	10,980	2,390	31.8	10,800	2,620	19.6	10,600	2,860	19.3	10,450	3,210	15.2	10,320	3,490	15.1	10,220	3,840	15.0
	30	12,850	1,200	37.0	12,535	1,370	36.1	12,220	1,610	35.2	12,060	1,840	34.8	11,900	2,180	34.4	11,800	2,380	34.2	11,700	2,640	21.2	11,600	2,930	21.1	11,500	3,290	16.7	11,400	3,540	16.6	11,300	3,880	16.5
	35	13,700	1,140	39.4	13,340	1,310	38.4	12,980	1,570	37.4	12,690	1,790	36.6	12,400	2,110	35.9	12,300	2,320	35.7	12,200	2,580	22.1	12,100	2,850	22.0	12,000	3,190	17.5	11,100	3,260	16.2	11,820	3,880	17.3
AE120CXYBEK/EU	-25	9,800	4,830	28.2	9,650	4,990	27.8	9,500	5,160	27.4	9,400	5,450	27.1	9,300	5,780	26.9	9,150	5,950	26.5	9,000	6,200	16.3	8,850	6,420	16.1	8,800	6,720	12.8						
	-20	10,500	4,550	30.2	10,400	4,790	29.9	10,300	5,070	29.7	10,250	5,360	29.6	10,150	5,660	29.4	10,100	5,940	29.3	10,000	6,250	18.1	9,850	6,510	17.9	9,760	6,920	14.2						
	-15	11,700	4,460	33.6	11,420	4,780	32.9	11,150	5,180	32.1	11,125	5,400	32.1	11,075	5,620	32.0	11,050	5,900	32.0	11,000	6,220	19.9	10,930	6,580	19.9	10,680	6,960	15.6	9,800	6,710	14.3			
	-10	12,030	4,130	34.6	11,570	4,380	33.3	11,120	4,540	32.1	11,050	5,030	31.9	10,980	5,290	31.8	10,970	5,460	31.8	10,950	5,760	19.9	10,910	6,150	19.8	10,870	6,590	15.8	10,660	6,940	15.6	9,940	6,900	14.5
	-7	12,180	3,730	35.0	11,720	3,860	33.7	11,450	4,160	33.0	11,240	4,590	32.5	11,220	4,820	32.5	11,200	4,980	32.5	11,180	5,670	20.3	11,140	6,160	20.2	11,100	6,660	16.2	10,900	6,900	15.9	10,050	6,930	14.7
	-2	12,360	3,350	35.5	12,030	3,430	34.6	11,900	3,710	34.3	11,820	4,310	34.1	11,780	4,900	34.1	11,660	5,000	33.8	11,550	5,340	20.9	11,400	5,710	20.7	11,250	6,130	16.4	11,030	6,500	16.1	10,200	6,610	14.9
	2	12,540	2,950	36.1	12,230	3,090	35.2	11,900	3,310	34.3	11,900	3,750	34.4	11,900	4,410	34.4	11,900	4,590	34.5	11,900	5,020	21.6	11,700	5,340	21.3	11,480	5,590	16.7	11,350	5,990	16.6	11,200	6,590	16.4
	7	13,790	2,180	39.7	12,890	2,360	37.1	12,000	2,500	34.6	12,000	2,790	34.7	12,000	3,240	34.7	12,000	3,550	34.8	12,000	4,000	21.8	12,000	4,270	21.8	12,000	4,710	17.5	12,000	5,290	17.5	12,000	5,880	17.6
	12	14,780	2,190	42.5	14,480	2,420	41.7	14,180	2,660	40.9	14,030	2,900	40.5	13,880	3,260	40.2	13,800	3,570	40.0	13,730	4,090	24.9	13,650	4,330	24.8	13,580	4,880	19.8	13,500	5,480	19.7	13,430	5,860	19.7
	15	15,600	2,100	44.9	15,110	2,260	43.5	14,630	2,510	42.2	14,480	2,780	41.8	14,330	3,250	41.5	14,160	3,540	41.1	14,000	3,990	25.4	13,820	4,140	25.1	13,770	4,650	20.1	13,730	5,130	20.0	13,670	5,820	20.0
	20	16,950	1,990	48.7	16,360	2,230	47.1	15,770	2,510	45.5	15,570	2,840	45.0	15,380	3,300	44.5	15,170	3,590	44.0	14,970	3,870	27.1	14,790	4,140	26.9	14,670	4,720	21.4	14,640	5,290	21.4	14,620	5,850	21.4
	25	18,170	1,900	52.3	17,660	2,150	50.8	17,160	2,480	49.5	16,950	2,840	49.0	16,740	3,210	48.4	16,470	3,540	47.7	16,200	3,920	29.4	15,900	4,250	28.9	15,680	4,870	22.8	15,480	5,210	22.6	15,000	5,470	21.9
	30	19,280	1,790	55.4	18,800	2,040	54.1	18,330	2,400	52.9	18,090	2,770	52.2	17,850	3,230	51.6	17,700	3,560	51.3	17,550	4,000	31.8	17,400	4,350	31.6	17,250	4,920	25.1	15,900	5,050	23.2	14,900	5,050	21.8
	35	20,550	1,720	58.0	20,010	1,950	57.6	19,470	2,350	56.1	19,040	2,710	55.0	18,600	3,130	53.8	18,450	3,480	53.5	18,300	3,890	33.2	18,150	4,260	33.0	17,250	4,620	25.1	15,900	4,600	23.2	14,750	4,600	21.6
AE120CXYBGK/EU	-25	9,800	4,830	28.2	9,650	4,990	27.8	9,500	5,160	27.4	9,450	5,480	27.3	9,400	5,840	27.2	9,380	6,100	27.2	9,350	6,440	17.0	9,300	6,890	16.9	9,250	7,400	13.5						
	-20	11,000	4,760	31.6	10,900	5,020	31.4	10,800	5,320	31.1	10,750	5,630	31.0	10,650	5,940	30.8	10,550	6,210	30.6	10,350	6,470	18.8	10,250	6,770	18.6	10,150	7,360	14.8						
	-15	11,700	4,460	33.6	11,420	4,780	32.9	11,150	5,180	32.1	11,125	5,400	32.1	11,075	5,620	32.0	11,050	5,900	32.0	11,000	6,220	19.9	10,930	6,580	19.9	10,870	7,200	15.8	10,400	7,270	15.2			
	-10	12,030	4,130	34.6	11,570	4,380	33.3	11,120	4,540	32.1	11,050	5,030	31.9	10,980	5,290	31.8	10,970	5,460	31.8	10,950	5,760	19.9	10,910	6,150	19.8	10,870	6,590	15.8	10,800	7,250	15.8	10,450	7,410	15.3
	-7	12,180	3,730	35.0	11,720	3,860	33.7	11,450	4,160	33.0	11,240	4,590	32.5	11,220	4,820	32.5	11,200	4,980	32.5	11,180	5,670	20.3	11,140	6,160	20.2	11,100	6,660	16.2	10,950	7,020	16.0	10,700	7,540	15.7
	-2	12,360	3,350	35.5	12,030	3,430	34.6	11,900	3,710	34.3	11,820	4,310	34.1	11,780	4,900	34.1	11,660	5,000	33.8	11,550	5,340	20.9	11,400	5,710	20.7	11,250	6,130	16.4	11,030	6,500	16.1	10,900	7,220	16.0
	2	12,540	2,950	36.1	12,230	3,090	35.2	11,900	3,310	34.3	11,900	3,750	34.4	11,900	4,410	34.4	11,900	4,590	34.5	11,900	5,020	21.6	11,700	5,340	21.3	11,480	5,590	16.7	11,350	5,990	16.6	11,200	6,590	16.4
	7	13,790	2,180	39.7	12,890	2,360	37.1	12,000	2,500	34.6	12,000	2,790	34.7	12,000	3,240	34.7	12,000	3,550	34.8	12,000	4,000	21.8	12,000	4,270	21.8	12,000	4,710	17.5	12,000	5,290	17.5	12,000	5,880	17.6
	12	14,780	2,190	42.5	14,480	2,420	41.7	14,180	2,660	40.9	14,030	2,900	40.5	13,880	3,260	40.2	13,800	3,570	40.0	13,730	4,090	24.9	13,650	4,330	24.8	13,580	4,880	19.8	13,500	5,480	19.7	13,430	5,860	19.7
	15	15,600	2,100	44.9	15,110	2,260	43.5	14,630	2,510	42.2	14,480	2,780	41.8	14,330	3,250	41.5	14,160	3,540	41.1	14,000	3,990	25.4	13,820	4,140	25.1	13,770	4,650	20.1	13,730	5,130	20.0	13,670	5,820	20.0
	20	16,950	1,990	48.7	16,360	2,230	47.1	15,770	2,510	45.5	15,570	2,840	45.0	15,380	3,300	44.5	15,170	3,590	44.0	14,970	3,870	27.1	14,790	4,140	26.9	14,670	4,720	21.4	14,640	5,290	21.4	14,620	5,850	21.4
	25	18,170	1,900	52.3	17,660	2,150	50.8	17,160	2,480	49.5	16,950	2,840	49.0	16,740	3,210	48.4	16,470	3,540	47.7	16,200	3,920	29.4	15,900	4,250	28.9	15,680	4,870	22.8	15,480	5,210	22.6	15,330	5,590	22.4
	30	19,280	1,790	55.4	18,800	2,040	54.1	18,330	2,400	52.9	18,090	2,770	52.2	17,850	3,230	51.6	17,700	3,560	51.3	17,550	4,000	31.8	17,400	4,350	31.6	17,250	4,920	25.1	16,850	5,190	24.6	16,390	5,560	24.0
	35	20,550	1,720	58.0	20,010	1,950	57.6	19,470	2,350	56.1	19,040	2,710	55.0	18,600	3,130	53.8	18,450	3,480	53.5	18,300	3,890	33.2	18,150	4,260	33.0	17,950	4,810	26.1	17,750	5,100	25.9	17,560	5,480	25.7

2. Outdoor Units

2-9. Capacity table

2) Maximum Heating Capacity (Integrated Value)

LWT (Leaving Water Temp.), Tamb (Ambient Temp.), HC (Heating Capacity), PI (Power input), WF (Water Flow)

Model	LWT (℃)	25			30			35			40			45			50			55			60			65			70			75		
	Tamb (℃)	HC (W)	PI (W)	WF (LPM)	HC (W)	PI (W)	WF (LPM)	HC (W)	PI (W)	WF (LPM)	HC (W)	PI (W)	WF (LPM)	HC (W)	PI (W)	WF (LPM)	HC (W)	PI (W)	WF (LPM)	HC (W)	PI (W)	WF (LPM)	HC (W)	PI (W)	WF (LPM)	HC (W)	PI (W)	WF (LPM)	HC (W)	PI (W)	WF (LPM)	HC (W)	PI (W)	WF (LPM)
AE160CXYBEK/EU	-25	9,800	4,830	28.2	10,650	5,630	30.7	11,500	6,570	33.2	11,050	6,680	31.9	10,600	6,790	30.7	10,370	6,950	30.1	9,800	6,950	17.8	9,390	6,950	17.1	8,800	6,720	12.8						
	-20	13,300	6,240	38.3	13,135	6,570	37.8	12,970	6,940	37.4	12,400	6,940	35.8	11,830	6,950	34.2	11,460	6,950	33.2	11,100	6,940	20.1	10,190	6,940	18.5	9,760	6,920	14.2						
	-15	14,980	6,350	43.1	14,370	6,620	41.4	13,760	6,950	39.7	13,390	6,950	38.7	13,010	6,950	37.6	12,630	6,950	36.6	11,880	6,950	21.5	11,070	6,950	20.1	10,680	6,960	15.6	9,800	6,710	14.3			
	-10	15,000	5,880	43.1	14,380	6,030	41.4	13,750	6,190	39.6	13,400	6,490	38.7	13,050	6,830	37.8	12,650	6,840	36.7	12,200	6,850	22.1	11,770	6,770	21.4	11,100	6,770	16.2	10,660	6,940	15.6	9,940	6,900	14.5
	-7	14,800	5,150	42.6	14,400	5,360	41.5	14,000	5,600	40.4	13,960	6,080	40.3	13,910	6,640	40.2	13,800	6,830	40.0	12,820	6,850	23.2	12,000	6,770	21.8	11,140	6,750	16.2	10,900	6,900	15.9	10,050	6,930	14.7
	-2	14,500	4,460	41.7	14,630	4,740	42.1	14,760	5,050	42.6	14,690	5,730	42.4	14,610	6,610	42.3	14,300	6,590	41.5	13,400	6,450	24.3	12,840	6,770	23.3	12,140	6,750	17.7	11,300	6,770	16.5	10,300	6,780	15.1
	2	14,200	3,790	40.8	14,850	4,210	42.8	15,500	4,700	44.7	15,250	5,210	44.0	15,000	5,880	43.4	14,600	6,120	42.3	14,000	6,060	25.4	13,930	6,770	25.3	13,450	6,750	19.6	12,300	6,760	18.0	11,500	6,760	16.8
	7	17,500	3,110	50.3	16,750	3,310	48.2	16,000	3,550	46.2	16,000	4,000	46.2	16,000	4,570	46.3	16,000	4,940	46.4	16,000	5,520	29.0	16,000	5,930	29.1	16,000	6,540	23.3	14,890	6,910	21.7	13,400	6,910	19.6
	12	18,520	3,050	53.3	18,150	3,290	52.3	17,770	3,580	51.2	17,585	3,940	50.8	17,400	4,390	50.3	17,300	4,660	50.2	17,210	5,340	31.2	17,110	5,600	31.1	17,020	6,370	24.8	15,900	6,680	23.2	15,400	6,700	22.5
	15	19,970	2,990	57.4	19,285	3,190	55.5	18,600	3,430	53.6	18,500	3,860	53.4	18,400	4,420	53.2	18,120	4,720	52.5	17,920	5,320	32.5	17,760	5,480	32.3	17,500	6,360	25.5	15,900	6,360	23.2	15,400	6,360	22.5
	20	20,400	2,660	58.0	19,770	2,930	56.9	19,140	3,280	55.2	18,975	3,730	54.8	18,810	4,340	54.4	18,610	4,580	54.0	18,400	4,960	33.4	18,210	5,260	33.1	17,600	6,050	25.6	15,900	6,050	23.2	15,100	6,040	22.1
	25	20,830	2,420	58.0	20,255	2,690	58.0	19,680	3,060	56.7	19,450	3,420	56.2	19,220	3,880	55.6	19,100	4,280	55.4	19,050	4,800	34.5	18,800	5,110	34.2	17,600	5,480	25.6	15,900	5,480	23.2	15,000	5,470	21.9
	30	22,110	2,280	58.0	21,565	2,560	58.0	21,020	2,960	58.0	20,745	3,390	58.0	20,470	3,990	58.0	20,300	4,250	58.0	20,010	4,750	36.3	19,600	5,050	35.6	17,600	5,050	25.6	15,900	5,050	23.2	14,900	5,050	21.8
	35	23,560	2,190	58.0	22,945	2,490	58.0	22,330	2,900	58.0	21,830	3,300	58.0	21,330	3,860	58.0	21,160	4,150	58.0	20,500	4,540	37.2	19,600	4,600	35.6	17,600	4,600	25.6	15,900	4,600	23.2	14,750	4,600	21.6
AE160CXYBGK/EU	-25	9,800	4,830	28.2	10,650	5,630	30.7	11,500	6,570	33.2	11,400	7,000	32.9	11,300	7,480	32.7	11,200	7,800	32.5	11,000	8,270	19.9	10,800	8,570	19.6	10,600	8,880	15.4						
	-20	13,300	6,240	38.3	13,135	6,570	37.8	12,970	6,940	37.4	12,500	7,030	36.1	12,400	7,460	35.9	12,300	7,730	35.7	12,100	7,900	21.9	11,700	8,540	21.3	11,500	8,850	16.7						
	-15	14,980	6,350	43.1	14,370	6,620	41.4	13,760	6,950	39.7	13,450	7,000	38.8	13,100	7,020	37.9	12,850	7,130	37.3	12,560	7,550	22.8	12,260	8,100	22.3	11,860	8,140	17.3	10,800	7,990	15.8			
	-10	15,000	5,880	43.1	14,380	6,030	41.4	13,750	6,190	39.6	13,400	6,490	38.7	13,050	6,830	37.8	12,650	6,840	36.7	12,200	6,850	22.1	11,820	7,250	21.5	11,720	7,560	17.1	11,000	7,490	16.1	10,500	7,760	15.4
	-7	14,800	5,150	42.6	14,400	5,360	41.5	14,000	5,600	40.4	13,960	6,080	40.3	13,910	6,640	40.2	13,800	6,830	40.0	12,820	6,850	23.2	12,030	7,120	21.9	11,800	7,420	17.2	11,030	7,500	16.1	10,340	7,600	15.1
	-2	14,500	4,460	41.7	14,630	4,740	42.1	14,760	5,050	42.6	14,690	5,730	42.4	14,610	6,610	42.3	14,300	6,590	41.5	13,400	6,450	24.3	12,650	6,800	23.0	12,060	6,850	17.6	11,330	6,950	16.5	10,500	7,050	15.4
	2	14,200	3,790	40.8	14,850	4,210	42.8	15,500	4,700	44.7	15,250	5,210	44.0	15,000	5,880	43.4	14,600	6,120	42.3	14,000	6,060	25.4	13,610	6,770	24.7	13,290	6,780	19.4	12,240	6,800	17.9	11,510	6,850	16.8
	7	17,500	3,110	50.3	16,750	3,310	48.2	16,000	3,550	46.2	16,000	4,000	46.2	16,000	4,570	46.3	16,000	4,940	46.4	16,000	5,520	29.0	16,000	5,930	29.1	16,000	6,540	23.3	16,000	7,550	23.4	16,000	8,510	23.4
	12	18,520	3,050	53.3	18,150	3,290	52.3	17,770	3,580	51.2	17,585	3,940	50.8	17,400	4,390	50.3	17,300	4,660	50.2	17,210	5,340	31.2	17,110	5,600	31.1	17,020	6,370	24.8	16,920	7,170	24.7	16,780	7,360	24.6
	15	19,970	2,990	57.4	19,285	3,190	55.5	18,600	3,430	53.6	18,500	3,860	53.4	18,400	4,420	53.2	18,120	4,720	52.5	17,920	5,320	32.5	17,760	5,480	32.3	17,600	6,420	25.6	17,400	7,020	25.4	17,000	7,110	24.9
	20	20,400	2,660	58.0	19,770	2,930	56.9	19,140	3,280	55.2	18,975	3,730	54.8	18,810	4,340	54.4	18,610	4,580	54.0	18,400	4,960	33.4	18,210	5,260	33.1	18,050	6,220	26.3	17,750	6,830	25.9	17,420	7,050	25.5
	25	20,830	2,420	58.0	20,255	2,690	58.0	19,680	3,060	56.7	19,450	3,420	56.2	19,220	3,880	55.6	19,100	4,280	55.4	19,050	4,800	34.5	18,800	5,110	34.2	18,600	5,810	27.1	18,300	6,350	26.7	17,900	6,680	26.2
	30	22,110	2,280	58.0	21,565	2,560	58.0	21,020	2,960	58.0	20,745	3,390	58.0	20,470	3,990	58.0	20,300	4,250	58.0	20,010	4,750	36.3	19,750	5,100	35.9	19,520	5,660	28.4	19,090	6,120	27.9	18,650	6,390	27.3
	35	23,560	2,190	58.0	22,945	2,490	58.0	22,330	2,900	58.0	21,830	3,300	58.0	21,330	3,860	58.0	21,160	4,150	58.0	20,750	4,620	37.6	20,430	4,840	37.1	20,260	5,350	29.5	19,960	5,870	29.1	19,590	6,220	28.7

1. Heating cap ity
 - Capacity is according to EN14511.
 - Valid for heated water range (ΔT = Leaving water temperatu e - Entering water temperature)
  : If LWT≤50°C, ΔT=5°C or 50°C<LWT≤60°C , ΔT=8°C or LWT>60°C, ΔT=10°C, within the minimum ~ maximum water flow rate.
2. Cooling capacit
 - Capacity is according to EN14511
 - Valid for ooling water range (ΔT =Entering water temperature - Leaving water temperature)
  : ΔT=5°C, within the minimum ~ maximum water flow rate.
3. Power input : Power input is according to EN1451
4. Peak value : Tested wi out defrost operation in accordance with EN14511.
※ T e real capacity would be changed according to the install environment.