

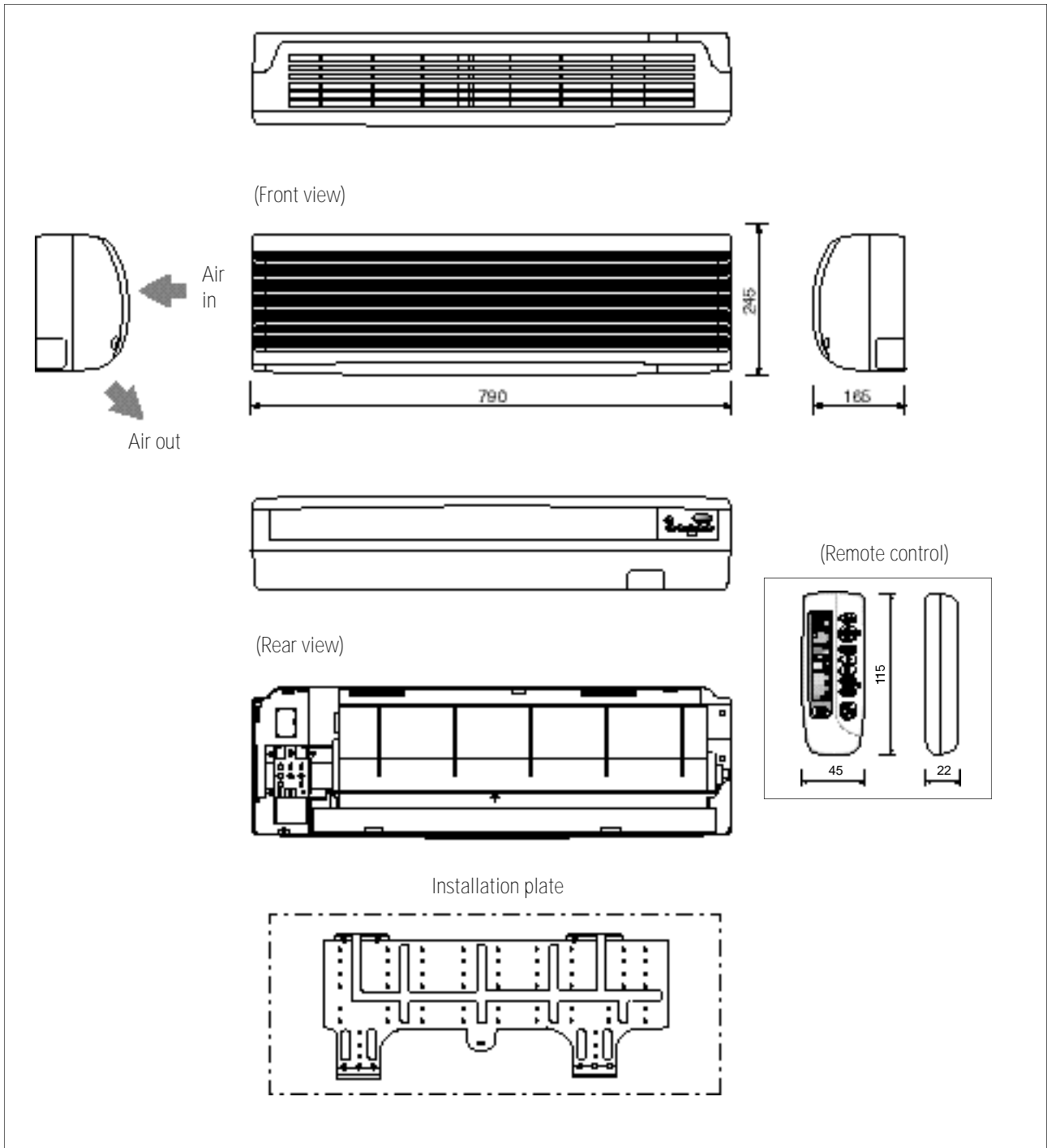
## 2. Product

2-1 Table

Model			AD18B1(B2)E2/MH18ZA1(A2)		AD24B1(B2)E2/MH24ZA1(A2)		AD19B1(B2)E2/MH19ZA1(A2)			UD26B1(B2)E3/MH26ZA1(A2)			
			INDOOR UNIT	OUTDOOR UNIT	INDOOR UNIT	OUTDOOR UNIT	INDOOR UNIT		OUTDOOR UNIT	INDOOR UNIT		OUTDOOR UNIT	
Item			AD18B1(B2)E09	UD18B1(B2)E2	AD24B1(B2)E2	UD24B1(B2)E2	AD19B1(B2)E12	AD19B1(B2)E07	UD19B1(B2)E2	AD26B1(B2)E12	AD26B1(B2)E07	UD26B1(B2)E3	
			MH18ZA1(A2)-09	MH18ZA1(A2)X	MH24ZA1(A2)-12	MH24ZA1(A2)X	MH19ZA1(A2)-12	MH19ZA1(A2)-07	MH19ZA1(A2)X	MH26ZA1(A2)-12	MH26ZA1(A2)-07	MH26ZA1(A2)X	
Type	Wall-Mounting Multi Split												
Performance	Cooling/Heating	1 Unit (A) 1 Unit (B/C) 2 Unit (A+B/C) 2 Unit (B+C) 3 Unit (A+B+C)	KW	2.63 / 2.78 2.63 / 2.78 5.26(2.63X2) / 5.56(2.78X2) -		3.51 / 3.80 3.51 / 3.80 7.02(3.51X2)/7.60(3.80X2) -		3.51 / 3.80 2.05 / 2.05 3.51+2.05 / 3.80+2.05 -		3.51 / 3.80 2.05 / 1.90 5.56 / 5.70 4.10 / 3.80 7.61 / 7.60			
	Dehumidifying		l/h	1.6	-	1.9	-	1.9	1.2	-	1.9	1.2	
	Air volume	Cooling/Heating	m <sup>3</sup> /min	7.3 / 7.8	-	8.3 / 8.8	-	8.3 / 8.8	6.0 / 6.2	-	7.8 / 8.2	6.0 / 6.2	-
	Noise	Cooling/Heating	dB	35 / 35	54 / 54	38 / 38	56	38 / 38	33 / 33	54	38 / 38	35 / 35	56
Power			V/Hz	1/220-240V ~ /50									
Power	Power Consumption (Cooling/Heating)	1 Unit (A) 1 Unit (B/C) 2 Unit (A+B/C) 2 Unit (B+C) 3 Unit (A+B+C)	W	890 / 890 890 / 890 1,780 / 1,780 -		1280 / 1350 1280 / 1350 2,560 / 2,700 -		1,230 / 1,200 700 / 640 1,930 / 1,840 -		1,330 / 1,330 1,220 / 1,270 2,450 / 2,320 1,350 / 1,350 2,500 / 2,350			
	Operating Current (Cooling/Heating)	1 Unit (A) 1 Unit (B/C) 2 Unit (A+B/C) 2 Unit (B+C) 3 Unit (A+B+C)	A	4.0 / 4.0 4.0 / 4.0 8.0 / 8.0 -		5.6 / 5.8 5.6 / 5.8 11.2 / 11.6 -		5.3 / 5.3 3.1 / 2.9 8.4 / 8.2 -		6.2 / 6.2 5.8 / 5.8 11.2 / 11.6 6.0 / 5.5 11.2 / 10.7			
	Starting current(Cooling/Heating)		A	30		30		30		30			
	Power cable(Optional)			-	H05RNF2.5	-	H05RNF2.5	-	H07RNF2.5	-	H07RNF2.5		
	Fuse capacity		A	3.15	3.15 / 5	3.15	3.15 / 5	3.15	3.15	3.15 / 5	3.15	3.15	3.15 / 5
	Outer dimension	W x H x D	mm	790x245x165	787x620x320	790x245x165	1000x790x310	790x245x165	787x620x320	790x245x165	1,000x790x310		
		inch	31.10x9.64x24.2	30.98x24.41x12.6	31.10x9.64x24.2	39.37x31.10x12.2	31.10x9.64x24.2	30.98x24.41x12.6	31.10x9.64x24.2	39.37x31.10x12.2			
Weight		kg	7.0	54	7.0	69	7.0	7.0	54	7.0	7.0	70.5	
Refrigerant pipe	Liquid Gas	OD(mm)xL(m)	ø6.35 x 5		ø6.35 x 5		ø6.35 x 5	ø6.35 x 5	-	ø6.35 x 5	ø6.35 x 5	-	
			ø9.52 x 5		ø12.7 x 5		ø12.7 x 5	ø9.52 x 5	-	ø12.7 x 5	ø9.52 x 5	-	
Drain hose		ID(mm)xL(m)	ø17 x 2,000										
Compressor	Type		-	Rotary	-	Rotary	-	Rotary	-	Rotary	-	Rotary	
	Model name		-	44B092JW1EG	-	48A124JV1EG	48A124JV1EG	44H070JW1E2	-	48A124JV1EG	48A124JV1EG	-	
	Capacitor		-	30µF x 370VAC	-	30µF x 420VAC	30µF x 420VAC	25µF x 450VAC	-	30µF x 420VAC	30µF x 420VAC	-	
	Motor	Type(model)	-	-	-	-	-	-	-	-	-	-	
	Rated output	W	-	895	-	1210	1210	675	-	1,210	1,210	-	
Blower	Type		Cross-fan	Propeller	Cross-fan	Propeller	Cross-fan	Cross-fan	Propeller	Cross-fan	Cross-fan	Propeller	
	Motor	Type	Resin	Still	Resin	Still	Resin	Resin	Still	Resin	Resin	Still	
		Rated output	W	35	35	35	80	35	35	35	35	80	
Heat exchanger			2Row 12Step	2Row 24Step	2Row 12Step	2Row 30Step	2Row 12Step	2Row 24Step	2Row 12Step	2Row 30Step			
Refrigerant control unit			A+B-UNIT : Capillary Tube		A+B-UNIT : Capillary Tube		A,B-UNIT : Capillary Tube			A,B-UNIT : Capillary Tube B/C-UNIT:AUTO EXPANSION VALVE			
Freezer oil capacity			-	360	-	410	410	280	-	410	410	-	
Refrigerant to change(R-22)			A-UNIT:750g/B-UNIT:850g		A-UNIT:1000g/B-UNIT:1000g		A-UNIT:950g,B/C-UNIT:740g			A-UNIT:860g,B/C-UNIT:1,680g			
Protection device			-	MRA12037-12007	-	MRA12030-12008	MRA12030-12008	MST24AMN-12008	-	MRA12030-12008	MRA12030-12008	-	
Standard Conditions			ISO R5151 Standard			ISO R5151 Standard			ISO R5151 Standard				

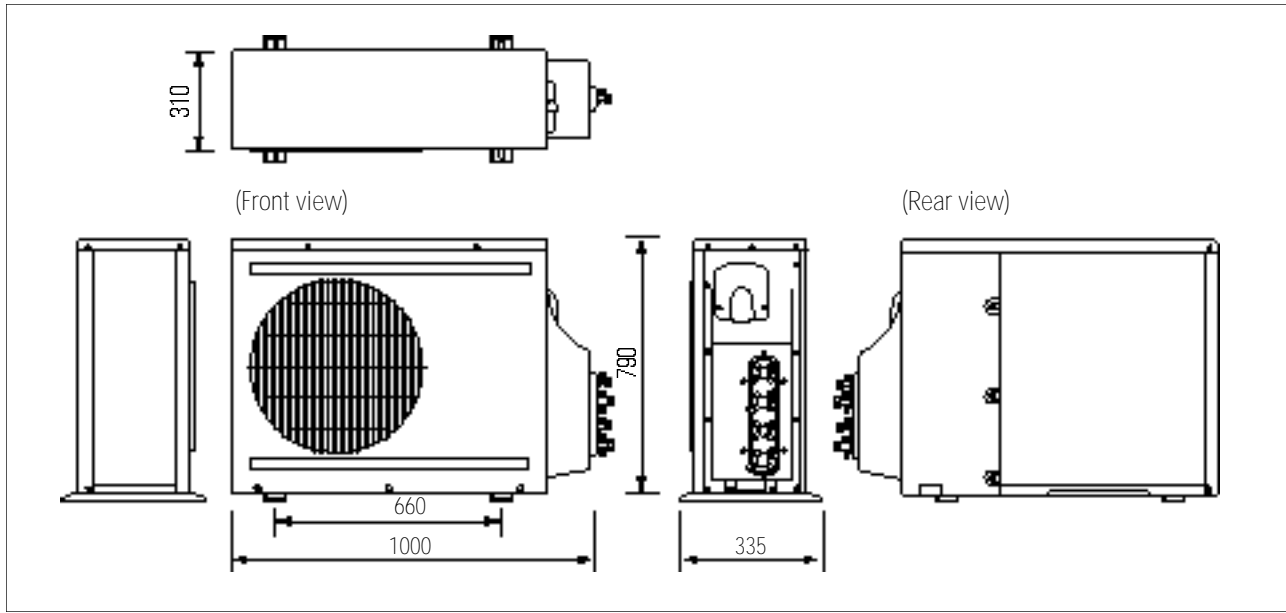
## 2-2 Dimensions

### 2-2-1 Indoor Unit

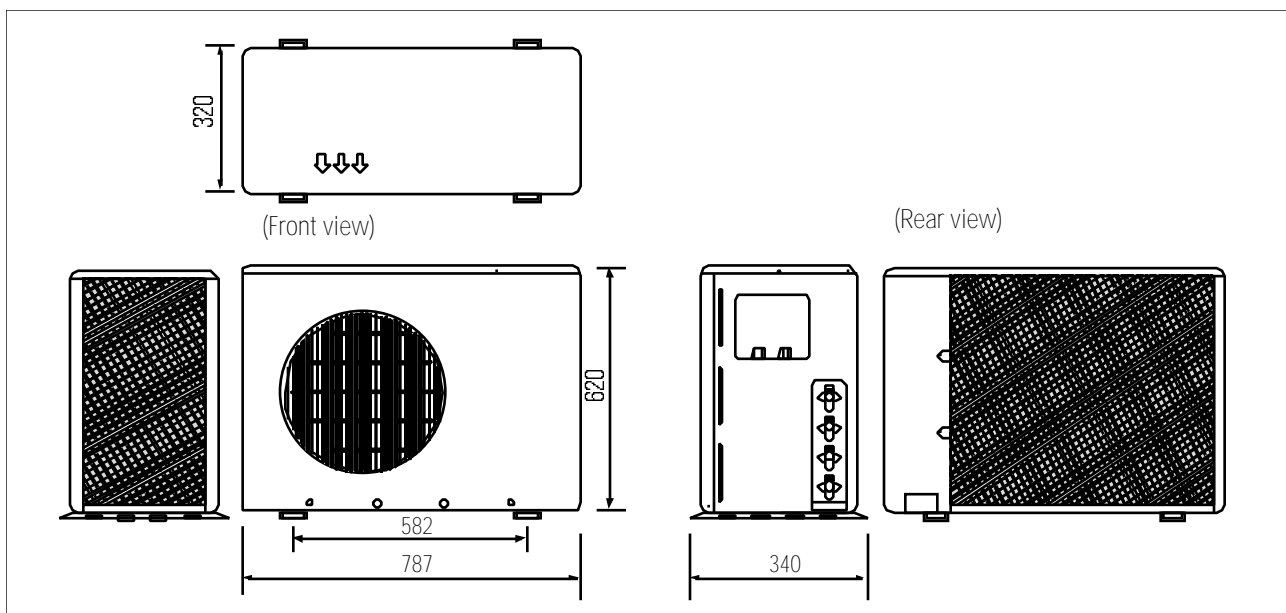


### 2-2-2 Outdoor Unit

2-2-2(a) UD24B1(B2)E2/MH24ZA1(A2)X

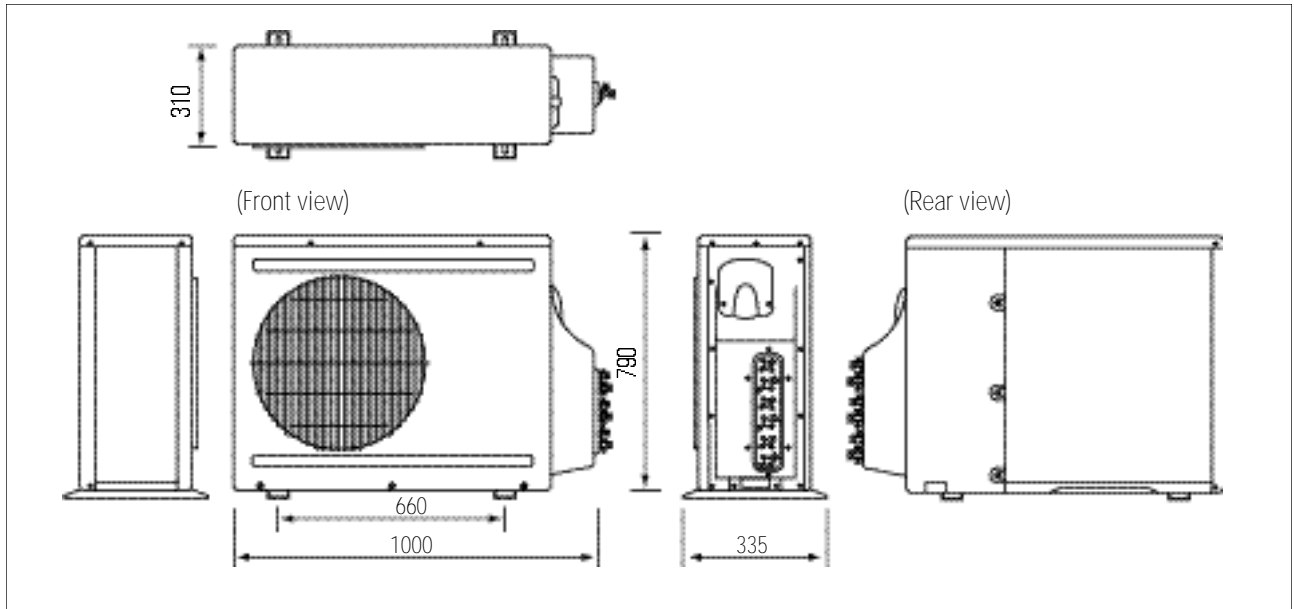


2-2-2(b) UD18B1(B2)E2 /MH18ZA1(A2)X/ UD19B1(B2)E2/MH19ZA1(A2)X



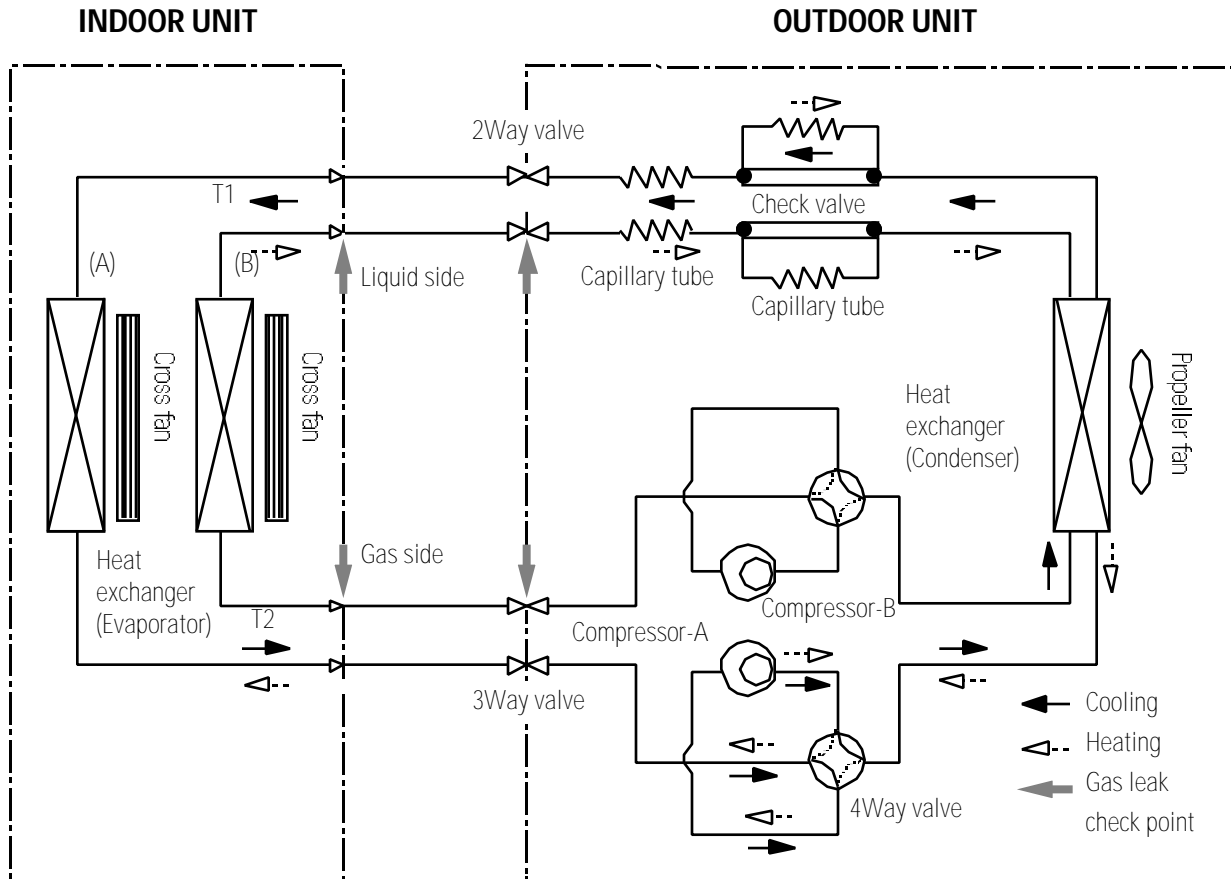
## 2-2-2 Outdoor Unit

2-2-2(c) UD26B1(B2)E3/MH26ZA1(A2)X



## 2-3 Refrigerating Cycle Block Diagram

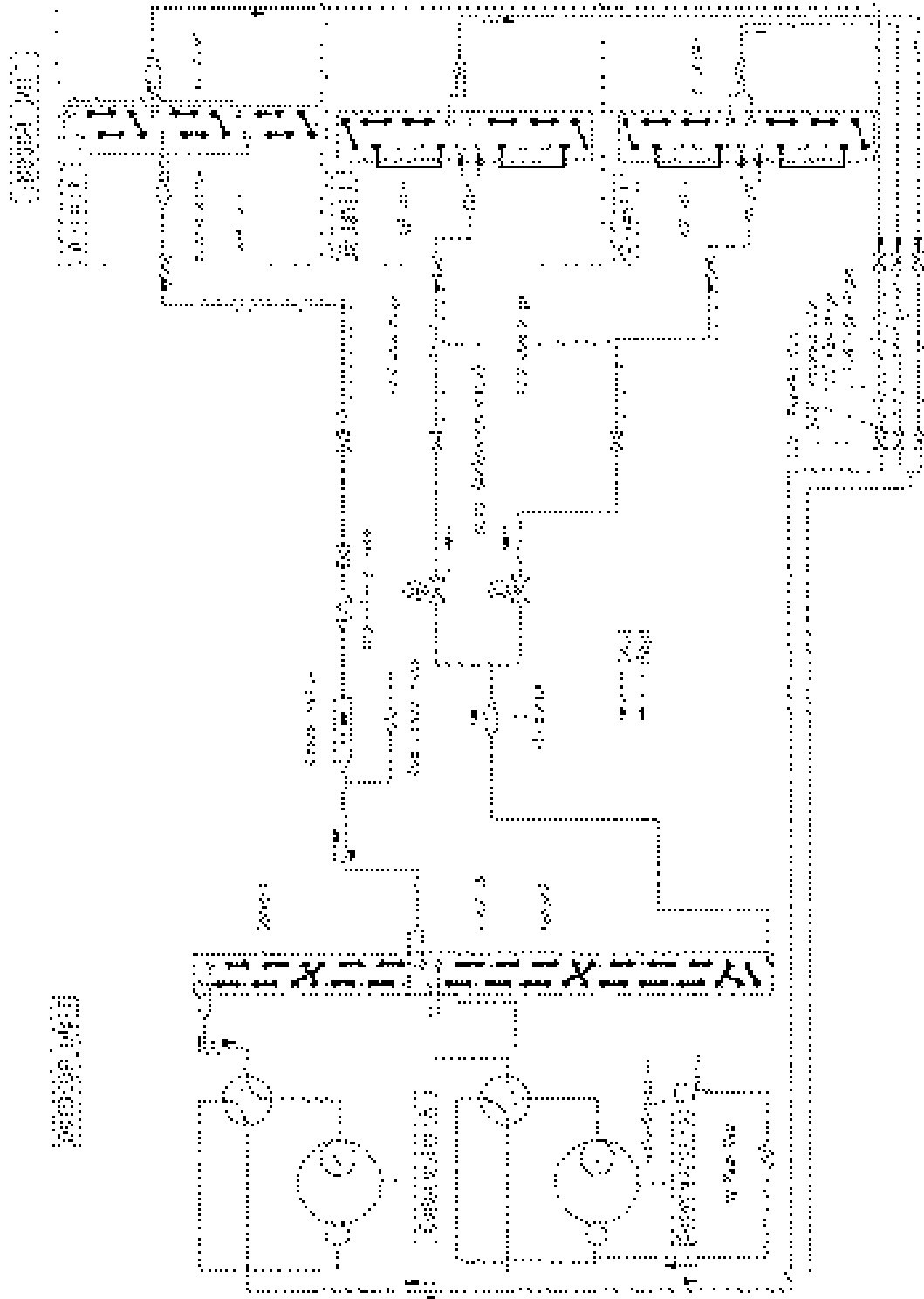
### 2-3-1 UD18B1(B2)E2/ MH18ZA1(A2)X/ UD19B1(B2)E2/ MH19ZA1(A2)X/ UD24B1(B2)E2/ MH24ZA1(A2)X



Refrigerating cycle temperature and pressure

Operating Condition		STD Pressure (kg/cm <sup>2</sup> G) 3-way valve	Piping Temp.(°C)		Temp. Condition (°C)				
			T1	T2	Indoor		Outdoor		
					DB	WB	DB	WB	
Cooling	A or B	Standard	5.0-5.2	11	10	27	19	35	24
		Max over load	5.4-5.6	17	16	32	23	43	26
		Low temp.	3.5-3.7	4	3	21	15	21	15
	A + B	Standard	5.0-5.2	12	10	27	19	35	24
		Max over load	5.4-5.6	17	16	32	23	43	26
		Low temp.	3.5-3.7	4	3	21	15	21	15
Heating	A or B	Standard	17-19	38	59	20	15	7	6
		Max over load	19-25	56	49	27	19	24	18
		Deice	-	-	-	20	12	2	1
	A + B	Standard	17-19	33	55	20	15	7	6
		Max over load	19-25	56	48	27	19	24	18
		Deice	-	-	-	20	12	2	1

### 2-3-2 UD26B1(B2)E3/ MH26ZA1(A2)X



# MEMO