

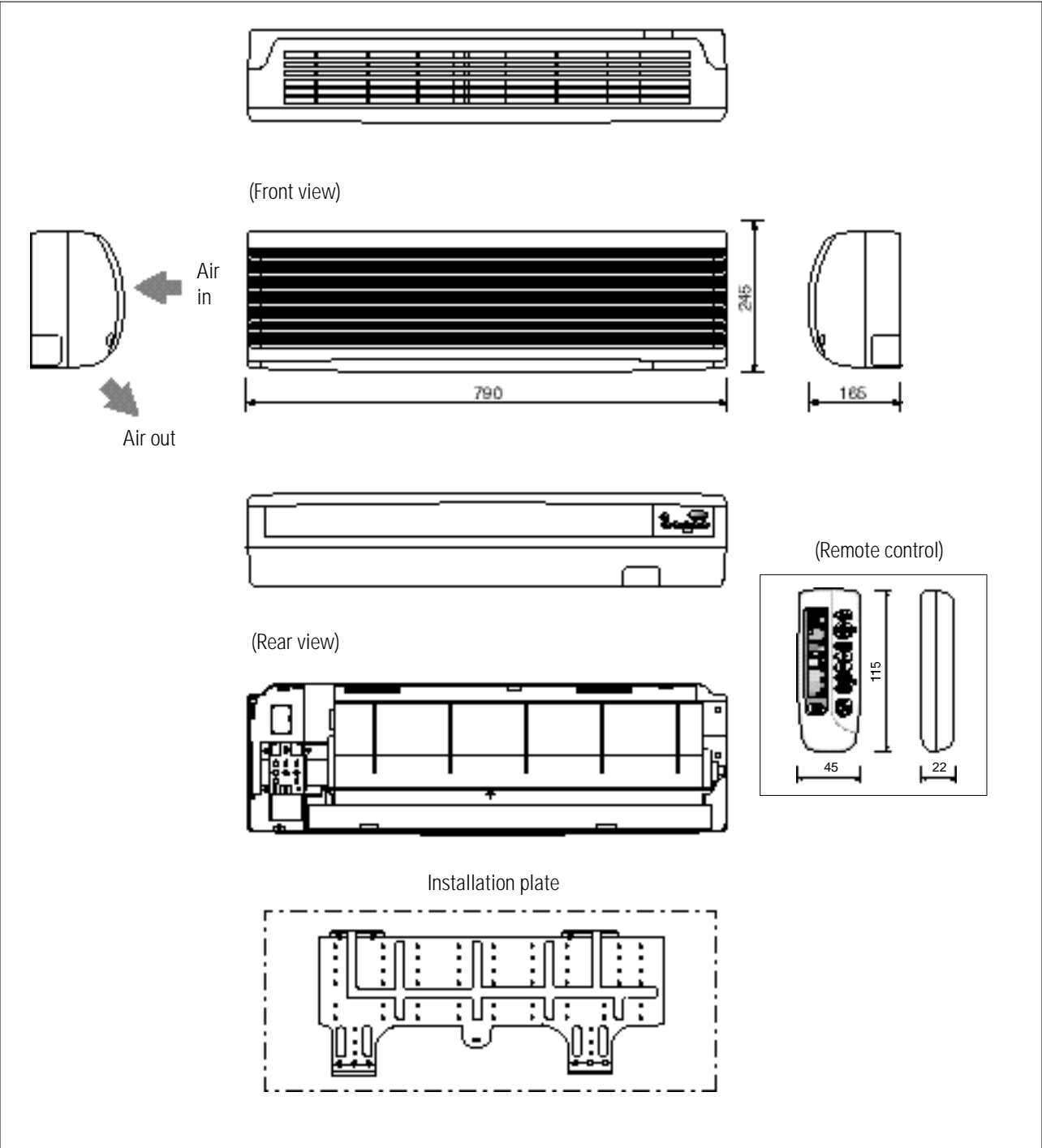
2. Product Specifications

2-1 Table

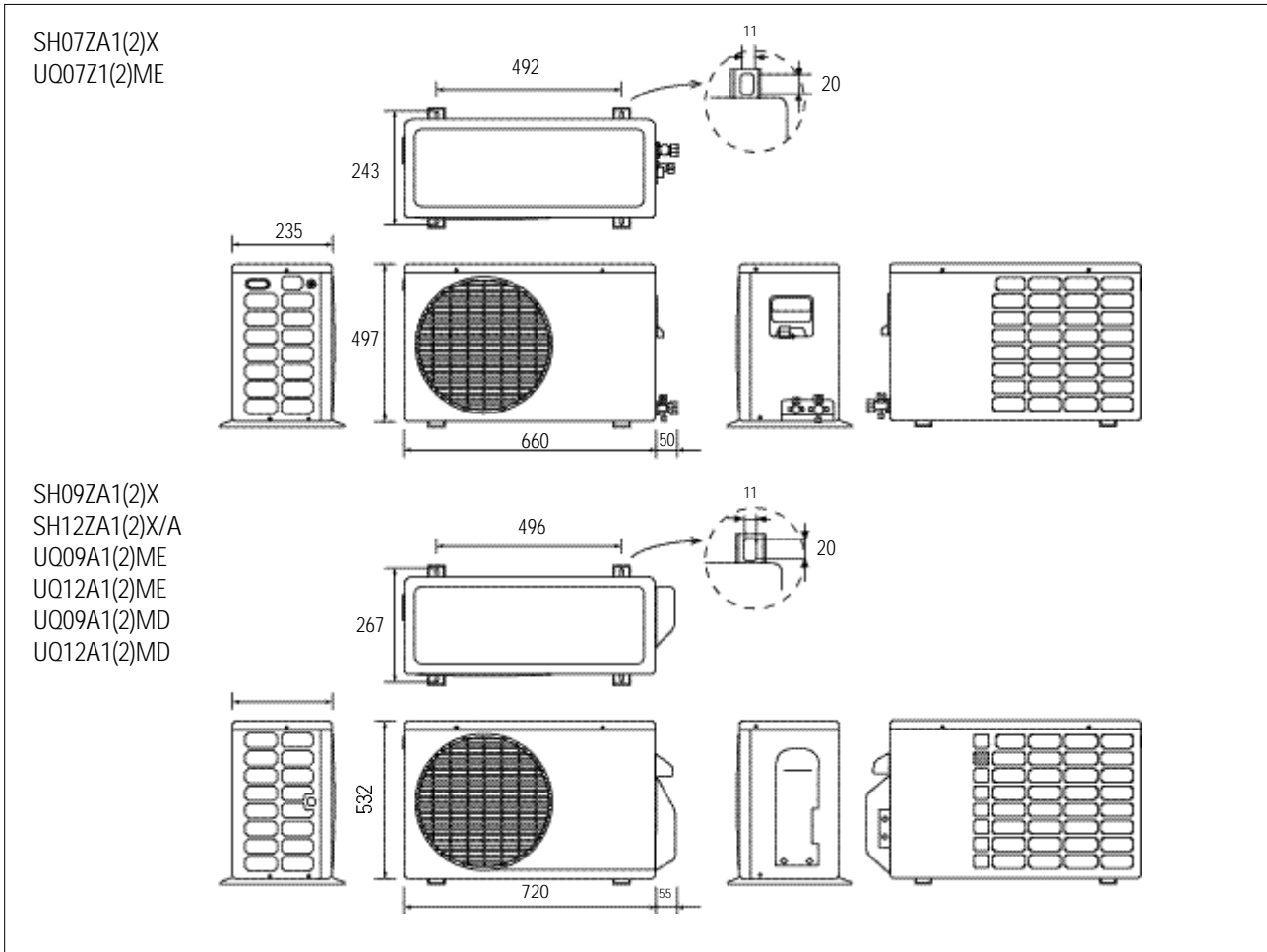
Item			Model	AQ12A3ME		AQ09A3(4)ME/SH09ZA3(4)/SH09ZA3(4)A		AQ07A3(4)ME/SH07ZA3(4)/SH07ZA3(4)A		AQ12A1(2)ME/SH12ZA1(2)/SH12ZA1(2)A		AQ09A1(2)ME/SH09ZA1(2)/SH09ZA1(2)A		AQ07A1(2)ME/SH07ZA1(2)/SH07ZA1(2)A		AQ12A1(2)MD		AQ09A1(2)MD		
				Indoor unit	Outdoor unit	Indoor unit	Outdoor unit	Indoor unit	Outdoor unit	Indoor unit	Outdoor unit	Indoor unit	Outdoor unit	Indoor unit	Outdoor unit	Indoor unit	Outdoor unit	Indoor unit	Outdoor unit	Indoor unit
Type			-		Wall-mounting		Wall-mounting		Wall-mounting		Wall-mounting		Wall-mounting		Wall-mounting		Wall-mounting			
Performance	Cooling		BTU/h		9000		7500		12000		9000		7500		11944(3500W)		8872(2600W)			
	Heating		BTU/h		10000		8000		13,000		10000		8000		12797(3750W)		9896(2900W)			
	Dehumidifying		ℓ/h		1.6		1.9		1.4		1.1		0.9		1.4		1.1			
	Air volume	Cooling	m ³ /min			6.5	20.5	5.3	20.5	7.4	19	6.0	18	5.6	16	7.4	19	6.0	18	
		Heating				7.0	20.5	5.7	20.5	8.1	19	6.7	18	5.9	16	8.1	19	6.7	18	
	Noise	Cooling	dB			35	48	33	47	38	50	35	48	33	47	41	53	38	51	
		Heating				34	47	32	47	38	50	35	48	33	47	41	53	38	51	
	Energy efficiency ratio	Cooling	BTU/h.			9.5		10.0		10.3		9.7		9.6		10.21(2.99w/w)		9.24(2.70w/w)		
Heating					10.8		11.0		10.2		10.9		10.9		9.77(2.86w/w)		10.64(3.11w/w)			
Power			V-Hz		1-220 / 240-50		1-220 / 240-50		1-220 / 240-50		1-220 / 240-50		1-220 / 240-50		1-200 / 220-50		1-200 / 220-50			
Power	Power Consumption	Cooling	W		950		750		1170		930		780		1170		960			
		Heating			930		730		1270		910		730		1310		930			
	Operating Current	Cooling	A		4.2		3.3		5.0		4.1		3.5		5.7		4.5			
		Heating			3.9		3.2		5.4		4.0		3.3		6.3		4.3			
	Power factor	Cooling	%		99.0		98.8		101.7		101.0		96.8		93.3		96.9			
		Heating			103.7		99.2		102.2		101.4		102.3		94.5		98.3			
	Starting current			A	30		30		30		30		30		30		30			
	Power cord	Length		mm											2100		2100			
Number of core wire														3		3				
Fuse capacity			A	250V-10 / 16A		250V-10 / 16A		250V-10 / 16A		250V-10 / 16A		250V-10 / 16A		250V-10 / 16A		250V-10 / 16A				
Size	Outer x Dimension	Width x Height x Depth	mm		790 x 245 x 165	660 x 470 x 242	790 x 245 x 165	660 x 470 x 242	790 x 245 x 165	720 x 532 x 245	790 x 245 x 165	720 x 532 x 245	790 x 245 x 165	660 x 497 x 235	790 x 245 x 165	720 x 532 x 245	790 x 245 x 165	720 x 532 x 245		
			inch		1.1 x 10.0 x 6	6.0 x 18.5 x 9	31.1 x 9.6 x 6.5	6.0 x 18.5 x 9	31.1 x 9.6 x 6.5	28.3 x 21.0 x 9.6	31.1 x 10.0 x 6	28.3 x 21.0 x 9.6	31.1 x 10.0 x 6	25.9 x 19.6 x 9.3	31.1 x 9.6 x 6.5	28.3 x 21.0 x 9.6	31.1 x 10.0 x 6	28.3 x 21.0 x 9.6		
	Weight			7.7	25	7.7	25	8.0	38.0	7.7	32.0	7.7	28.0	8.0	38.0	7.7	32.0			
	Refrigerant pipe	Liquid			ø6.35 x 5		ø6.35 x 5		ø6.35 x 5		ø6.35 x 5		ø6.35 x 5		ø6.35 x 5		ø6.35 x 5			
		GAS			ø9.52 x 5		ø9.52 x 5		ø12.7 x 5		ø9.52 x 5		ø9.52 x 5		ø12.7 x 5		ø9.52 x 5			
	Drain hose			D x L(mm)	ø18 x 2000		ø18 x 2000		ø18 x 2000		ø18 x 2000		ø18 x 2000		ø18 x 2000		ø18 x 2000			
	Compressor	Type			Rotary		Rotary		ROTARY		ROTARY		ROTARY		ROTARY		ROTARY			
		Motor	Type						-	-	-	-	-	-	-	-	-	-		
									1215		985		776		1215		985			
Blower	Type			Cross-flow	Propeller	Cross-flow	Propeller	Cross-flow	Propeller	Cross-flow	Propeller	Cross-flow	Propeller	Cross-flow	Propeller	Cross-flow	Propeller			
	Motor	Type		Resin	steel	Resin	steel	Resin	steel	Resin	steel	Resin	steel	Resin	steel	Resin	steel			
			Rated output	W	15	25	15	25	15	25	15	20	15	20	15	25	15	20		
Heat exchanger					2ROW 12STEP	1ROW 20STEP	2ROW 12STEP	1ROW 20STEP	2ROW 12STEP	2ROW 20STEP	2ROW 12STEP	1ROW 20STEP	2ROW 12STEP	1ROW 18STEP	2ROW 12STEP	2ROW 20STEP	2ROW 12STEP	1ROW 20STEP		
Refrigerant control unit					CAPILLARY TUBE		CAPILLARY TUBE		CAPILLARY TUBE		CAPILLARY TUBE		CAPILLARY TUBE		CAPILLARY TUBE		CAPILLARY TUBE			
Freezer oil capacity					360		360		410		360		360		410		360			
Refrigerant to charge(R-22)					600		600		967		640		630		970		640			
Protection device					MRA 12110-12008		MRA 12086-12008		MRA 12030-12008		MRA 12054-12008		MRA 12086-12008		MRA 98706-12008		MRA 12067-12007			
Cooling test Condition					INDOOR UNIT : DB27°C WB19°C								OUTDOOR UNIT : DB35°C WB24°C							
Maximum operation Condition					INDOOR UNIT : DB32°C WB23°C								OUTDOOR UNIT : DB43°C WB26°C							

2-2 Dimensions

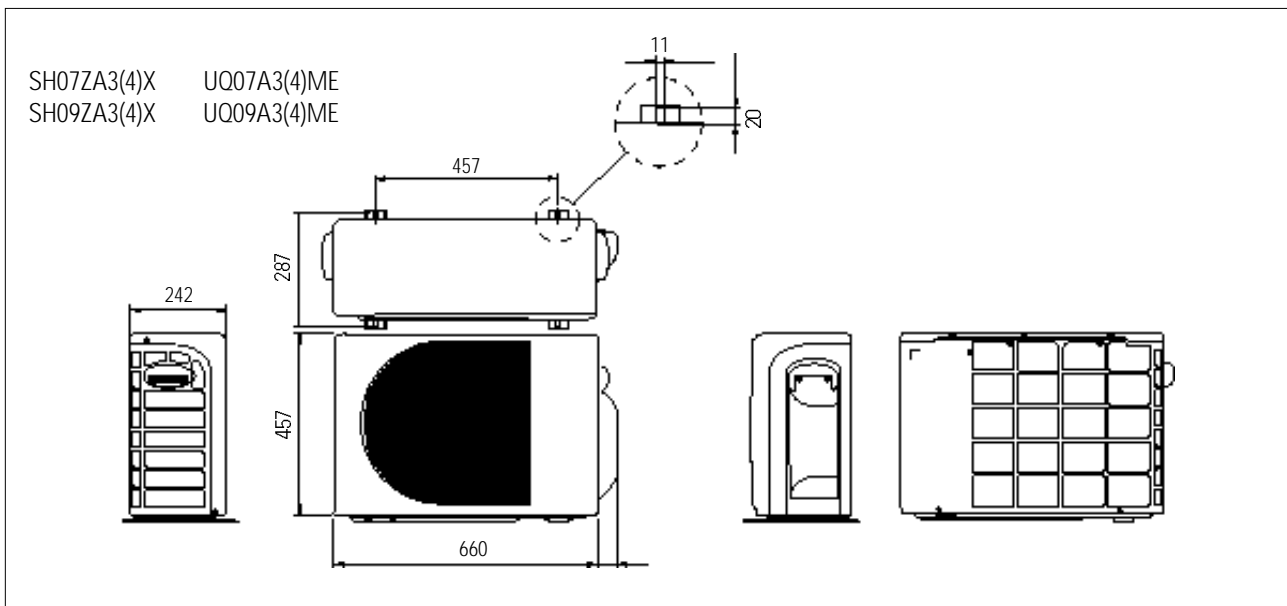
2-2-1 Indoor Unit



2-2-2 Outdoor Unit

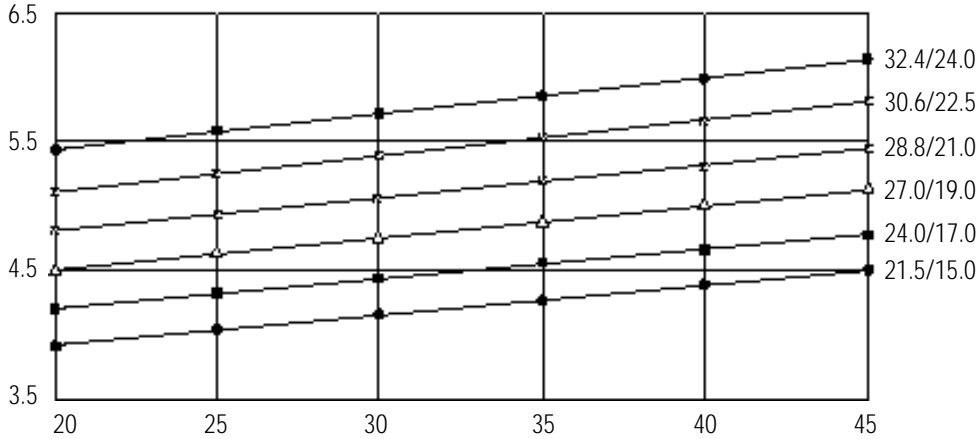


2-2-2 Outdoor Unit

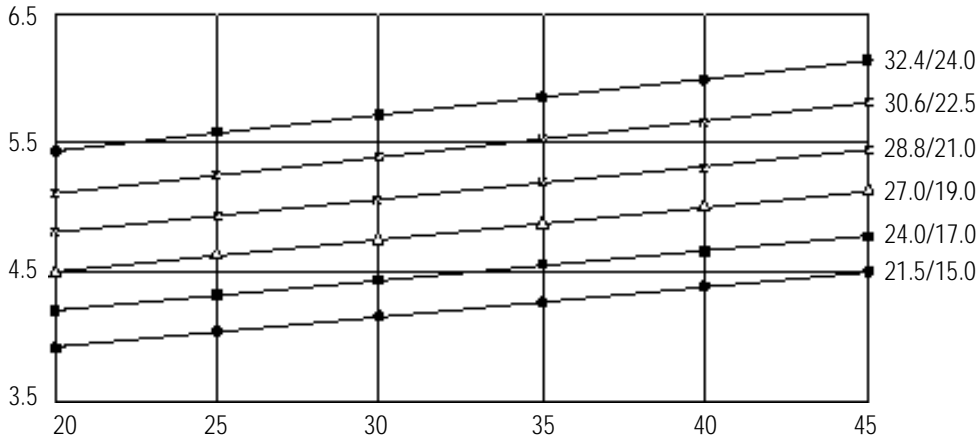


2-3 Pressure Graph

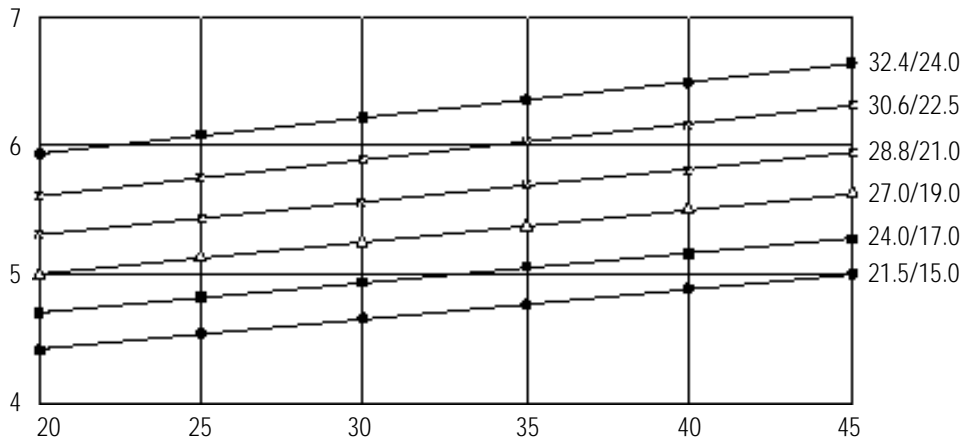
12K BTU



9K BTU



7K BTU



MEMO