



PRODUCT SPECIFICATION NO:

143.D.0046

Model Indoor Unit				EMDB 57		
Model Outdoor Unit				OU12-57T R410A		
Installation method				DUCTED		
Characteristics			Units	Cooling	Heating	
Capacity (1)			Btu/hr	52550	58820	
			kW	15.4	17.25	
Power input (1)			kW	5.60	5.53	
COP (1)			W/W	2.75	3.12	
Energy efficiency class				D	D	
Power supply			V/ Ph /Hz	400/3/50		
Rated current			A	3x12.0	3x11.9	
Starting current			A	61		
Circuit breaker rating			A	3x25		
INDOOR	Fan type & quantity			Centrifugal & 1		
	Fan speeds	H/ M/ L	RPM	1000	840	700
	Air flow (2)	H/ M/ L	m³/hr	2950	2480	2065
	External static pressure	Min-Max	Pa	50 -110		
	Sound power level (3)	H/ M/ L	dB(A)	71.8	68.9	62.3
	Sound pressure level (4)	H/ M/ L	dB(A)	60.2	55.7	51.5
	Moisture removal		L/hr	4.55		
	Condensate drain tube I.D		mm	16		
	Dimensions	W/ H / D	mm	1145	400	685
	Weight		kg	46		
	Package dimensions	W/ H / D	mm	1195	430	720
	Packaged weight		kg	50		
	Units per pallet		Units	8		
	Stacking height		Units	2		
OUTDOOR	Refrigerant control			Capillary		
	Compressor type, model			Scroll		
	Fan type & quantity			Axial & 2		
	Fan speeds	H / L	RPM	860		
	Air flow	H / L	m³/hr	4850		
	Sound power level	H / L	dB(A)	71.0		
	Sound pressure level (4)	H / L	dB(A)	61.3		
	Dimensions	W/ H / D	mm	900	1255	340
	Weight		kg	110		
	Package dimensions	W/ H / D	mm	1000	1405	420
	Packaged weight		kg	120		
	Units per pallet		Units	1		
	Stacking height		Units	1		
	Refrigerant type			R410A		
	Refrigerant chargeless distance		kg/m	3.63 / 15		
	Additional charge per 1 meter		g/m	45		
	Connections between units	Liquid line		In.	1/2	
		Suction line		In.	7/8	
		Max. tubing length		m.	50	
		Max. height difference		m.	25	
Operation control type				LCD Remote Control		
Heating elements			kW			
Others				Crankcase heater (50W), 3 Phase Protector		

(1) Rating conditions in accordance to ISO 5151 and ISO 13253 (for ducted units).

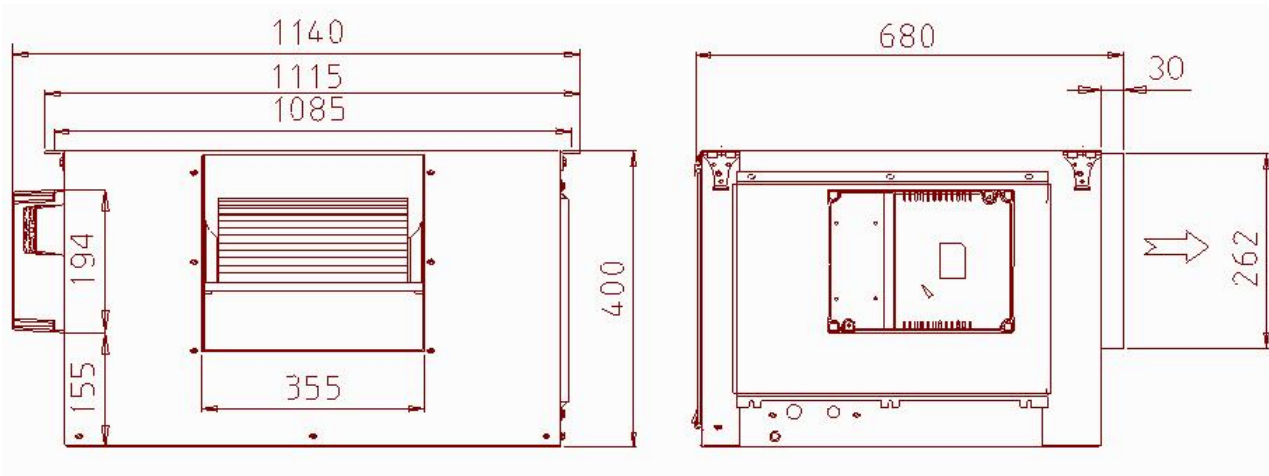
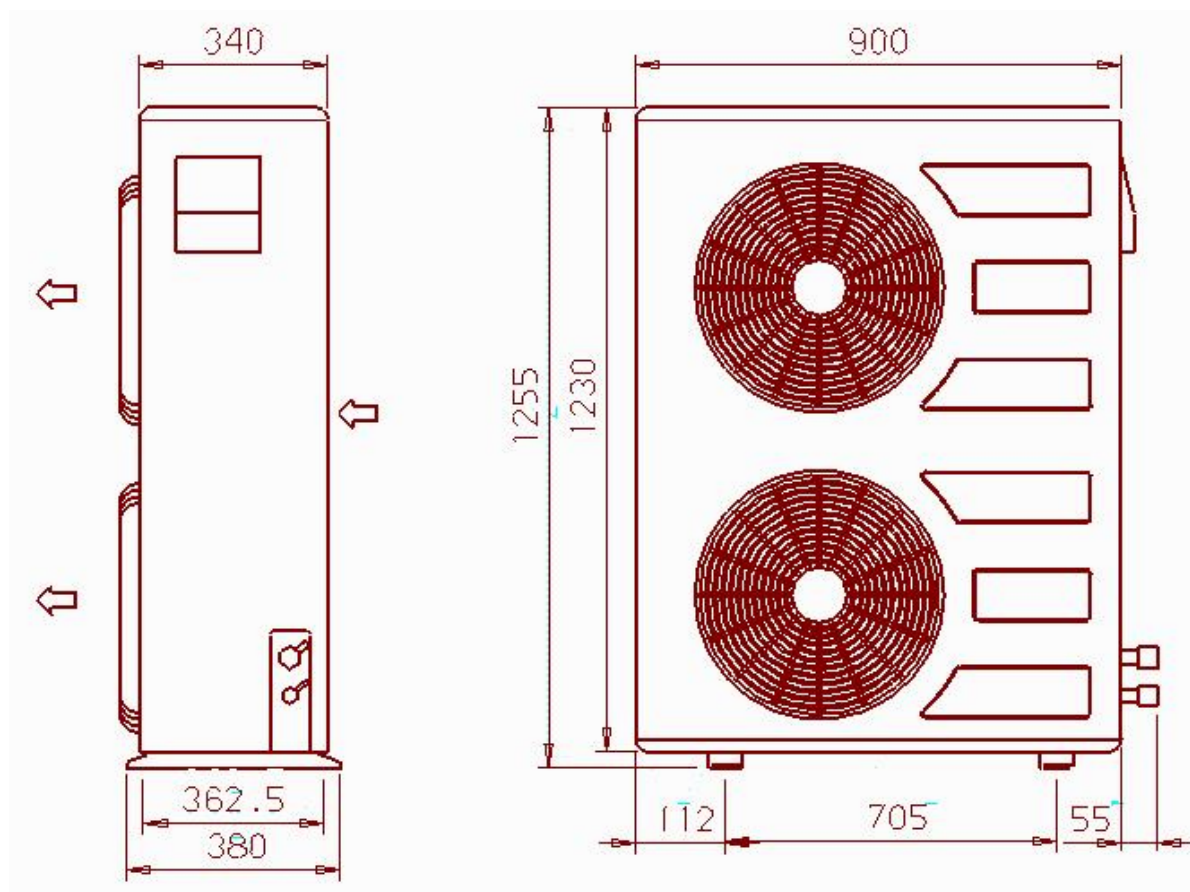
(2) Airflow in ducted units; at nominal external static pressure.

(3) Sound power in ducted units is measured at air discharge.

(4) Sound pressure level measured at 1-meter distance from unit.

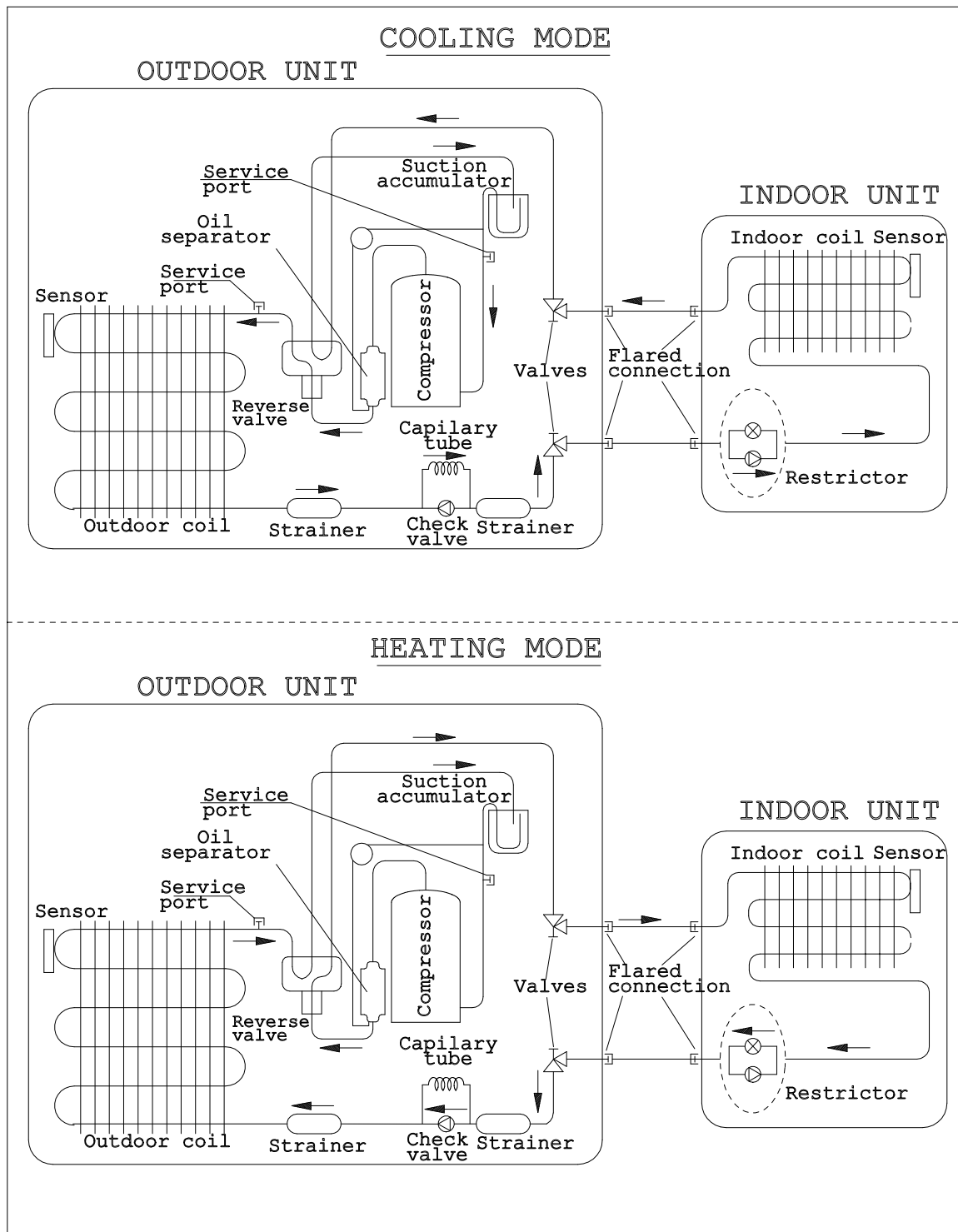


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143.D.0046**OUTLINE DIMENSIONS****INDOOR UNIT****OUTDOOR UNIT**



REFRIGERATION DIAGRAM
HEAT PUMP MODELS



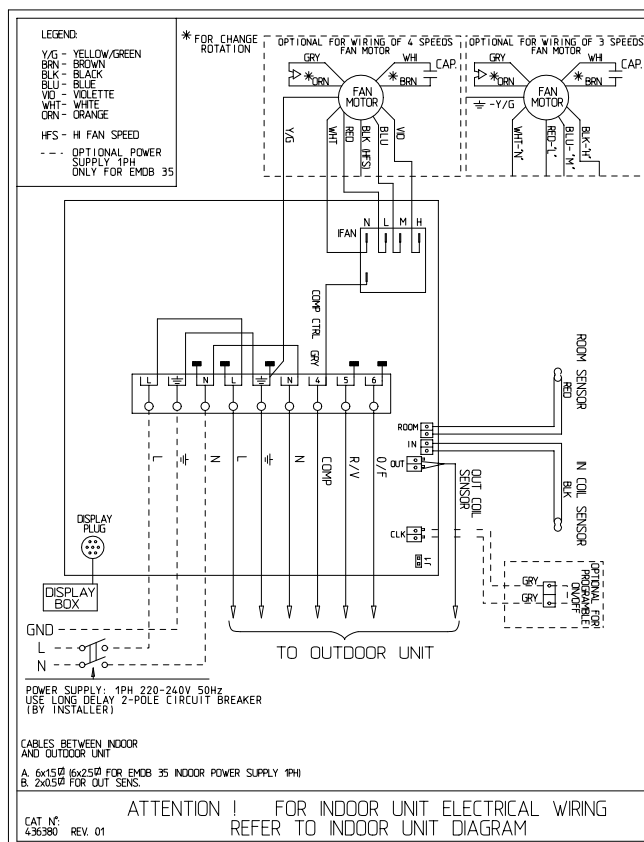


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WIRING DIAGRAM - OUTDOOR POWER SUPPLY

INDOOR



OUTDOOR

