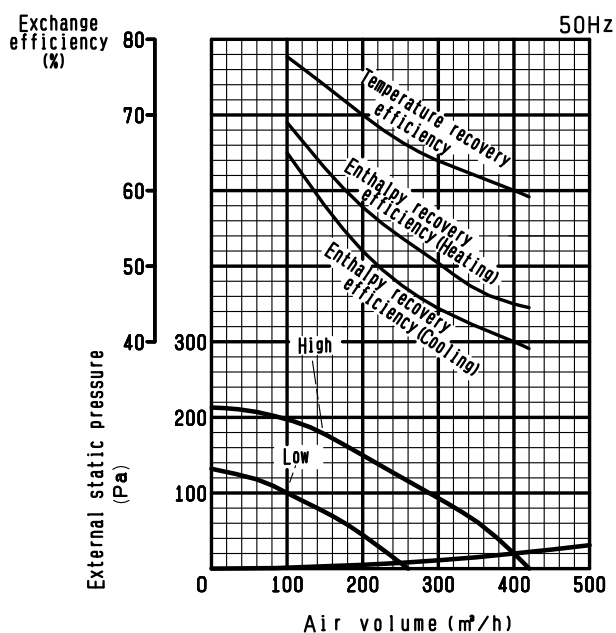
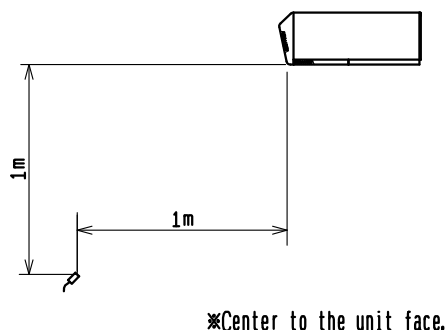


TYPE	CEILING EXPOSED LOSSNAY		VOLUME	
MODEL	LGH-40ES-E		SIGN	
Heat exchange system		Air-to-air total heat (sensible heat + latent heat)exchange		
Heat exchanger material		Partition,spacing plate-special treated paper		
Cladding		Galvanized steel sheet		
Heat insulating material		Self-extinguishing urethane foam		
Motor		Totally enclosed capacitor permanent split-phase induction motor,4 poles,2 units		
Blower		200mm dia.centrifugal fan		
Filter material		Non-woven fabrics filter (Gravitational method 82%)		
Installing environment (Supply air)		-10℃ to +40℃,RH 80% or less		
Functions		Lossnay ventilation High-Low switching		
Weight		(25)Kg		
Power supply		220V-240V~ 50Hz		
Fan speed		High	Low	
Current (A)		0.61-0.62	0.38-0.40	
Power consumption (W)		132-146	82-95	
Air volume (m³/h)		400	250	
External static pressure (Pa)		20	8	
Temperature recovery efficiency (%)		60	66	
Enthalpy recovery efficiency	Heating	45	54	
	Cooling	40	48	
Noise (dB)		41-43	32-34	
Starting current		Under 1.1A less		
Insulation resistance		10MΩ or more (500V megger)		
Dielectric strength		AC 1500V 1 minute		

■ Characteristic curve



■ Noise test point



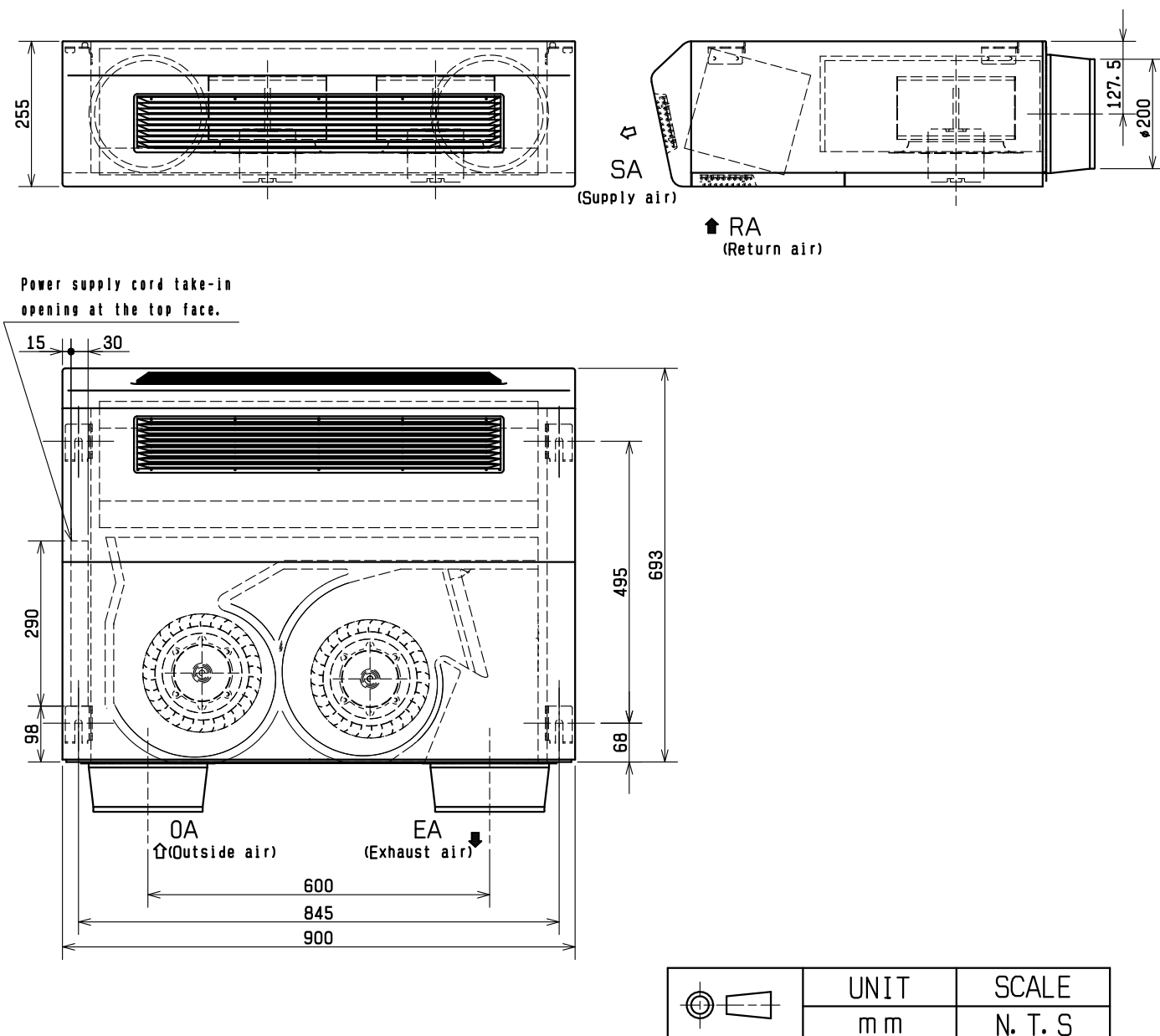
※ Attention

1. Current, power consumption and efficiency are based on the above air flow rate.
2. Fan speed can be switched between high and low.

※Specifications may be subject to change without notice.

SPECIFICATIONS	DATE	TYPE MODEL	CEILING EXPOSED LOSSNAY LGH-40ES-E	
	28-Sep.-05			
		NUMBER	ND102D54A	1/3

■ Outline drawings

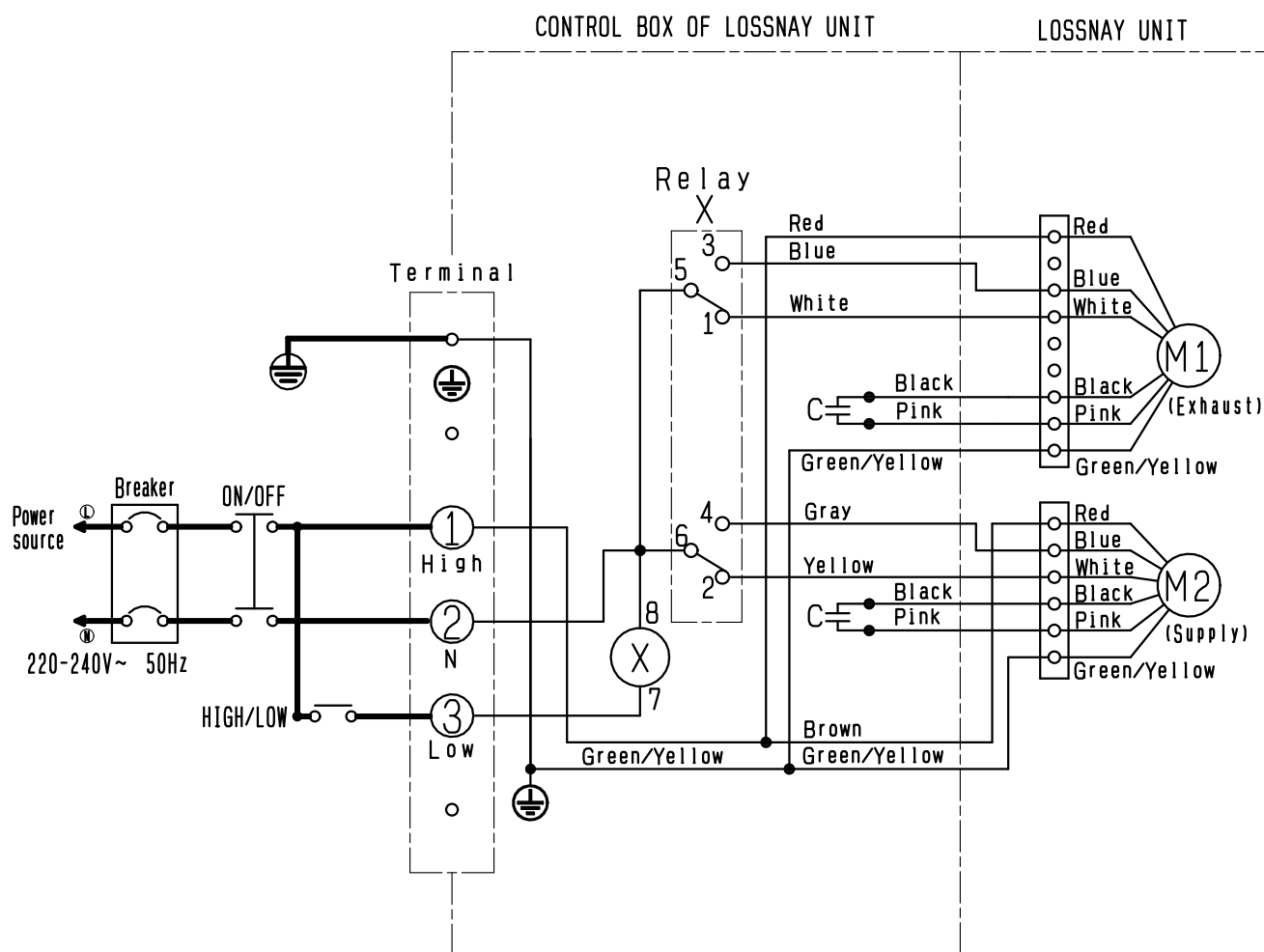


※ Attention

1. The two outdoor ducts must be covered with heat-insulating material in order to prevent condensation from forming.
2. The installation of the outside ducts must be prevented from the entry of rain water. from Lossnay unit.

OUTLINE DRAWINGS	DATE	TYPE MODEL	CEILING EXPOSED LOSSNAY LGH-40ES-E	
	28-Sep.-05			
		NUMBER	ND102D54A	2/3

■ Schematic



※ Attention

1. Connect the wires indicated by the bold lines.
2. Be sure to connect the grounding wire.
3. Breakers and control switches should be provided by the customer.

SCHEMATIC	DATE	TYPE MODEL	CEILING EXPOSED LOSSNAY LGH-40ES-E	
	28-Sep.-05			
MITSUBISHI ELECTRIC CORPORATION		NUMBER	ND102D54A	3/3