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PART NAMES AND FUNCTIONS

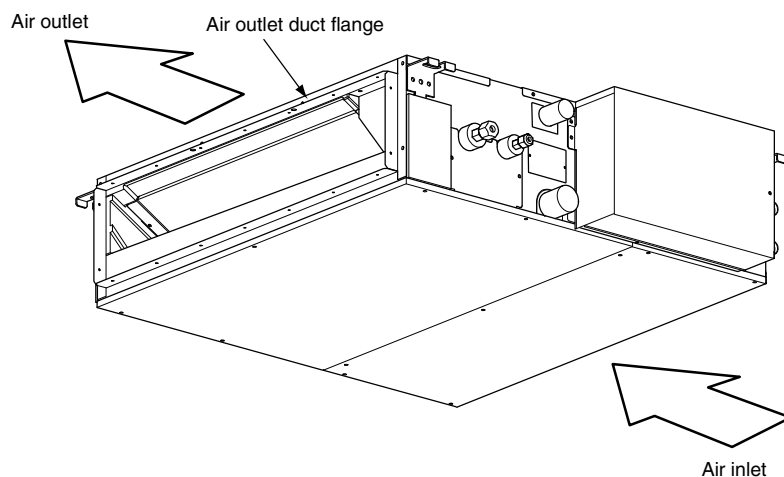
Indoor Unit

SEZ-KD09NA.TH

SEZ-KD12NA.TH

SEZ-KD15NA.TH

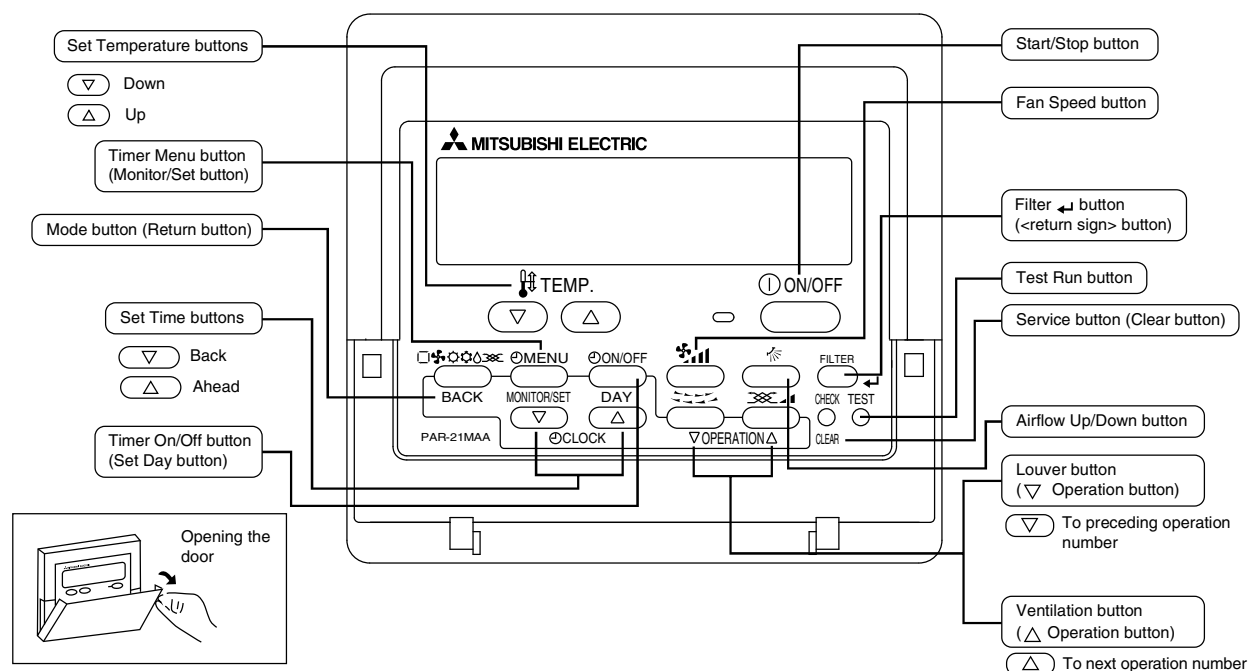
SEZ-KD18NA.TH



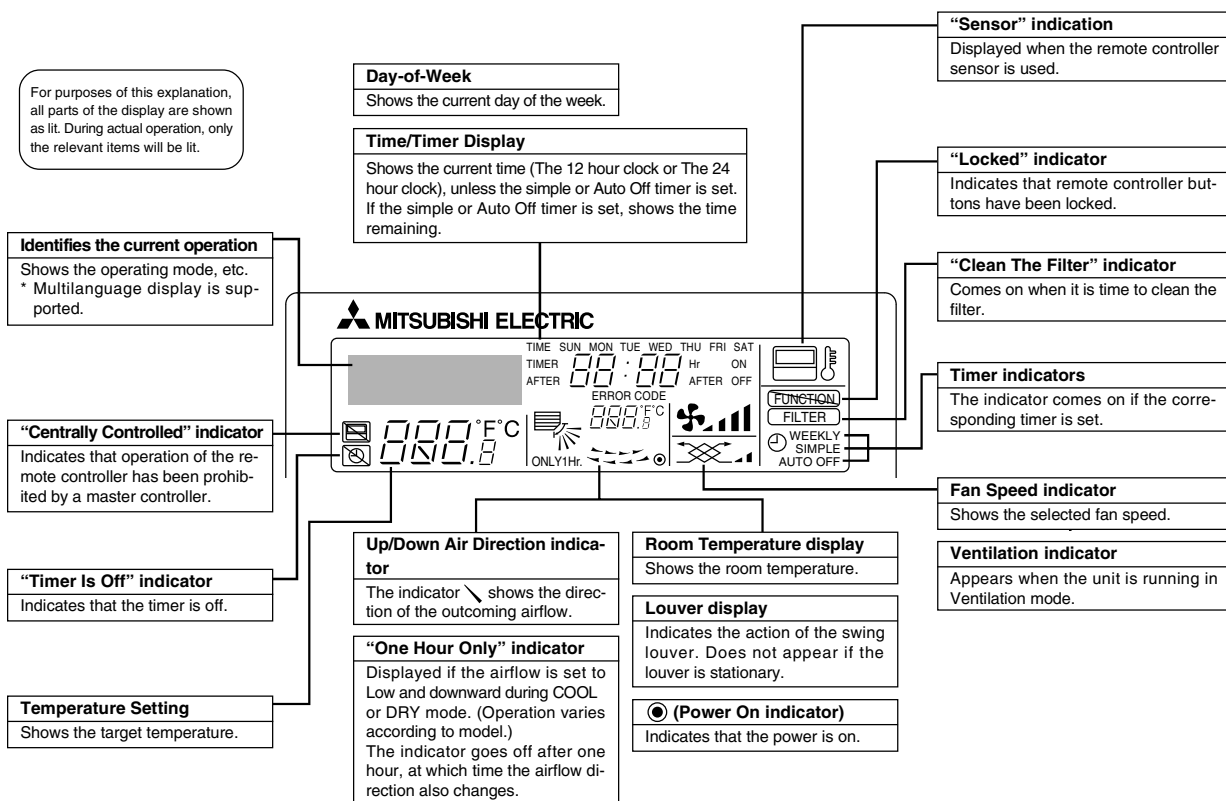
Wired remote controller

Once the controls are set, the same operation mode can be repeated by simply pressing the ON/OFF button.

● Operation buttons



● Display



Caution

- Only the Power on indicator lights when the unit is stopped and power supplied to the unit.
- If you press a button for a feature that is not installed in the indoor unit, the remote controller will display the "Not Available" message.
If you are using the remote controller to operate multiple indoor units, this message will appear only if the feature is not present at the parent unit.
- When power is turned ON for the first time, it is normal that "PLEASE WAIT" is displayed on the room temperature indication (For max. 2minutes). Please wait until this "PLEASE WAIT" indication disappears then start the operation.

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SPECIFICATIONS

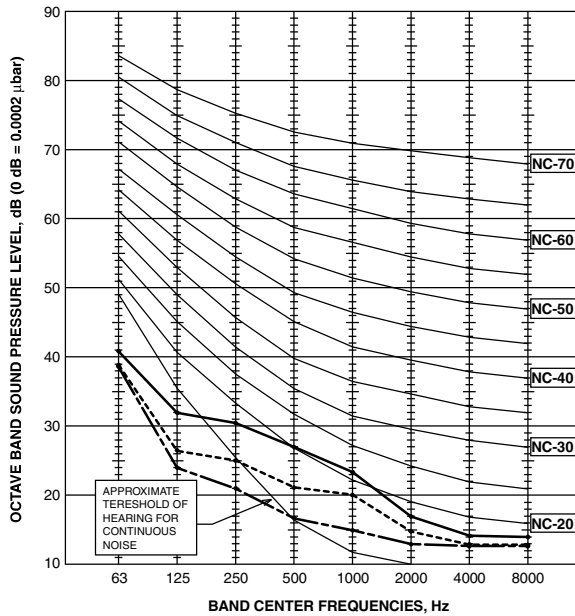
Model Name		SEZ-KD09NA		SEZ-KD12NA		
Capacity		Cooling		Cooling		
		Heating		Heating		
		BTU/h	9000	10900	12000	13600
Power source		208/230V (60Hz)		208/230V (60Hz)		
Power input		kW	0.06	0.04	0.07	0.05
Current		A	0.51	0.39	0.57	0.46
Temperature set range Remote controller		°F(°C)	67 to 86 (19 to 30)	63 to 83 (17 to 28)	67 to 86 (19 to 30)	63 to 83 (17 to 28)
Airflow direction		-		-		
Fan	Type x Quantity		Sirocco fan x 2		Sirocco fan x 2	
	External static press		in.WG(Pa)	0.02-0.06-0.14-0.20 (5-15-35-50)	0.02-0.06-0.14-0.20 (5-15-35-50)	
	Motor type		DC brushless motor		DC brushless motor	
	Motor output		kW	0.096	0.096	
	Driving mechanism		Direct-driven		Direct-driven	
	Airflow rate(Low-Mid-High)		m³/min	5.5-7.0-9.0	7.0-9.0-11.0	
	Airflow rate(Low-Mid-High)		CFM	194-247-317	247-317-388	
Airflow rate(Low-Mid-High)		L/S	91-116-150	116-150-183		
External finish		Galvanized <th colspan="2">Galvanized</th>		Galvanized		
External dimension		mm	200 x 790 x 700	200 x 990 x 700		
H x W x D		In.	7-7/8 x 31-1/8 x 27-9/16	7-7/8 x 39 x 27-9/16		
Net weight		kg	18	21		
Wiring	Min.size of wire		in.(mm)	1/8 (1.6)	1/8 (1.6)	
	Amperage of wire breaker		A	15	15	
Refrigerant piping diameter	Liquid R410A		in.(mm)	ø1/4 (ø6.35) Flare	ø1/4 (ø6.35) Flare	
	Gas R410A		in.(mm)	ø3/8 (ø9.52) Flare	ø3/8 (ø9.52) Flare	
Drain piping diameter		in.(mm)	O.D. 1-9/32 (32)	O.D. 1-9/32 (32)		
Sound level (Low-Mid-High) (measured in anechoic room)		dB<A>	23-26-30	23-28-33		
Insulation material		Polystyrene foam, Polyethylene foam, Urethane foam		Polystyrene foam, Polyethylene foam, Urethane foam		
Air filter		PP Honeycomb fabric (washable)		PP Honeycomb fabric (washable)		
Refrigerant control device		-		-		
Protection devices		Fuse (250V 6.3A)		Fuse (250V 6.3A)		
Heat exchanger		Cross fin (Aluminum fin and copper tube)		Cross fin (Aluminum fin and copper tube)		
Varistor		ERZV10D471		ERZV10D471		
Terminal block		To outdoor unit : 3P To wired remote controller : 2P		To outdoor unit : 3P To wired remote controller : 2P		
Power outlet		A	10	10		
Standard attachment	Document		Installation Manual, Instruction Book		Installation Manual, Instruction Book	
	Accessory		Drain hose (flexible joint), Wired Remote Controller		Drain hose (flexible joint), Wired Remote Controller	
Remark						
Note		1.Cooling/Heating capacity indicates the maximum value at operation under the following condition. <Cooling> Indoor:80°F D.B. / 67°F W.B. (26.7°CD.B. / 19.4°CW.B.) Outdoor:95°F D.B. (35°CD.B.) <Heating> Indoor:70°F D.B. (21.1°CD.B.) Outdoor:47°F D.B. / 43°F W.B. (8.3°CD.B. / 6.1°CW.B.) Pipe length:24-9/16ft (7.5m) Height difference:0ft (0m) 2.Power consumption. Run current at 0.06[in.WG] (15Pa) (external static pressure) 3.Cooling capacity value at 1:1system Heating capacity value at 1:1system				

SOUND CRITERION CURVES

SEZ-KD09NA.TH

External static pressure:
0.02[in.WG](5Pa)

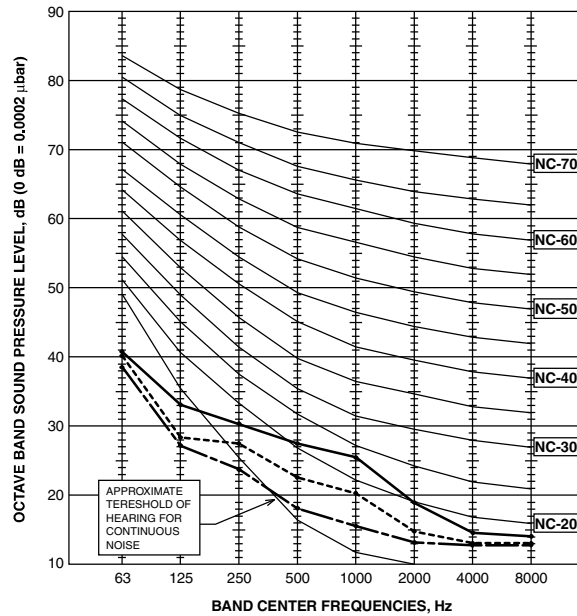
<60Hz>		
NOTCH	SPL(dB)	LINE
High	29	—
Middle	25	----
Low	22	- - -



SEZ-KD09NA.TH

External static pressure:
0.06[in.WG](15Pa)

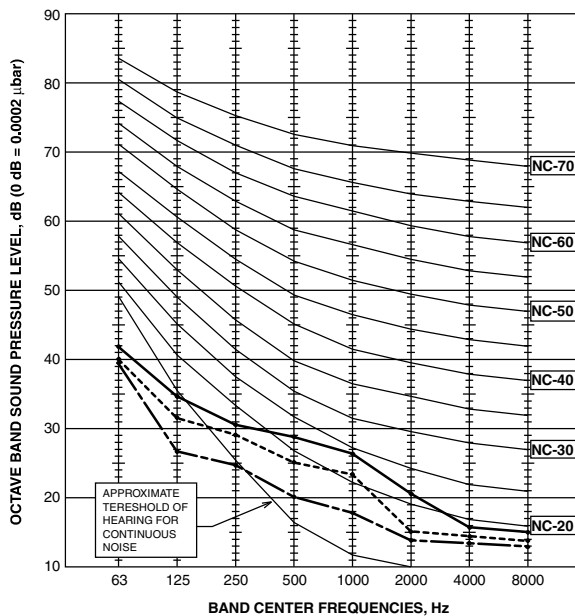
<60Hz>		
NOTCH	SPL(dB)	LINE
High	30	—
Middle	26	----
Low	23	- - -



SEZ-KD09NA.TH

External static pressure:
0.14[in.WG](35Pa)

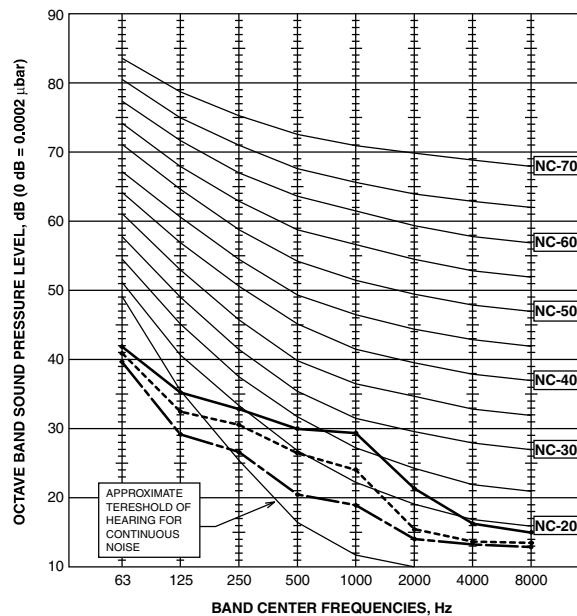
<60Hz>		
NOTCH	SPL(dB)	LINE
High	31	—
Middle	28	----
Low	24	- - -



SEZ-KD09NA.TH

External static pressure:
0.20[in.WG](50Pa)

<60Hz>		
NOTCH	SPL(dB)	LINE
High	33	—
Middle	29	----
Low	25	- - -

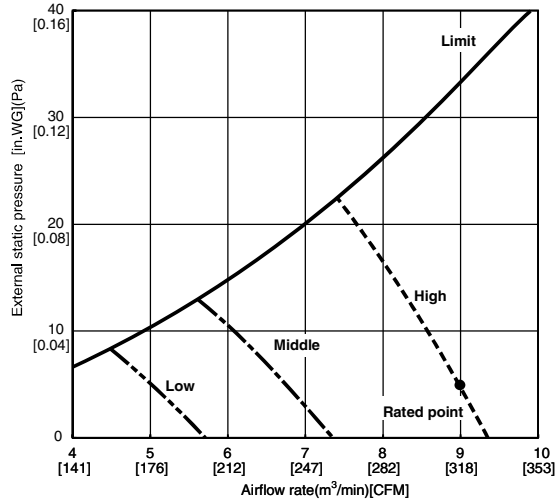


NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

INDOOR FAN PERFORMANCE AND CORRECTED AIR FLOW

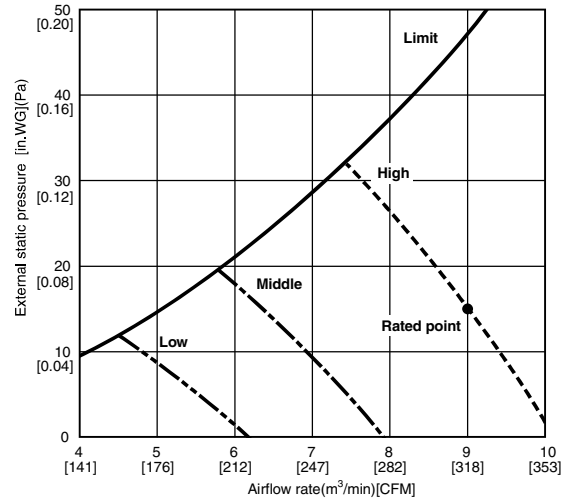
SEZ-KD09NA

(External static pressure 0.02[in.WG](5Pa)) 208/230V 60Hz



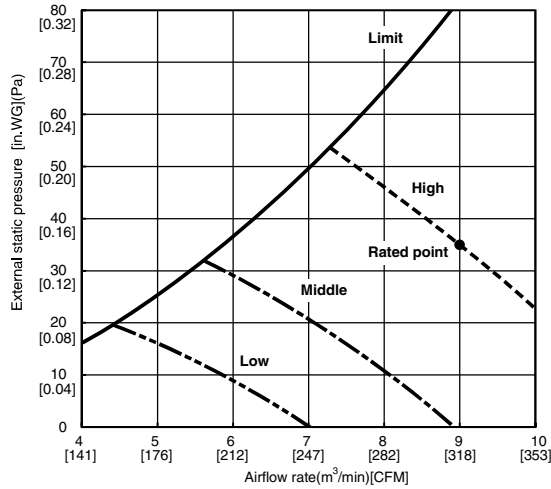
SEZ-KD09NA

(External static pressure 0.06[in.WG](15Pa)) 208/230V 60Hz



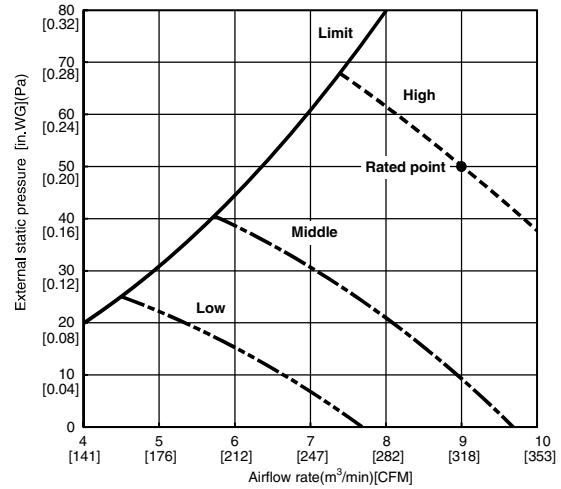
SEZ-KD09NA

(External static pressure 0.14[in.WG](35Pa)) 208/230V 60Hz



SEZ-KD09NA

(External static pressure 0.20[in.WG](50Pa)) 208/230V 60Hz

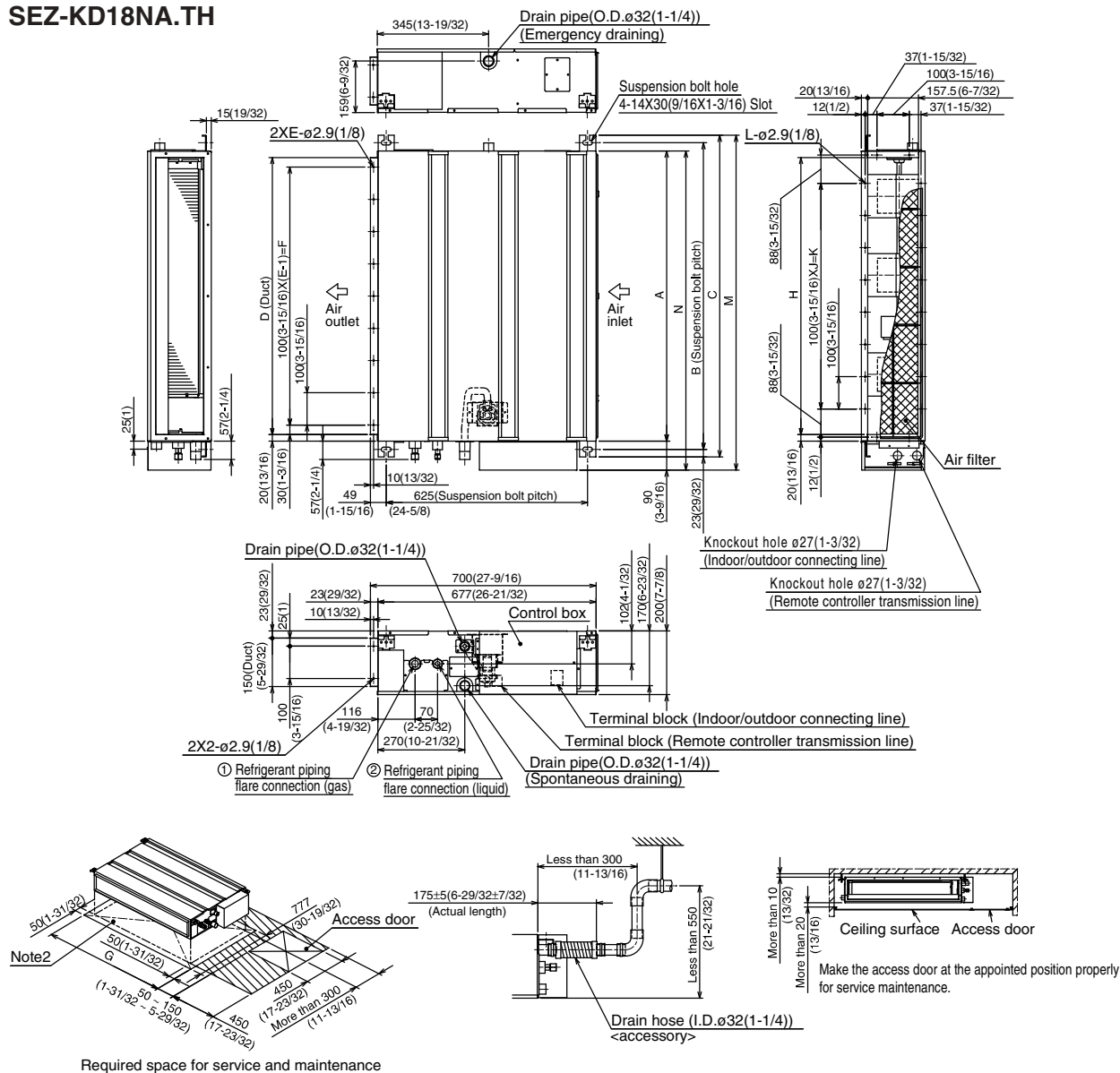


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OUTLINES AND DIMENSIONS

SEZ-KD09NA.TH
SEZ-KD12NA.TH
SEZ-KD15NA.TH
SEZ-KD18NA.TH

Unit : mm(in.)



Required space for service and maintenance

Model	A	B	C	D	E	F	G	H	J	K	L	M	N	① Gas pipe	② Liquid pipe
SEZ-KD09NA	700 (27-9/16)	752 (29-3/8)	798 (31-7/16)	660 (26)	7	600 (23-5/8)	800 (31-1/2)	660 (26)	5	500 (19-11/16)	16	839 (33-1/16)	790 (31-1/8)	ø9.52(3/8)	ø6.35(1/4)
SEZ-KD12NA	900 (35-7/16)	952 (37-1/2)	998 (39-5/16)	860 (33-7/8)	9	800 (31-1/2)	1000 (39-3/8)	860 (33-7/8)	7	700 (27-9/16)	20	1039 (40-29/32)	990 (39)		
SEZ-KD15NA															
SEZ-KD18NA	1100 (43-5/16)	1152 (45-3/8)	1198 (47-3/16)	1060 (41-3/4)	11	1000 (39-3/8)	1200 (47-1/4)	1060 (41-3/4)	9	900 (35-7/16)	24	1239 (48-25/32)	1190 (46-7/8)	ø12.7(1/2)	

- Note1. Use M10 screw for the suspension bolt (field supply).
 2. Keep the service space for the maintenance at the bottom.
 3. This chart indicates for SEZ-KD15NA model, which has 3 fans.
 SEZ-KD09, 12NA models have 2 fans.
 SEZ-KD18NA models have 4 fans.
 4. In case an inlet duct is used, remove the air filter (supply with the unit), then install the filter (field supply) at suction side.