

FXSQ-PAVE

Middle Static Pressure

Ceiling Mounted Duct Type

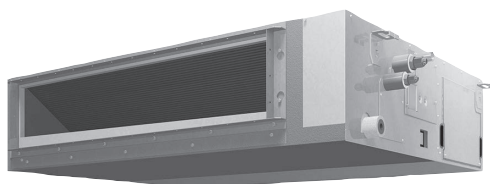
60 Hz

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1. Lineup

Capacity range	2.2 kW	2.8 kW	3.6 kW	4.5 kW	5.6 kW	7.1 kW	9.0 kW	11.2 kW	14.0 kW	16.0 kW
	0.8 HP	1 HP	1.25 HP	1.6 HP	2 HP	2.5 HP	3.2 HP	4 HP	5 HP	6 HP
Capacity index	20	25	31.25	40	50	62.5	80	100	125	140
FXSQ	20PAVE	25PAVE	32PAVE	40PAVE	50PAVE	63PAVE	80PAVE	100PAVE	125PAVE	140PAVE

VE : 1 phase, 220-240/220 V, 50/60 Hz



2. Specifications

Model				FXSQ20PAVE	FXSQ25PAVE
Power supply				1 phase, 220-240/220 V, 50/60 Hz	1 phase, 220-240/220 V, 50/60 Hz
★1 ★3 Cooling capacity			kcal/h	1,900	2,400
			Btu/h	7,500	9,600
			kW	2.2	2.8
★2 ★3 Heating capacity			kcal/h	2,200	2,800
			Btu/h	8,500	10,900
			kW	2.5	3.2
★7 Power input	Cooling	50 Hz	kW	0.058	0.058
		60 Hz	kW	0.058	0.058
	Heating	50 Hz	kW	0.053	0.053
		60 Hz	kW	0.053	0.053
Casing / Colour				Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)			mm	245×550×800	245×550×800
Coil (Cross fin coil)	Rows × Stages × Fin pitch		mm	2×26×1.4	2×26×1.4
	Face area		m²	0.124	0.124
Fan	Model			—	—
	Type			Sirocco fan	Sirocco fan
	Motor output × Number of units		W	78×1	78×1
	Airflow rate (H/M/L)	m³/min	9/7.5/6.5	9/7.5/6.5	
		l/s	150/125/108	150/125/108	
		cfm	318/265/230	318/265/230	
	External static pressure		Pa	Rated 50 (150-30 ★4)	Rated 50 (150-30 ★4)
	Drive			Direct drive	Direct drive
Temperature control				Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Air filter				— ★5	— ★5
Piping connections	Liquid pipes		mm	φ6.4 (Flare connection)	φ6.4 (Flare connection)
	Gas pipes		mm	φ12.7 (Flare connection)	φ12.7 (Flare connection)
	Drain pipe		mm	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)
Mass			kg	25	25
★6 Sound pressure level (H/M/L)			dB(A)	33/30/28	33/30/28
Sound power level (H)			dB	61	61
Safety devices				Fuse, Fan driver overload protector	Fuse, Fan driver overload protector
Refrigerant control				Electronic expansion valve	Electronic expansion valve
Standard accessories				Operation manual, Installation manual, Drain hose, Sealing material, Clamps, Washers, Screws, Thermal insulation, Hose band, Air discharge flange, Air suction flange	Operation manual, Installation manual, Drain hose, Sealing material, Clamps, Washers, Screws, Thermal insulation, Hose band, Air discharge flange, Air suction flange
Drawing No.	Specification			C: 3D105249B	C: 3D105249B
	Sound level			C: 4D095804B	C: 4D095804B

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Rated external static pressure / Equivalent piping length: 7.5 m, level difference: 0 m.
- ★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Rated external static pressure / Equivalent piping length: 7.5 m, level difference: 0 m.
- ★3. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
- ★4. External static pressure is changeable in 13 stages (20-40 class), 11 stages (50-125 class), 10 stages (140 class) by remote controller.
- ★5. Air filter is not standard accessory, but please mount it in the duct system of the suction side. Select its dust collection efficiency (gravity method) 50% or more.
- ★6. Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- ★7. Power input values are based on conditions of rated external static pressure.
- 8. Refer to **Electric Characteristics** for the power input when the airflow rate is maximum at maximum external static pressure.

Conversion formulae

kcal/h=kW×860
 Btu/h=kW×3412
 cfm=m³/min×35.3
 l/s=m³/min×1000/60

Model				FXSQ32PAVE	FXSQ40PAVE
Power supply				1 phase, 220-240/220 V, 50/60 Hz	1 phase, 220-240/220 V, 50/60 Hz
★1 ★3 Cooling capacity			kcal/h	3,100	3,900
			Btu/h	12,300	15,400
			kW	3.6	4.5
★2 ★3 Heating capacity			kcal/h	3,400	4,300
			Btu/h	13,600	17,100
			kW	4.0	5.0
★7 Power input	Cooling	50 Hz	kW	0.066	0.101
		60 Hz	kW	0.066	0.101
	Heating	50 Hz	kW	0.061	0.096
		60 Hz	kW	0.061	0.096
Casing / Colour				Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)			mm	245×550×800	245×700×800
Coil (Cross fin coil)	Rows × Stages × Fin pitch		mm	3×26×1.4	2×26×1.4
	Face area		m²	0.124	0.178
Fan	Model			—	—
	Type			Sirocco fan	Sirocco fan
	Motor output × Number of units		W	78×1	130×1
	Airflow rate (H/M/L)	m³/min	9.5/8/7	15/12.5/10.5	
		l/s	158/133/116	250/208/175	
		cfm	335/282/247	530/441/371	
	External static pressure		Pa	Rated 50 (150-30 ★4)	Rated 50 (150-30 ★4)
	Drive			Direct drive	Direct drive
Temperature control				Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Air filter				— ★5	— ★5
Piping connections	Liquid pipes		mm	φ6.4 (Flare connection)	φ6.4 (Flare connection)
	Gas pipes		mm	φ12.7 (Flare connection)	φ12.7 (Flare connection)
	Drain pipe		mm	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)
Mass			kg	25	27
★6 Sound pressure level (H/M/L)			dB(A)	34/32/30	36/33/30
Sound power level (H)			dB	62	64
Safety devices				Fuse, Fan driver overload protector	Fuse, Fan driver overload protector
Refrigerant control				Electronic expansion valve	Electronic expansion valve
Standard accessories				Operation manual, Installation manual, Drain hose, Sealing material, Clamps, Washers, Screws, Thermal insulation, Hose band, Air discharge flange, Air suction flange	Operation manual, Installation manual, Drain hose, Sealing material, Clamps, Washers, Screws, Thermal insulation, Hose band, Air discharge flange, Air suction flange
Drawing No.	Specification			C: 3D105249B	C: 3D105249B
	Sound level			C: 4D095805B	C: 4D095806B

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Rated external static pressure / Equivalent piping length: 7.5 m, level difference: 0 m.
- ★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Rated external static pressure / Equivalent piping length: 7.5 m, level difference: 0 m.
- ★3. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
- ★4. External static pressure is changeable in 13 stages (20-40 class), 11 stages (50-125 class), 10 stages (140 class) by remote controller.
- ★5. Air filter is not standard accessory, but please mount it in the duct system of the suction side. Select its dust collection efficiency (gravity method) 50% or more.
- ★6. Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- ★7. Power input values are based on conditions of rated external static pressure.
- 8. Refer to **Electric Characteristics** for the power input when the airflow rate is maximum at maximum external static pressure.

Conversion formulae

$$\begin{aligned}
 \text{kcal/h} &= \text{kW} \times 860 \\
 \text{Btu/h} &= \text{kW} \times 3412 \\
 \text{cfm} &= \text{m}^3/\text{min} \times 35.3 \\
 \text{l/s} &= \text{m}^3/\text{min} \times 1000/60
 \end{aligned}$$

Model				FXSQ50PAVE		FXSQ63PAVE	
Power supply				1 phase, 220-240/220 V, 50/60 Hz		1 phase, 220-240/220 V, 50/60 Hz	
★1 ★3 Cooling capacity			kcal/h	4,800		6,100	
			Btu/h	19,100		24,200	
			kW	5.6		7.1	
★2 ★3 Heating capacity			kcal/h	5,400		6,900	
			Btu/h	21,500		27,300	
			kW	6.3		8.0	
★7 Power input	Cooling	50 Hz	kW	0.075		0.106	
		60 Hz	kW	0.075		0.106	
	Heating	50 Hz	kW	0.070		0.101	
		60 Hz	kW	0.070		0.101	
Casing / Colour				Galvanized steel plate		Galvanized steel plate	
Dimensions: (H×W×D)			mm	245×1,000×800		245×1,000×800	
Coil (Cross fin coil)	Rows × Stages × Fin pitch		mm	2×26×1.4		2×26×1.4	
	Face area		m²	0.288		0.288	
Fan	Model			—		—	
	Type			Sirocco fan		Sirocco fan	
	Motor output × Number of units		W	230×1		230×1	
	Airflow rate (H/M/L)	m³/min	17/14.5/11.5		21/17.5/14.5		
		l/s	283/242/192		350/292/242		
		cfm	600/512/406		741/618/512		
	External static pressure		Pa	Rated 50 (150-50 ★4)		Rated 50 (150-50 ★4)	
	Drive			Direct drive		Direct drive	
Temperature control				Microprocessor thermostat for cooling and heating		Microprocessor thermostat for cooling and heating	
Air filter				— ★5		— ★5	
Piping connections	Liquid pipes		mm	φ6.4 (Flare connection)		φ9.5 (Flare connection)	
	Gas pipes		mm	φ12.7 (Flare connection)		φ15.9 (Flare connection)	
	Drain pipe		mm	VP25 (External dia. 32 Internal dia. 25)		VP25 (External dia. 32 Internal dia. 25)	
Mass			kg	35		35	
★6 Sound pressure level (H/M/L)			dB(A)	34/32/29		36/32/29	
Sound power level (H)			dB	62		64	
Safety devices				Fuse, Fan driver overload protector		Fuse, Fan driver overload protector	
Refrigerant control				Electronic expansion valve		Electronic expansion valve	
Standard accessories				Operation manual, Installation manual, Drain hose, Sealing material, Clamps, Washers, Screws, Thermal insulation, Hose band, Air discharge flange, Air suction flange		Operation manual, Installation manual, Drain hose, Sealing material, Clamps, Washers, Screws, Thermal insulation, Hose band, Air discharge flange, Air suction flange	
Drawing No.	Specification			C: 3D105249B		C: 3D105249B	
	Sound level			C: 4D095807B		C: 4D095808B	

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Rated external static pressure / Equivalent piping length: 7.5 m, level difference: 0 m.
- ★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Rated external static pressure / Equivalent piping length: 7.5 m, level difference: 0 m.
- ★3. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
- ★4. External static pressure is changeable in 13 stages (20-40 class), 11 stages (50-125 class), 10 stages (140 class) by remote controller.
- ★5. Air filter is not standard accessory, but please mount it in the duct system of the suction side. Select its dust collection efficiency (gravity method) 50% or more.
- ★6. Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- ★7. Power input values are based on conditions of rated external static pressure.
- 8. Refer to **Electric Characteristics** for the power input when the airflow rate is maximum at maximum external static pressure.

Conversion formulae	
kcal/h=kW×860	
Btu/h=kW×3412	
cfm=m ³ /min×35.3	
l/s=m ³ /min×1000/60	

Model				FXSQ80PAVE	FXSQ100PAVE
Power supply				1 phase, 220-240/220 V, 50/60 Hz	1 phase, 220-240/220 V, 50/60 Hz
★1 ★3 Cooling capacity			kcal/h	7,700	9,600
			Btu/h	30,700	38,200
			kW	9.0	11.2
★2 ★3 Heating capacity			kcal/h	8,600	10,800
			Btu/h	34,100	42,700
			kW	10.0	12.5
★7 Power input	Cooling	50 Hz	kW	0.126	0.151
		60 Hz	kW	0.126	0.151
	Heating	50 Hz	kW	0.121	0.146
		60 Hz	kW	0.121	0.146
Casing / Colour				Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)			mm	245×1,000×800	245×1,400×800
Coil (Cross fin coil)	Rows × Stages × Fin pitch		mm	3×26×1.4	2×26×1.4
	Face area		m²	0.288	0.433
Fan	Model			—	—
	Type			Sirocco fan	Sirocco fan
	Motor output × Number of units		W	230×1	300×1
	Airflow rate (H/M/L)	m³/min	23/19.5/16	32/27/22.5	
		l/s	383/325/267	533/450/375	
		cfm	812/688/565	1,130/953/794	
	External static pressure		Pa	Rated 50 (150-50 ★4)	Rated 50 (150-50 ★4)
	Drive			Direct drive	Direct drive
Temperature control				Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Air filter				— ★5	— ★5
Piping connections	Liquid pipes		mm	φ9.5 (Flare connection)	φ9.5 (Flare connection)
	Gas pipes		mm	φ15.9 (Flare connection)	φ15.9 (Flare connection)
	Drain pipe		mm	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)
Mass			kg	37	46
★6 Sound pressure level (H/M/L)			dB(A)	37.5/34/30	39/35/32
Sound power level (H)			dB	65.5	67
Safety devices				Fuse, Fan driver overload protector	Fuse, Fan driver overload protector
Refrigerant control				Electronic expansion valve	Electronic expansion valve
Standard accessories				Operation manual, Installation manual, Drain hose, Sealing material, Clamps, Washers, Screws, Thermal insulation, Hose band, Air discharge flange, Air suction flange	Operation manual, Installation manual, Drain hose, Sealing material, Clamps, Washers, Screws, Thermal insulation, Hose band, Air discharge flange, Air suction flange
Drawing No.	Specification			C: 3D105249B	C: 3D105249B
	Sound level			C: 4D095809B	C: 4D095810B

Notes:

- ★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Rated external static pressure / Equivalent piping length: 7.5 m, level difference: 0 m.
- ★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Rated external static pressure / Equivalent piping length: 7.5 m, level difference: 0 m.
- ★3. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
- ★4. External static pressure is changeable in 13 stages (20-40 class), 11 stages (50-125 class), 10 stages (140 class) by remote controller.
- ★5. Air filter is not standard accessory, but please mount it in the duct system of the suction side. Select its dust collection efficiency (gravity method) 50% or more.
- ★6. Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- ★7. Power input values are based on conditions of rated external static pressure.
- 8. Refer to **Electric Characteristics** for the power input when the airflow rate is maximum at maximum external static pressure.

Conversion formulae
kcal/h=kW×860
Btu/h=kW×3412
cfm=m ³ /min×35.3
l/s=m ³ /min×1000/60

Model				FXSQ125PAVE	FXSQ140PAVE
Power supply				1 phase, 220-240/220 V, 50/60 Hz	1 phase, 220-240/220 V, 50/60 Hz
★1 ★3 Cooling capacity			kcal/h	12,000	13,800
			Btu/h	47,800	54,600
			kW	14.0	16.0
★2 ★3 Heating capacity			kcal/h	13,800	15,500
			Btu/h	54,600	61,400
			kW	16.0	18.0
★7 Power input	Cooling	50 Hz	kW	0.206	0.222
		60 Hz	kW	0.206	0.222
	Heating	50 Hz	kW	0.201	0.217
		60 Hz	kW	0.201	0.217
Casing / Colour				Galvanized steel plate	Galvanized steel plate
Dimensions: (H×W×D)			mm	245×1,400×800	245×1,550×800
Coil (Cross fin coil)	Rows × Stages × Fin pitch		mm	3×26×1.4	3×26×1.4
	Face area		m²	0.433	0.488
Fan	Model			—	—
	Type			Sirocco fan	Sirocco fan
	Motor output × Number of units		W	300×1	350×1
	Airflow rate (H/M/L)	m³/min	37/31.5/26	39/33.5/28	
		l/s	617/525/433	650/558/467	
		cfm	1,306/1,112/918	1,377/1,183/988	
	External static pressure		Pa	Rated 50 (150-50 ★4)	Rated 50 (140-50 ★4)
	Drive			Direct drive	Direct drive
Temperature control				Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating
Air filter				— ★5	— ★5
Piping connections	Liquid pipes		mm	φ9.5 (Flare connection)	φ9.5 (Flare connection)
	Gas pipes		mm	φ15.9 (Flare connection)	φ15.9 (Flare connection)
	Drain pipe		mm	VP25 (External dia. 32 Internal dia. 25)	VP25 (External dia. 32 Internal dia. 25)
Mass			kg	47	52
★6 Sound pressure level (H/M/L)			dB(A)	42/38.5/35	43/40/36
Sound power level (H)			dB	70	71
Safety devices				Fuse, Fan driver overload protector	Fuse, Fan driver overload protector
Refrigerant control				Electronic expansion valve	Electronic expansion valve
Standard accessories				Operation manual, Installation manual, Drain hose, Sealing material, Clamps, Washers, Screws, Thermal insulation, Hose band, Air discharge flange, Air suction flange	Operation manual, Installation manual, Drain hose, Sealing material, Clamps, Washers, Screws, Thermal insulation, Hose band, Air discharge flange, Air suction flange
Drawing No.	Specification			C: 3D105249B	C: 3D105249B
	Sound level			C: 4D095811B	C: 4D095812B

Notes:

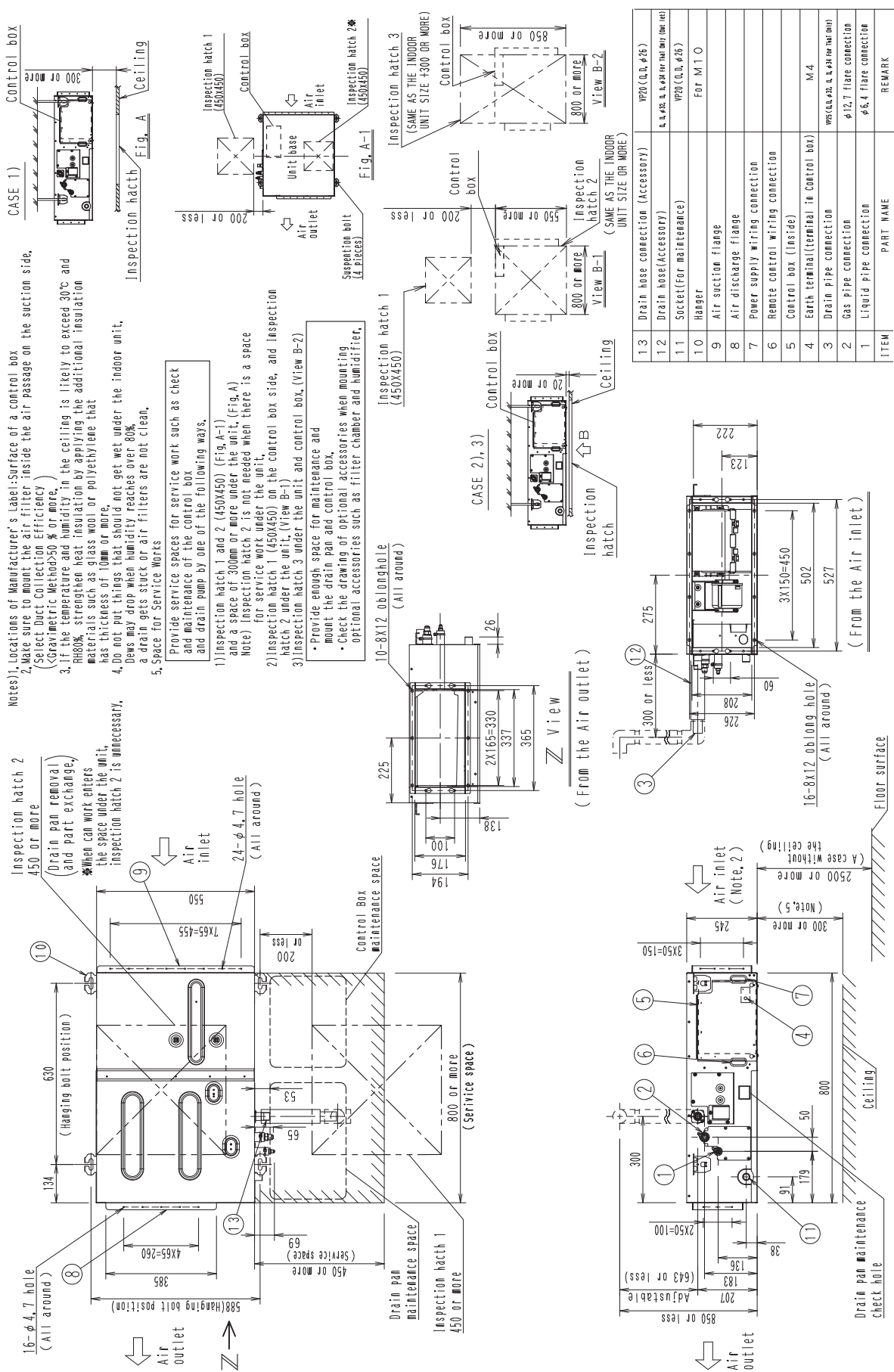
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- ★2. Indoor temp.: 20°CDB / outdoor temp.: 7°CDB, 6°CWB / Rated external static pressure / Equivalent piping length: 7.5 m, level difference: 0 m.
- ★3. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
- ★4. External static pressure is changeable in 13 stages (20-40 class), 11 stages (50-125 class), 10 stages (140 class) by remote controller.
- ★5. Air filter is not standard accessory, but please mount it in the duct system of the suction side. Select its dust collection efficiency (gravity method) 50% or more.
- ★6. Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- ★7. Power input values are based on conditions of rated external static pressure.
- 8. Refer to **Electric Characteristics** for the power input when the airflow rate is maximum at maximum external static pressure.

Conversion formulae
kcal/h=kW×860
Btu/h=kW×3412
cfm=m ³ /min×35.3
l/s=m ³ /min×1000/60

3. Dimensions

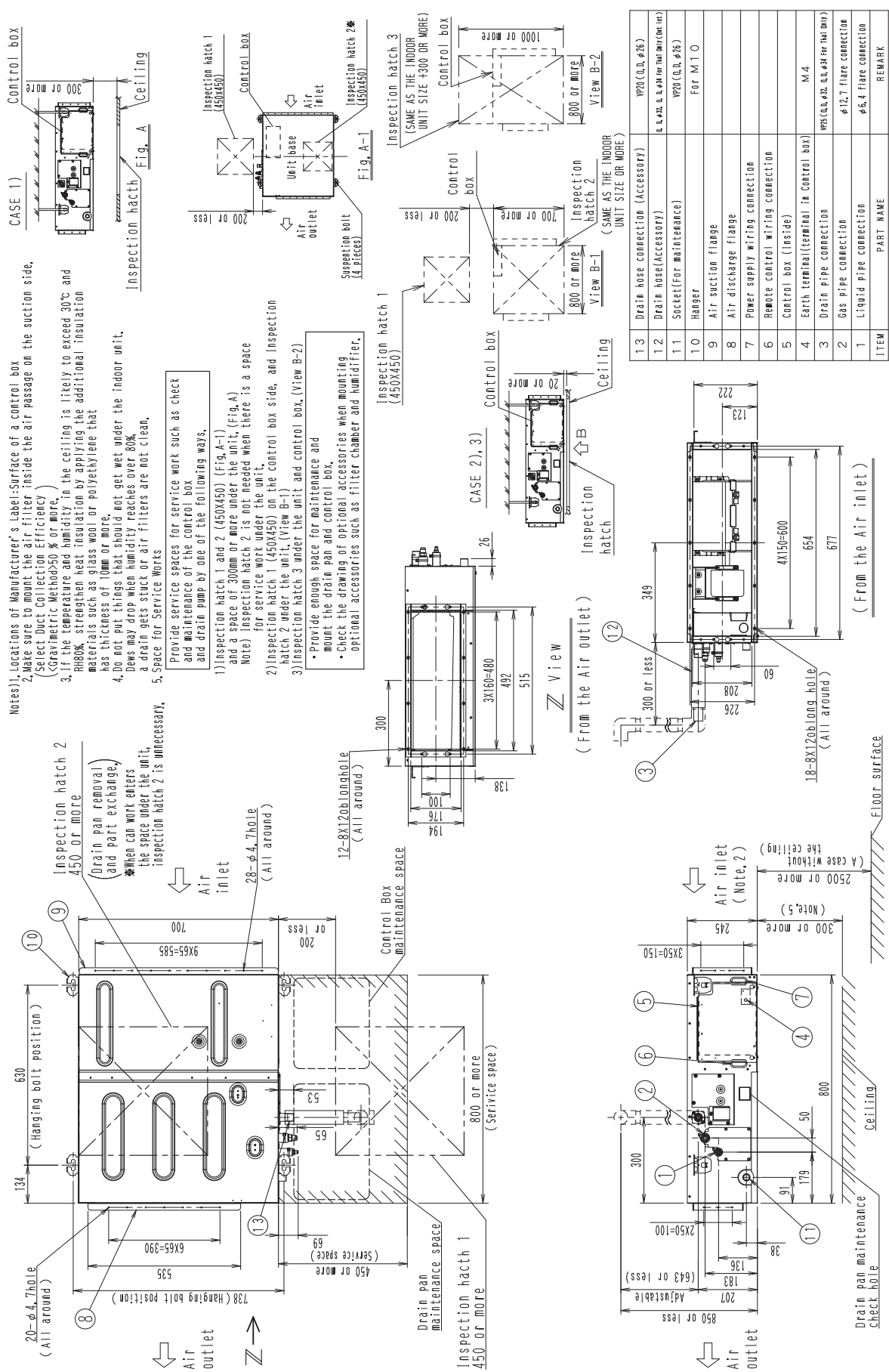
FXSQ20PAVE / FXSQ25PAVE / FXSQ32PAVE

Unit: mm



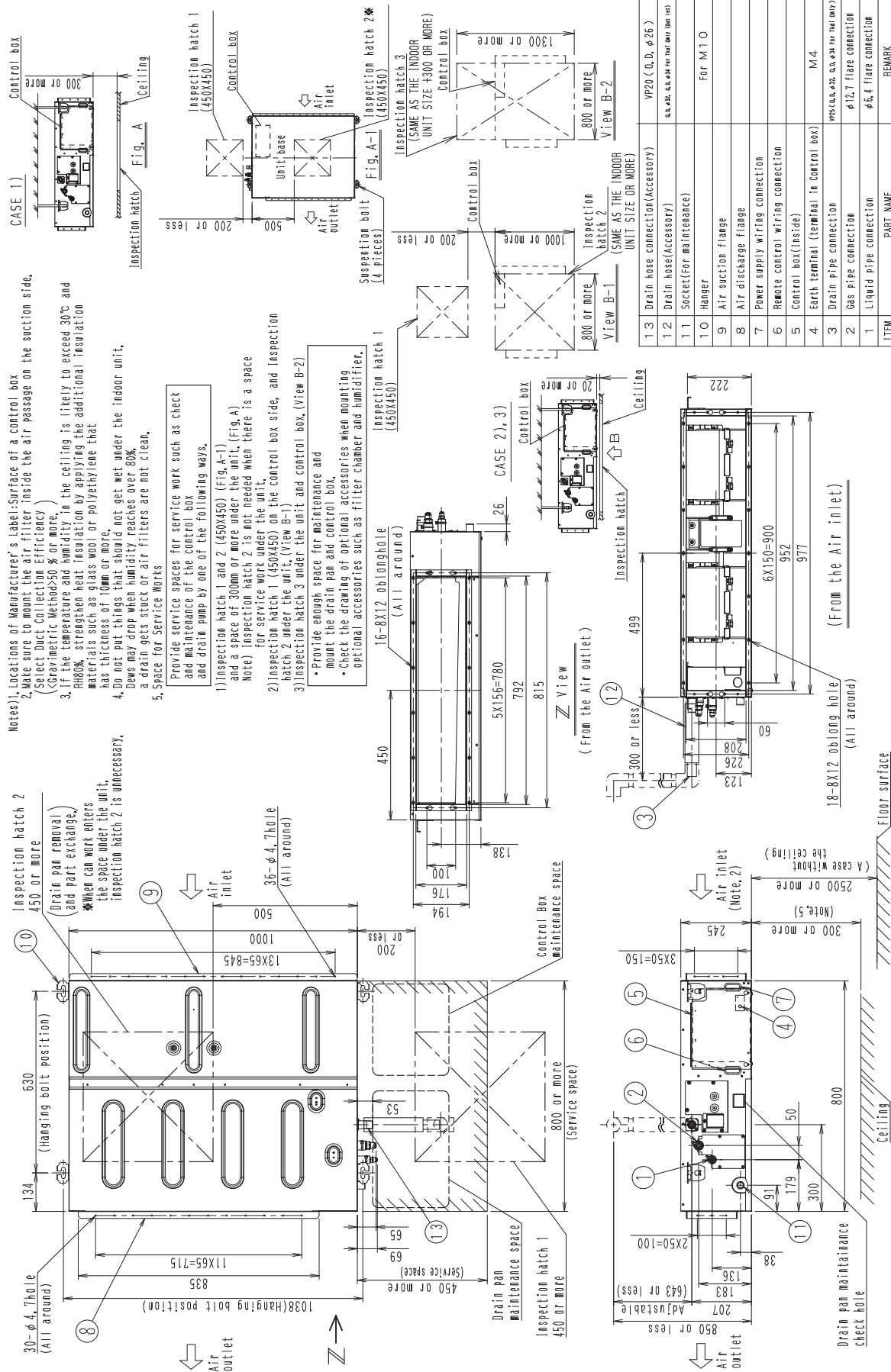
FXSQ40PAVE

Unit: mm



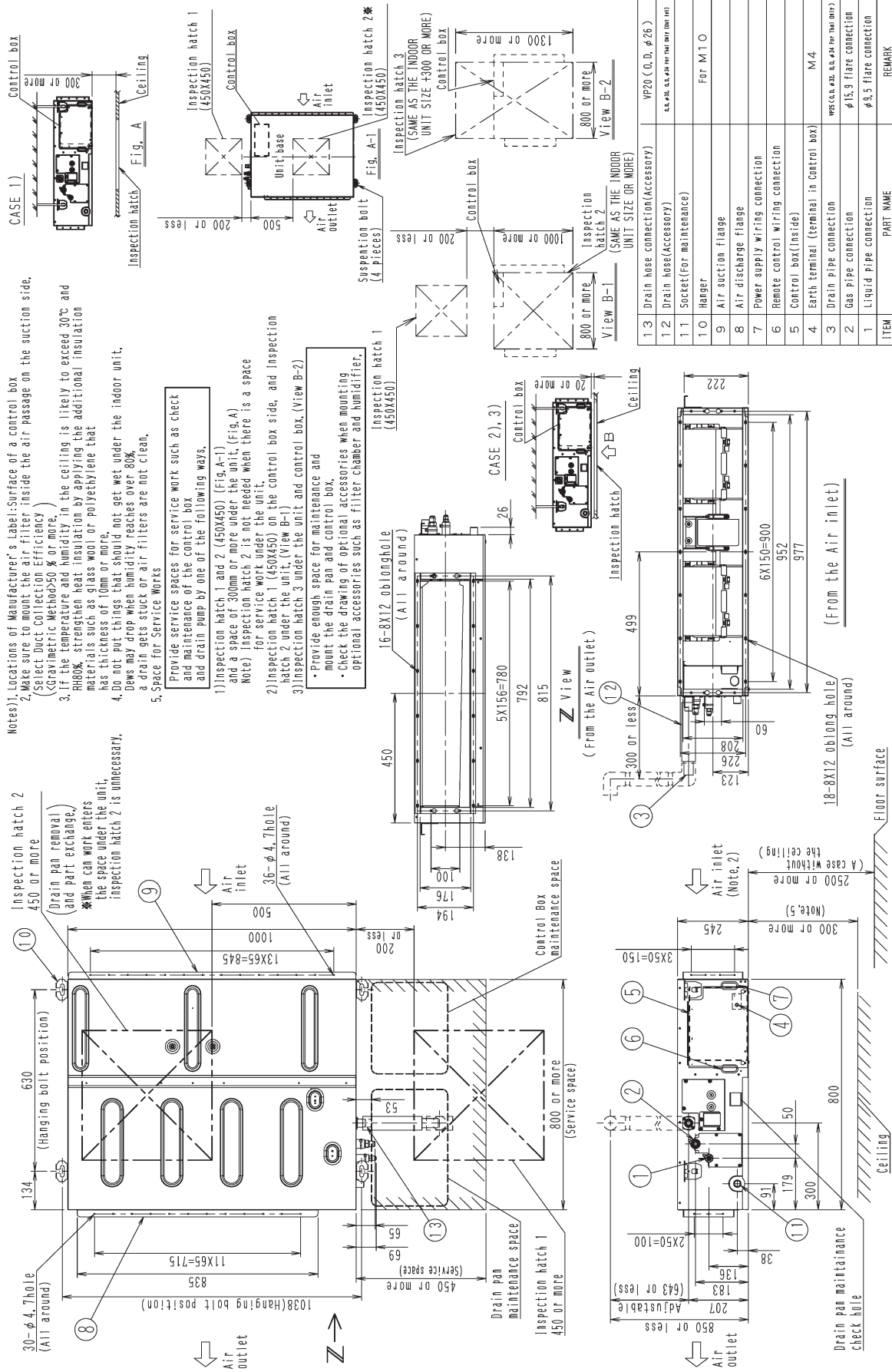
FXSQ50PAVE

Unit: mm



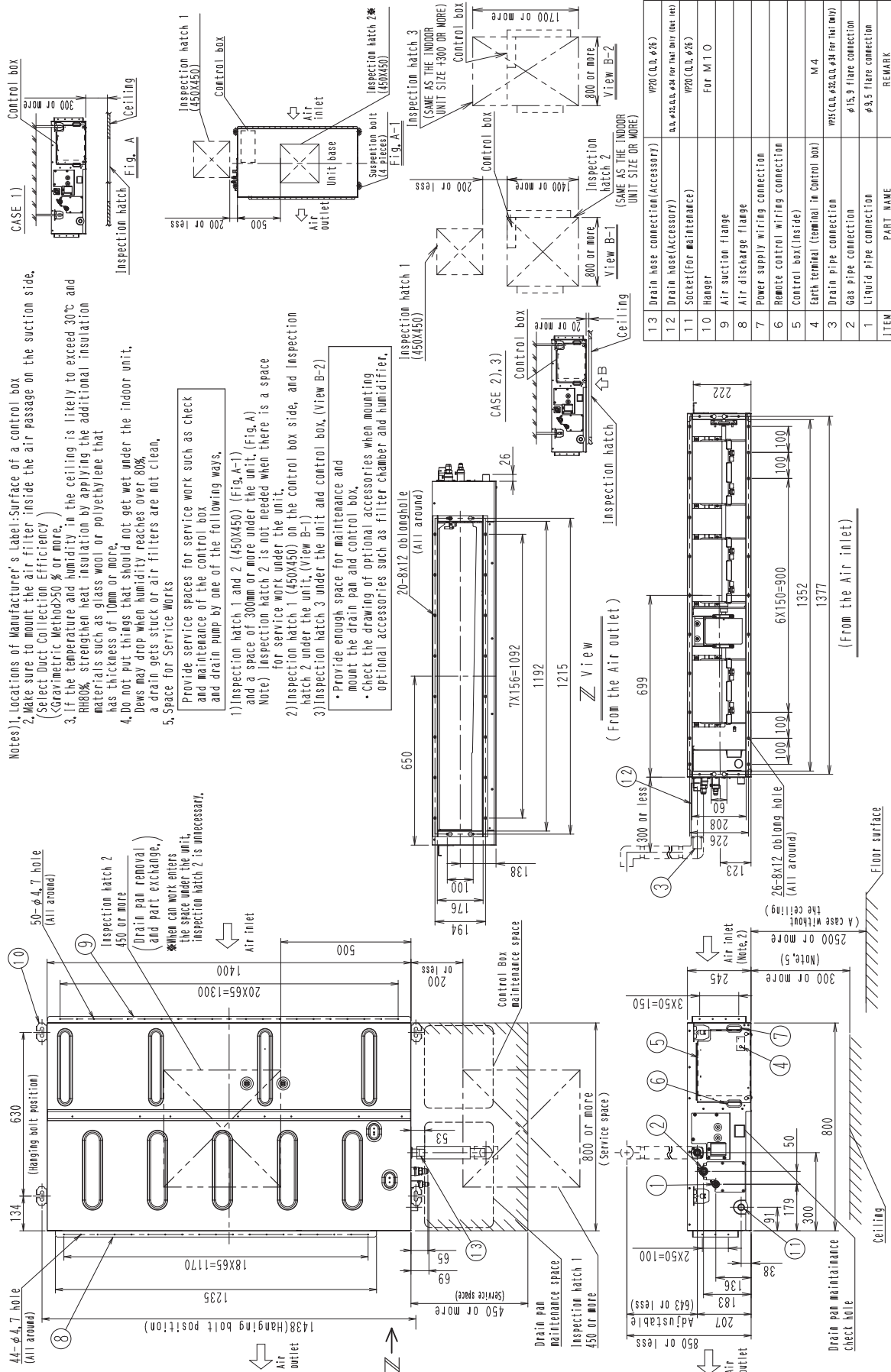
FXSQ63PAVE / FXSQ80PAVE

Unit: mm



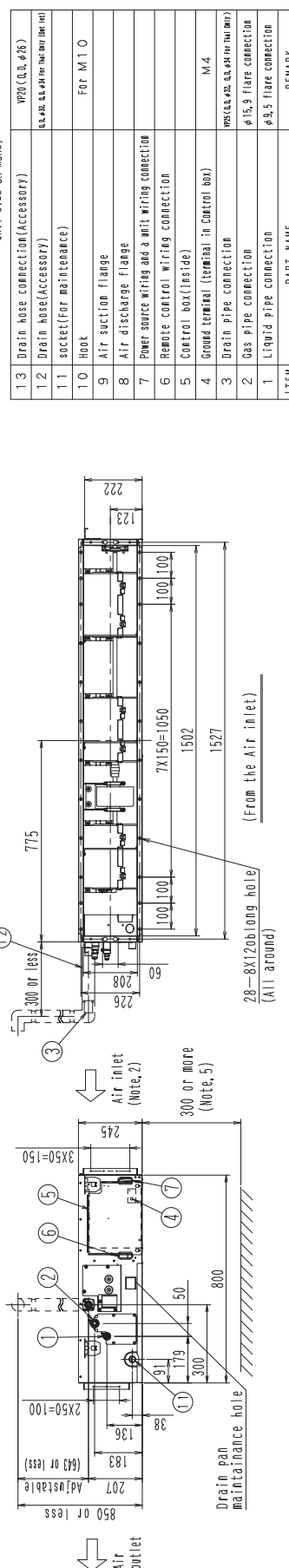
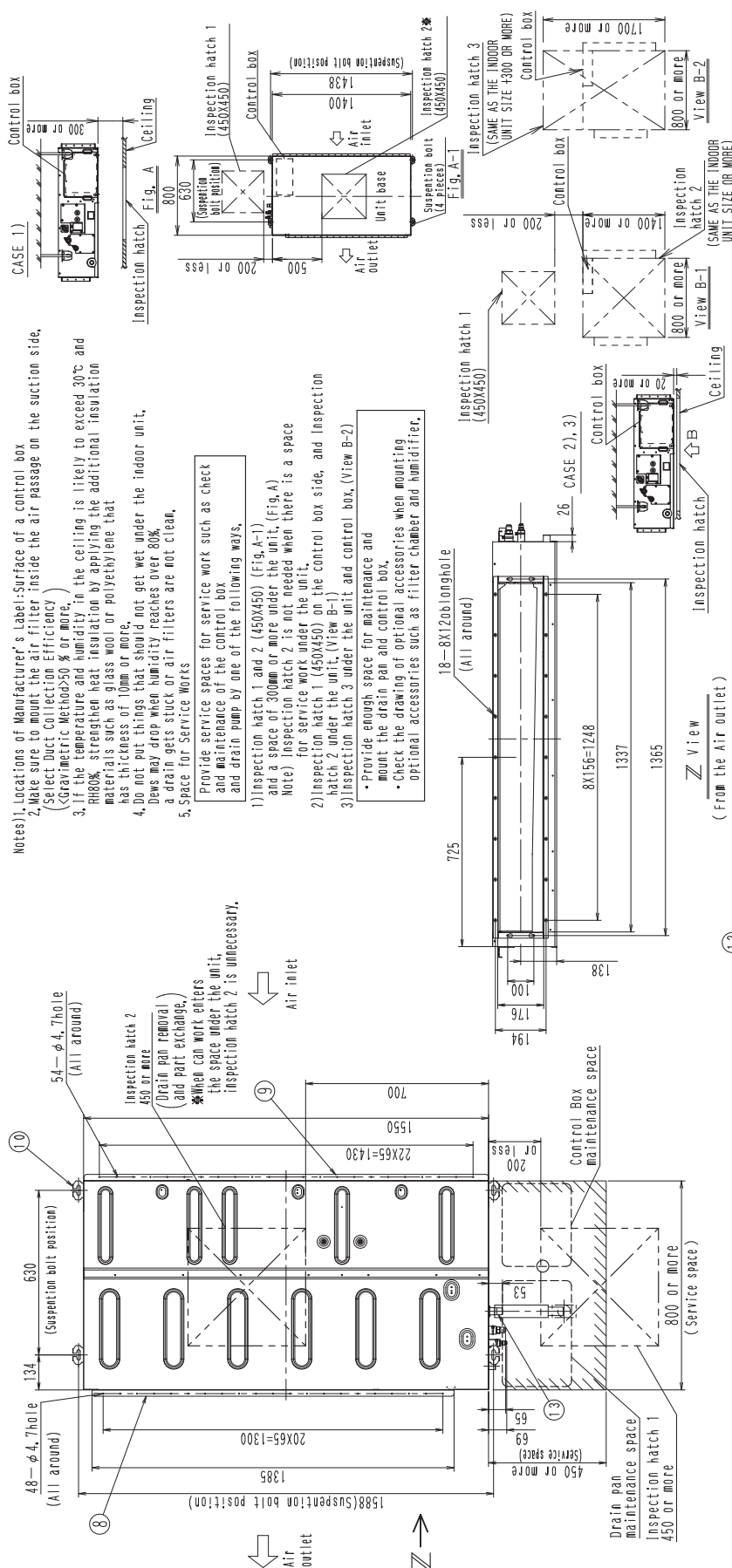
FXSQ100PAVE / FXSQ125PAVE

Unit: mm



FXSQ140PAVE

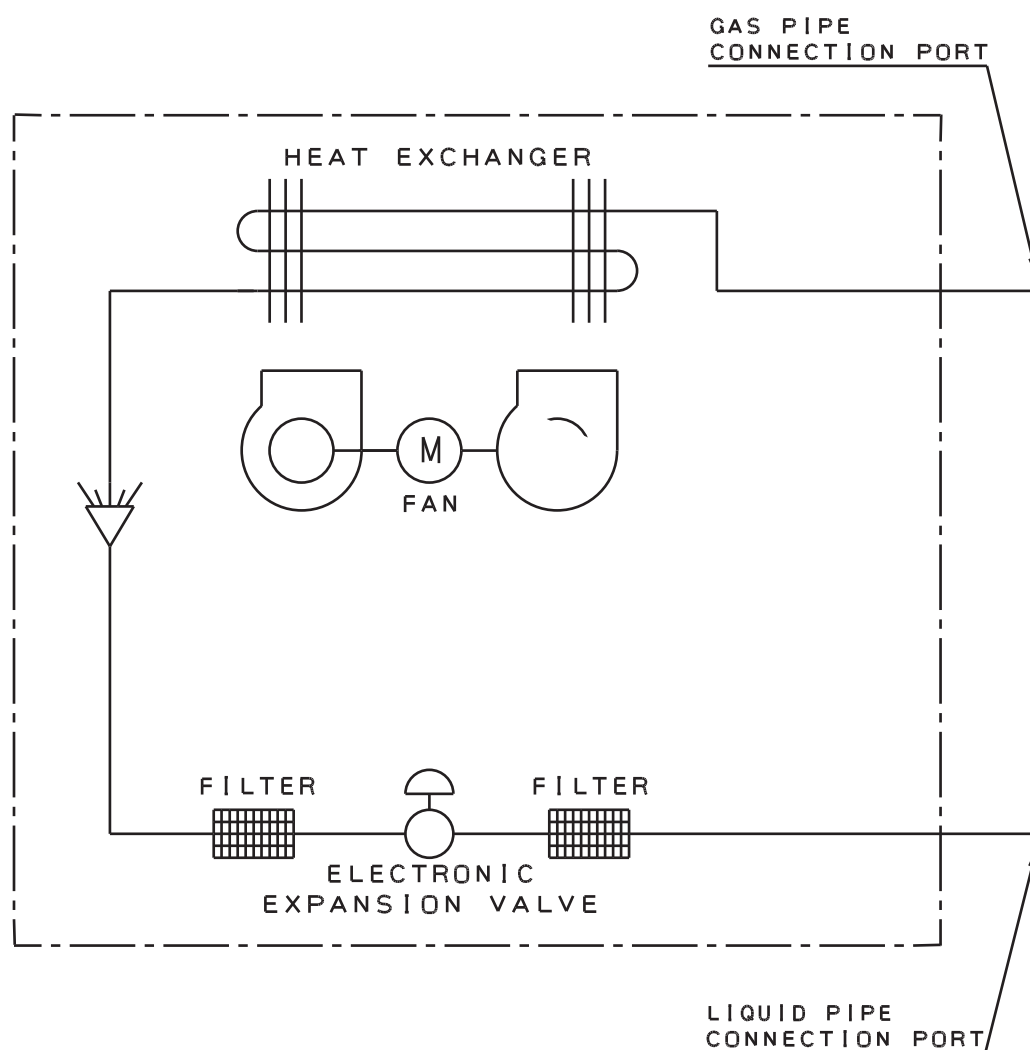
Unit: mm



3D095727D

4. Piping Diagrams

FXSQ20PAVE / FXSQ25PAVE / FXSQ32PAVE / FXSQ40PAVE / FXSQ50PAVE / FXSQ63PAVE /
FXSQ80PAVE / FXSQ100PAVE / FXSQ125PAVE / FXSQ140PAVE



APPLICABLE MODEL: FXMQ, FXSQ, FXDQ

4D104913

■ Refrigerant pipe connection port diameters

Model	Unit: mm	
	Gas	Liquid
FXSQ20PAVE / FXSQ25PAVE / FXSQ32PAVE / FXSQ40PAVE / FXSQ50PAVE	φ12.7	φ6.4
FXSQ63PAVE / FXSQ80PAVE / FXSQ100PAVE / FXSQ125PAVE / FXSQ140PAVE	φ15.9	φ9.5

**FXSQ20PAVE / FXSQ25PAVE / FXSQ32PAVE / FXSQ40PAVE / FXSQ50PAVE / FXSQ63PAVE /
FXSQ80PAVE / FXSQ100PAVE / FXSQ125PAVE / FXSQ140PAVE**



6. Electric Characteristics

FXSQ20PAVE / FXSQ25PAVE / FXSQ32PAVE / FXSQ40PAVE / FXSQ50PAVE / FXSQ63PAVE / FXSQ80PAVE / FXSQ100PAVE / FXSQ125PAVE / FXSQ140PAVE

MODEL	POWER SUPPLY					IFM		INPUT(W)	
	Hz	Volts	Voltage range	MCA	MFA(※)	kW	FLA	COOLING	HEATING
FXSQ20PAVE/V4	50	220~240V	Max. 264V Min. 198V	0.8	16	0.078	0.6	104	99
FXSQ25PAVE/V4				0.8	16	0.078	0.6	104	99
FXSQ32PAVE/V4				0.8	16	0.078	0.7	111	106
FXSQ40PAVE/V4				1.4	16	0.130	1.2	162	157
FXSQ50PAVE/V4				1.3	16	0.230	1.1	164	159
FXSQ63PAVE/V4				1.8	16	0.230	1.4	222	217
FXSQ80PAVE/V4				1.8	16	0.230	1.5	230	225
FXSQ100PAVE/V4				2.5	16	0.300	2.0	331	326
FXSQ125PAVE/V4				2.8	16	0.300	2.2	360	355
FXSQ140PAVE/V4				3.1	16	0.350	2.5	411	406
FXSQ20PAVE/V4	60	220V	Max. 242V Min. 198V	0.8	16	0.078	0.6	104	99
FXSQ25PAVE/V4				0.8	16	0.078	0.6	104	99
FXSQ32PAVE/V4				0.8	16	0.078	0.7	111	106
FXSQ40PAVE/V4				1.4	16	0.130	1.2	162	157
FXSQ50PAVE/V4				1.3	16	0.230	1.1	164	159
FXSQ63PAVE/V4				1.8	16	0.230	1.4	222	217
FXSQ80PAVE/V4				1.8	16	0.230	1.5	230	225
FXSQ100PAVE/V4				2.5	16	0.300	2.0	331	326
FXSQ125PAVE/V4				2.8	16	0.300	2.2	360	355
FXSQ140PAVE/V4				3.1	16	0.350	2.5	411	406
FXSQ20PAVS	50	220V	Max. 242V Min. 198V	0.8	16	0.078	0.6	104	99
FXSQ25PAVS				0.8	16	0.078	0.6	104	99
FXSQ32PAVS				0.8	16	0.078	0.7	111	106
FXSQ40PAVS				1.4	16	0.130	1.2	162	157
FXSQ50PAVS				1.3	16	0.230	1.1	164	159
FXSQ63PAVS				1.8	16	0.230	1.4	222	217
FXSQ80PAVS				1.8	16	0.230	1.5	230	225
FXSQ100PAVS				2.5	16	0.300	2.0	331	326
FXSQ125PAVS				2.8	16	0.300	2.2	360	355
FXSQ140PAVS				3.1	16	0.350	2.5	411	406

Symbols :

MCA : Min. Circuit Amps (A)
 MFA : Max. Fuse Amps (See note 5)
 kW : Fan Motor Rated Output(kW)
 FLA : Full Load Amps(A)
 IFM : Indoor Fan Motor

Note :

- Voltage range
Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
- Maximum allowable voltage unbalance between phases is 2%.
- MCA/MFA
 $MCA = 1.25 \times FLA$
 $MFA \leq 4 \times FLA$
 (Next lower standard fuse rating, Min. 16A)
 (※)The selected fuse capacity is also accepted by 15A
- Select wire size based on the MCA.
- Instead of fuse, use circuit breaker.
- The above is the value when air flow rate is maximum at maximum external static pressure position.

7. Safety Devices Setting

Model		FXSQ20PAVE	FXSQ25PAVE	FXSQ32PAVE	FXSQ40PAVE
PCB fuse		250 V, 3.15 A	250 V, 3.15 A	250 V, 3.15 A	250 V, 3.15 A
PCB fuse (Fan driver)		250 V, 6.3 A	250 V, 6.3 A	250 V, 6.3 A	250 V, 6.3 A
Drain pump thermal fuse	°C	—	—	—	—

Model		FXSQ50PAVE	FXSQ63PAVE	FXSQ80PAVE	FXSQ100PAVE
PCB fuse		250 V, 3.15 A	250 V, 3.15 A	250 V, 3.15 A	250 V, 3.15 A
PCB fuse (Fan driver)		250 V, 6.3 A	250 V, 6.3 A	250 V, 6.3 A	250 V, 6.3 A
Drain pump thermal fuse	°C	—	—	—	—

Model		FXSQ125PAVE	FXSQ140PAVE
PCB fuse		250 V, 3.15 A	250 V, 3.15 A
PCB fuse (Fan driver)		250 V, 6.3 A	250 V, 6.3 A
Drain pump thermal fuse	°C	—	—

C: 3D104897

8. Capacity Tables

8.1 Cooling Capacity for Te: Auto

Model	Capacity indication	Indoor air temp.													
		14°CWB		16°CWB		18°CWB		19°CWB		20°CWB		22°CWB		24°CWB	
		20°CDB		23°CDB		26°CDB		27°CDB		28°CDB		30°CDB		32°CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
FXSQ20PAVE	20	1.9	1.9	2.1	2.0	2.2	1.9	2.2	1.8	2.2	1.8	2.3	1.7	2.3	1.7
FXSQ25PAVE	25	2.5	2.2	2.6	2.2	2.8	2.3	2.8	2.2	2.8	2.1	2.9	2.0	3.0	2.0
FXSQ32PAVE	32	3.2	2.6	3.4	2.7	3.5	2.8	3.6	2.7	3.6	2.6	3.7	2.5	3.8	2.5
FXSQ40PAVE	40	4.0	3.5	4.2	3.8	4.4	4.0	4.5	3.7	4.6	3.6	4.7	3.4	4.8	3.4
FXSQ50PAVE	50	4.9	4.2	5.3	4.6	5.5	4.7	5.6	4.3	5.7	4.2	5.8	4.1	5.9	3.9
FXSQ63PAVE	63	6.3	5.3	6.7	5.7	7.0	5.9	7.1	5.4	7.2	5.4	7.3	5.2	7.5	5.1
FXSQ80PAVE	80	7.9	6.3	8.5	6.8	8.8	7.1	9.0	6.5	9.1	6.4	9.3	6.2	9.5	6.0
FXSQ100PAVE	100	9.9	8.2	10.5	8.9	11.0	9.2	11.2	8.5	11.3	8.4	11.6	8.1	11.8	7.9
FXSQ125PAVE	125	12.3	9.9	13.2	10.7	13.8	10.9	14.0	10.1	14.2	10.0	14.5	9.7	14.8	9.3
FXSQ140PAVE	140	14.1	11.0	15.0	11.8	15.7	12.4	16.0	11.6	16.2	11.4	16.5	11.1	16.9	10.6

TC: Total capacity: kW

SHC: Sensible heat capacity: kW

Notes:

- These capacity tables are for use when selecting a **VRV** indoor unit. The actual capacity of the **VRV** system depends on factors such as the selected model of outdoor units, outdoor air temperature and piping length. Please confirm that the corrected capacity of the **VRV** system satisfies the required heat load.
- ☐ shows rated condition.

8.2 Cooling Capacity for Te: 6°C

Model	Capacity indication	Indoor air temp.													
		14°CWB		16°CWB		18°CWB		19°CWB		20°CWB		22°CWB		24°CWB	
		20°CDB		23°CDB		26°CDB		27°CDB		28°CDB		30°CDB		32°CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
FXSQ20PAVE	20	1.5	1.5	1.8	1.7	2.1	1.8	2.2	1.8	2.2	1.8	2.3	1.7	2.3	1.7
FXSQ25PAVE	25	1.9	1.8	2.3	1.9	2.6	2.1	2.8	2.2	2.8	2.1	2.9	2.0	3.0	2.0
FXSQ32PAVE	32	2.4	2.0	2.9	2.3	3.4	2.6	3.6	2.7	3.6	2.6	3.7	2.5	3.8	2.5
FXSQ40PAVE	40	3.0	2.8	3.6	3.2	4.2	3.6	4.5	3.7	4.6	3.6	4.7	3.4	4.8	3.4
FXSQ50PAVE	50	3.8	3.3	4.5	3.8	5.2	4.2	5.6	4.3	5.7	4.2	5.8	4.1	5.9	3.9
FXSQ63PAVE	63	4.8	4.2	5.7	4.8	6.6	5.3	7.1	5.4	7.2	5.4	7.4	5.2	7.5	5.1
FXSQ80PAVE	80	6.1	5.0	7.2	5.7	8.4	6.4	9.0	6.5	9.1	6.4	9.3	6.2	9.5	6.0
FXSQ100PAVE	100	7.6	6.5	9.0	7.5	10.5	8.4	11.2	8.5	11.3	8.4	11.6	8.1	11.9	7.9
FXSQ125PAVE	125	9.4	7.7	11.3	8.9	13.1	9.9	14.0	10.1	14.2	10.0	14.5	9.7	14.9	9.4
FXSQ140PAVE	140	10.8	8.8	12.9	10.1	15.0	11.3	16.0	11.6	16.2	11.4	16.6	11.1	17.0	10.7

TC: Total capacity: kW

SHC: Sensible heat capacity: kW

Notes:

- These capacity tables are for use when selecting a **VRV** indoor unit. The actual capacity of the **VRV** system depends on factors such as the selected model of outdoor units, outdoor air temperature and piping length. Please confirm that the corrected capacity of the **VRV** system satisfies the required heat load.
- ☐ shows rated condition.

8.3 Heating Capacity

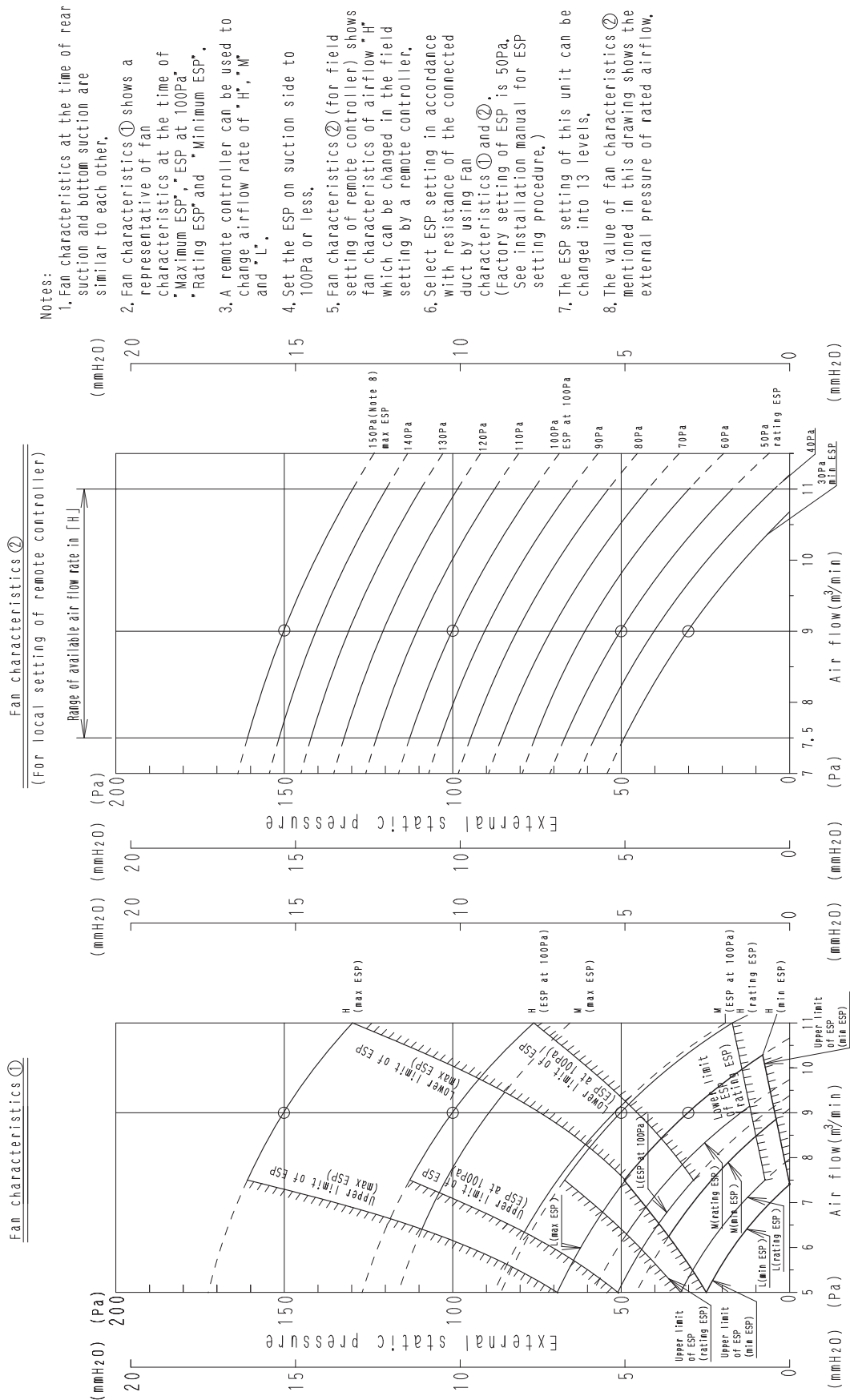
Model	Capacity indication	Indoor air temp.					
		16°CDB	18°CDB	20°CDB	21°CDB	22°CDB	24°CDB
		kW	kW	kW	kW	kW	kW
FXSQ20PAVE	20	2.6	2.6	2.5	2.4	2.3	2.2
FXSQ25PAVE	25	3.4	3.2	3.2	3.1	3.0	2.8
FXSQ32PAVE	32	4.2	4.2	4.0	3.9	3.7	3.5
FXSQ40PAVE	40	5.2	5.2	5.0	4.8	4.7	4.4
FXSQ50PAVE	50	6.6	6.6	6.3	6.1	5.9	5.5
FXSQ63PAVE	63	8.4	8.4	8.0	7.7	7.5	7.0
FXSQ80PAVE	80	10.5	10.5	10.0	9.7	9.4	8.7
FXSQ100PAVE	100	13.1	13.1	12.5	12.1	11.7	10.9
FXSQ125PAVE	125	16.8	16.8	16.0	15.5	15.0	13.9
FXSQ140PAVE	140	18.9	18.9	18.0	17.4	16.8	15.7

Notes:

1. These capacity tables are for use when selecting a **VRV** indoor unit. The actual capacity of the **VRV** system depends on factors such as the selected model of outdoor units, outdoor air temperature and piping length. Please confirm that the corrected capacity of the **VRV** system satisfies the required heat load.
2. ☐ shows rated condition.

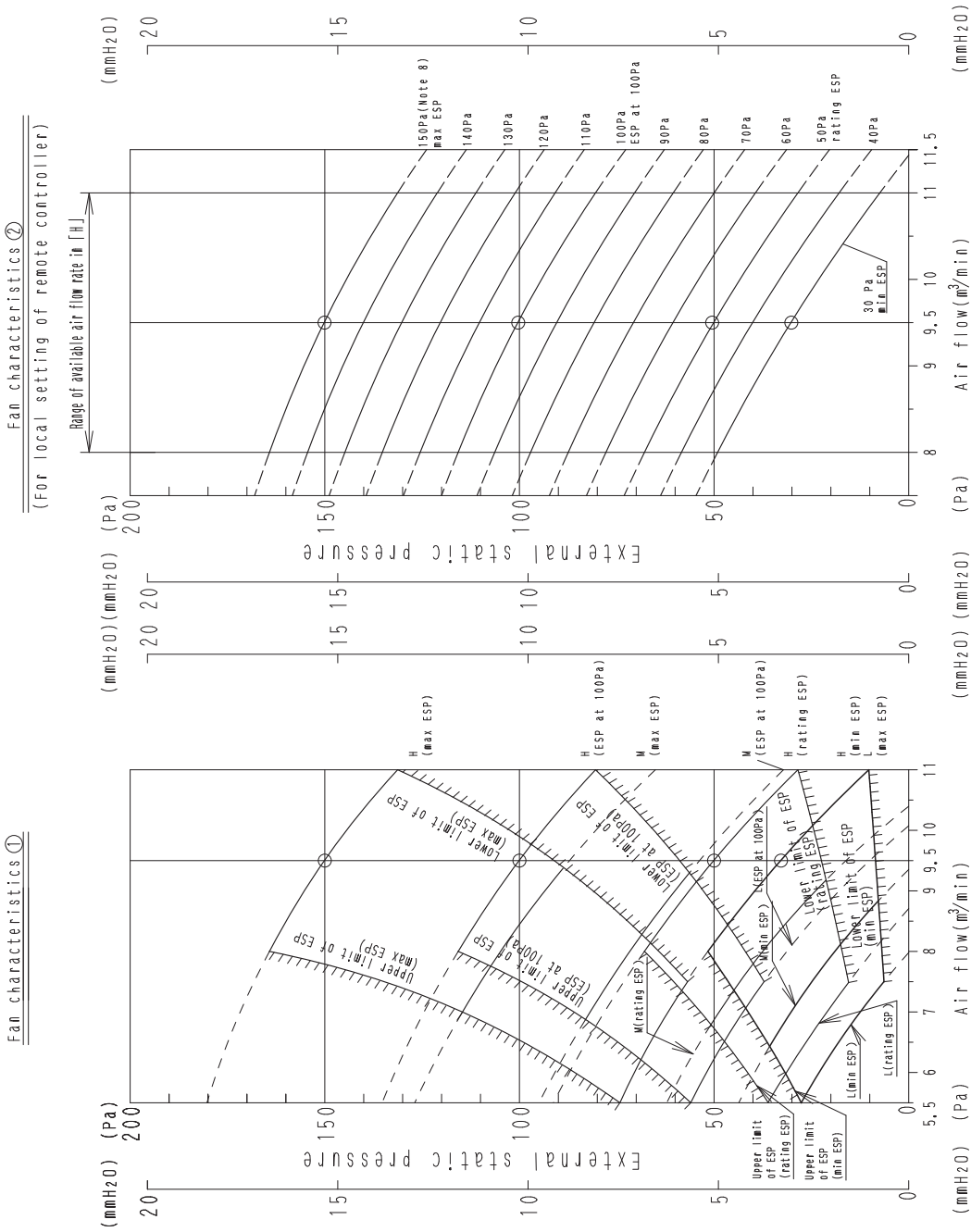
9. Fan Performances

FXSQ20PAVE / FXSQ25PAVE



3D095855A

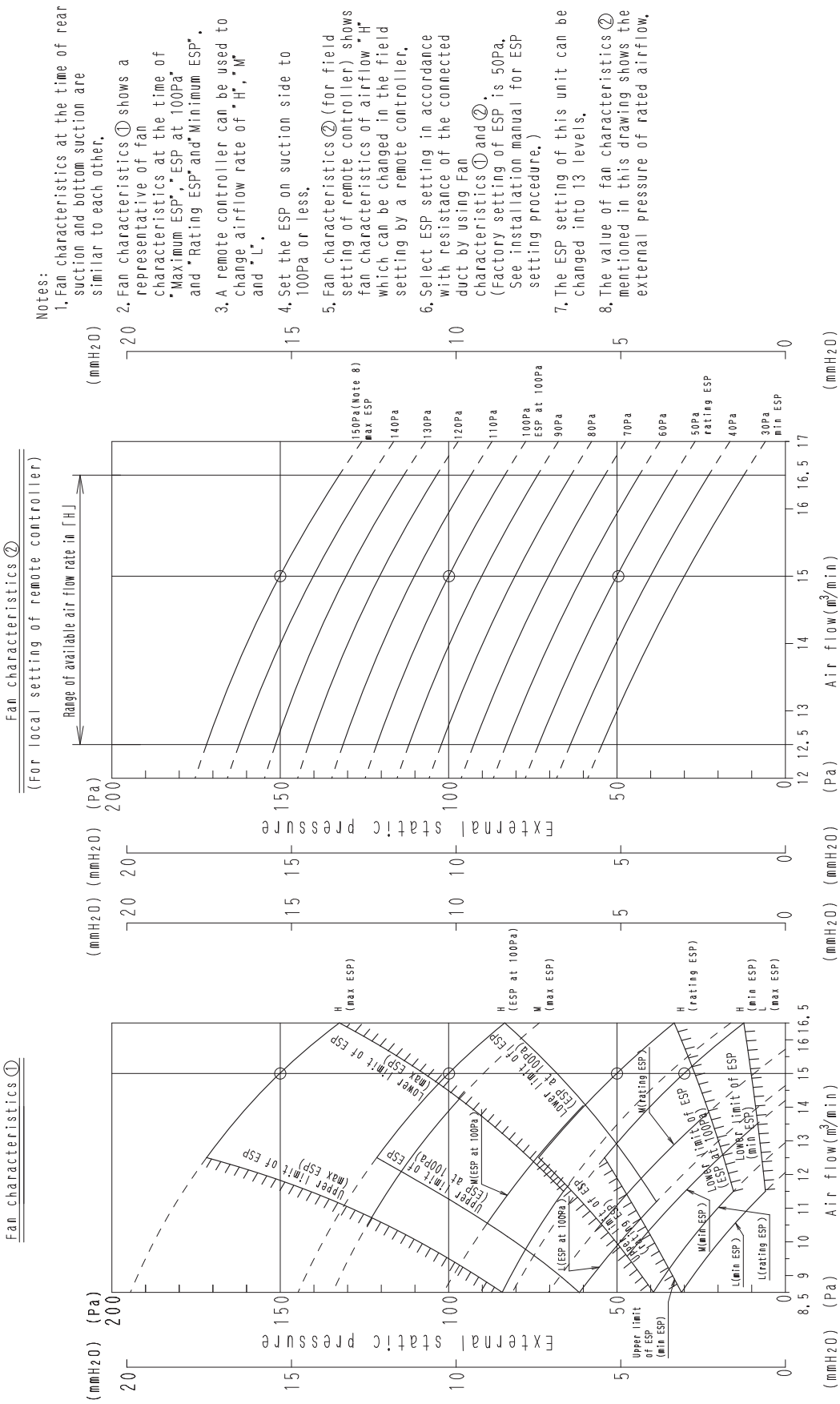
FXSQ32PAVE



- Notes:
1. Fan characteristics at the time of rear suction and bottom suction are similar to each other.
 2. Fan characteristics ① shows a representative of fan characteristics at the time of "Maximum ESP", "ESP at 100Pa", "Rating ESP" and "Minimum ESP".
 3. A remote controller can be used to change airflow rate of "H", "M" and "L".
 4. Set the ESP on suction side to 100Pa or less.
 5. Fan characteristics ② (for field setting of remote controller) shows fan characteristics of airflow "H" which can be changed in the field setting by a remote controller.
 6. Select ESP setting in accordance with resistance of the connected duct by using Fan characteristics ① and ②. (Factory setting of ESP is 50Pa. See installation manual for ESP setting procedure.)
 7. The ESP setting of this unit can be changed into 13 levels.
 8. The value of fan characteristics ② mentioned in this drawing shows the external pressure of rated airflow.

3D095856A

FXSQ40PAVE

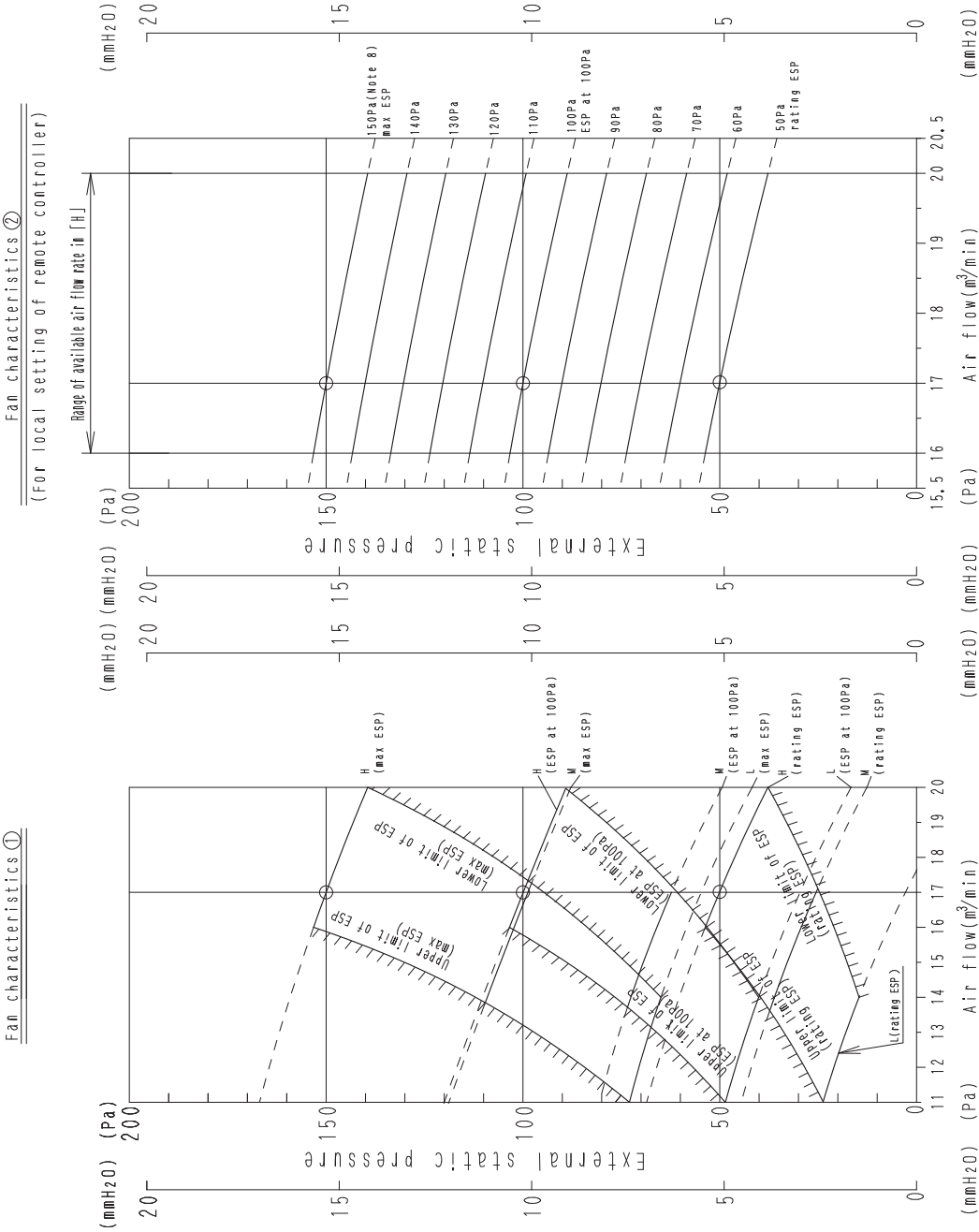


Notes:

1. Fan characteristics at the time of rear suction and bottom suction are similar to each other.
2. Fan characteristics ① shows a representative of fan characteristics at the time of "Maximum ESP", "ESP at 100Pa" and "Rating ESP" and "Minimum ESP".
3. A remote controller can be used to change airflow rate of "H", "W" and "L".
4. Set the ESP on suction side to 100Pa or less.
5. Fan characteristics ② (for field setting of remote controller) shows fan characteristics of airflow "H" which can be changed in the field setting by a remote controller.
6. Select ESP setting in accordance with resistance of the connected duct by using Fan characteristics ① and ②. (Factory setting of ESP is 50Pa. See installation manual for ESP setting procedure.)
7. The ESP setting of this unit can be changed into 13 levels.
8. The value of fan characteristics ② mentioned in this drawing shows the external pressure of rated airflow.

3D095857A

FXSQ50PAVE



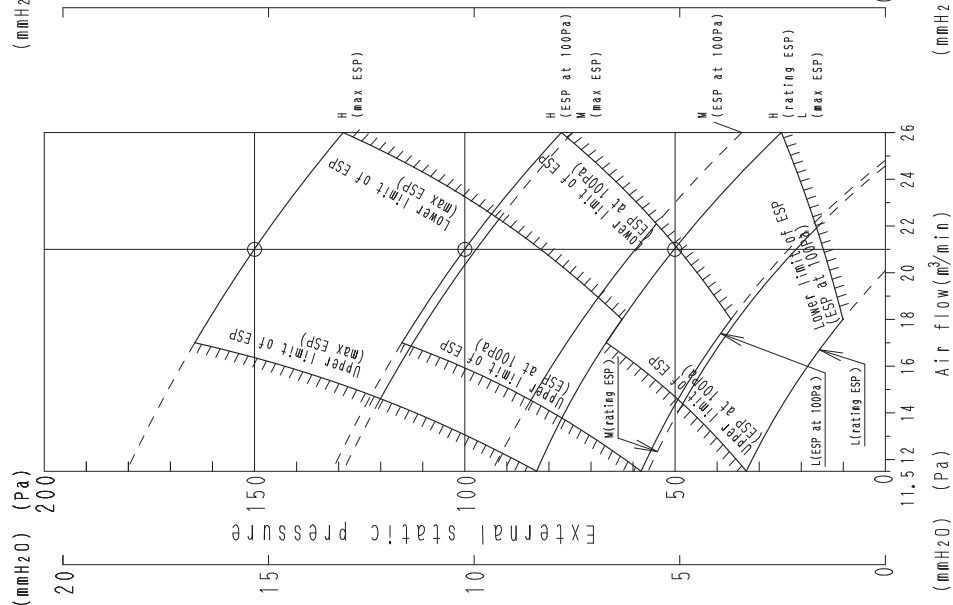
Notes:

- 1. Fan characteristics at the time of rear suction and bottom suction are similar to each other.
- 2. Fan characteristics ① shows a representative of fan characteristics at the time of "Maximum ESP", "ESP at 100Pa" and "Rating ESP".
- 3. A remote controller can be used to change airflow rate of "H", "M" and "L".
- 4. Set the ESP on suction side to 100Pa or less.
- 5. Fan characteristics ② (for field setting of remote controller) shows fan characteristics of airflow "H" which can be changed in the field setting by a remote controller.
- 6. Select ESP setting in accordance with resistance of the connected duct by using Fan characteristics ① and ②. (Factory setting of ESP is 50Pa. See installation manual for ESP setting procedure.)
- 7. The ESP setting of this unit can be changed into 11 levels.
- 8. The value of fan characteristics ② mentioned in this drawing shows the external pressure of rated airflow.

3D095858A

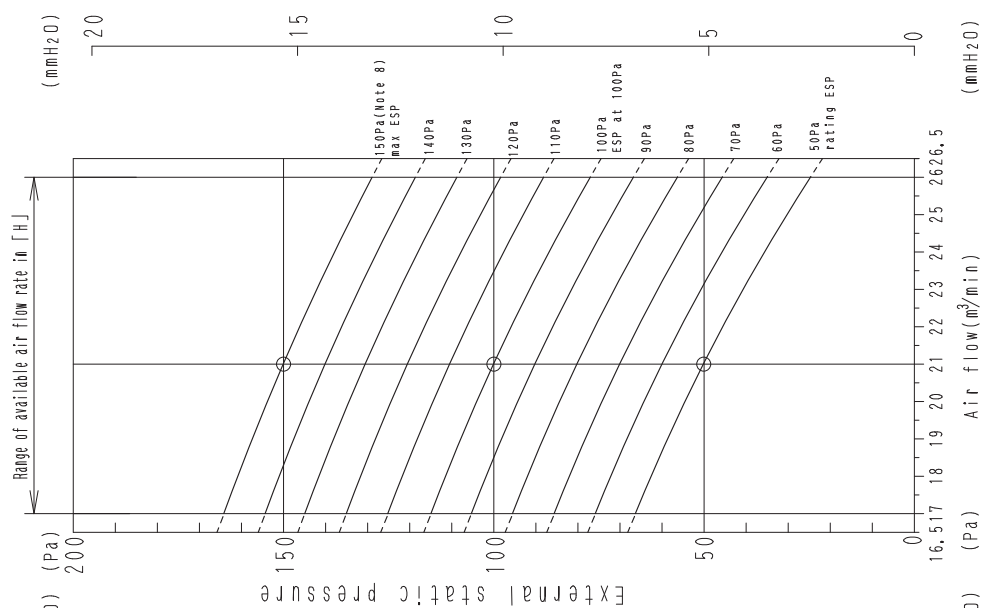
FXSQ63PAVE

Four characteristics ①



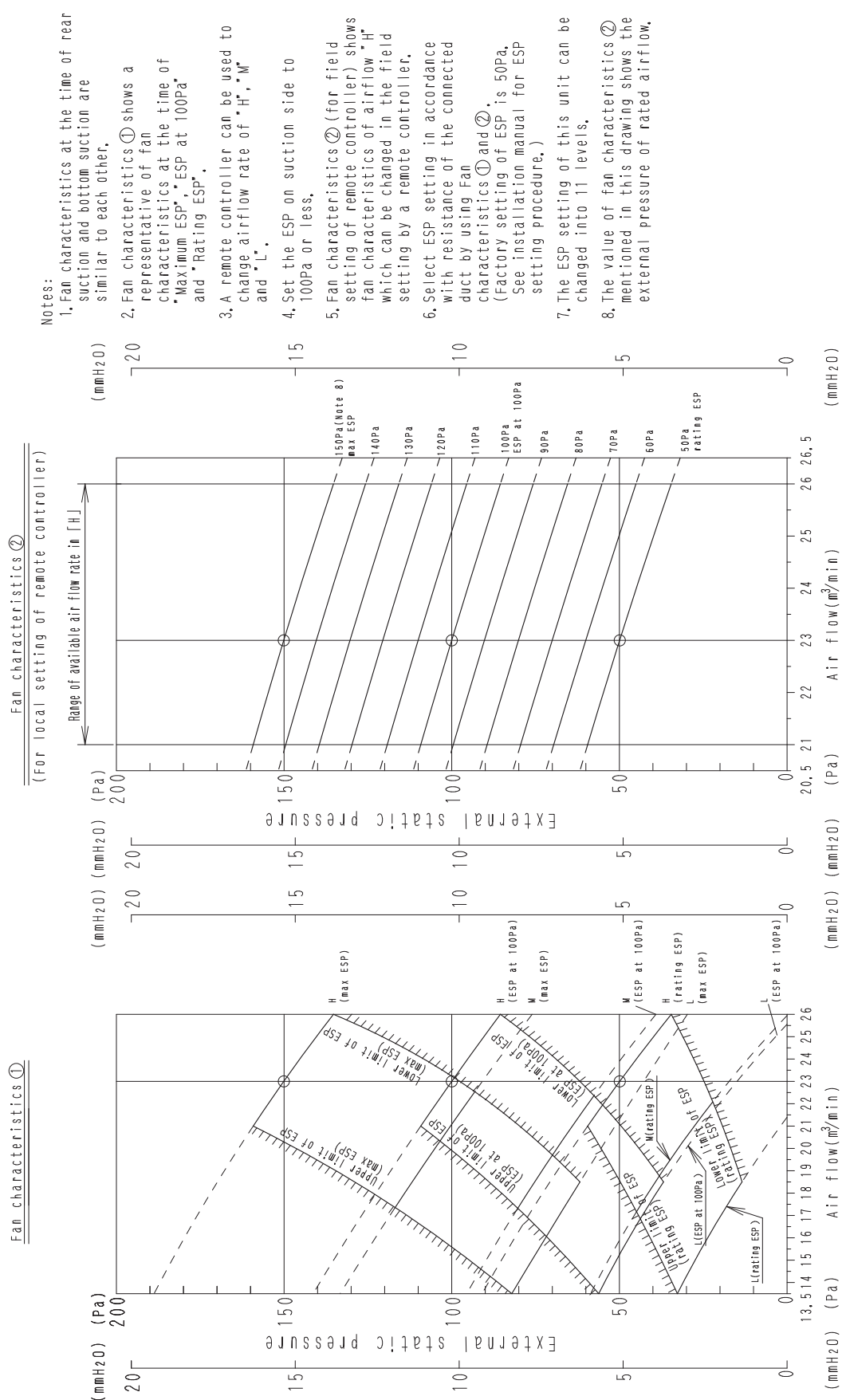
Fan characteristics ②

(For local setting of remote controller)



Notes:

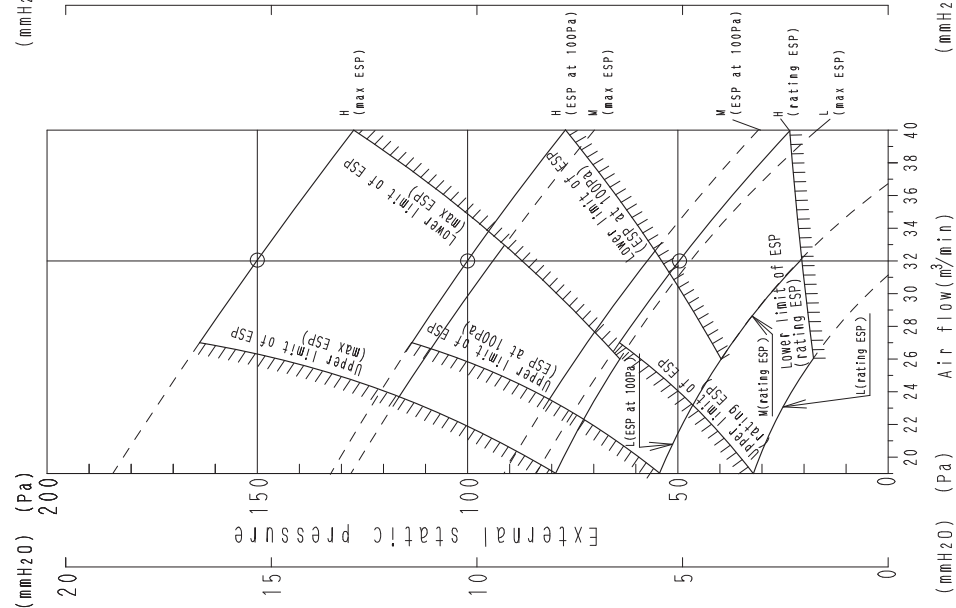
1. Fan characteristics at the time of real suction and bottom suction are similar to each other.
2. Fan characteristics ① shows a representative of fan characteristics at the time of "Maximum ESP", "ESP at 100Pa" and "Rating ESP".
3. A remote controller can be used to change airflow rate of "H", "M" and "L".
4. Set the ESP on suction side to 100Pa or less.
5. Fan characteristics ② (for field setting of remote controller) shows fan characteristics of airflow "H" which can be changed in the field setting by a remote controller.
6. Select ESP setting in accordance with resistance of the connected duct by using Fan characteristics ① and ②.
(factory setting of ESP is 50Pa.
See installation manual for ESP setting procedure.)
7. The ESP setting of this unit can be changed into 11 levels.
8. The value of fan characteristics ② mentioned in this drawing shows the external pressure of rated airflow.

FXSQ80PAVE

3D095860A

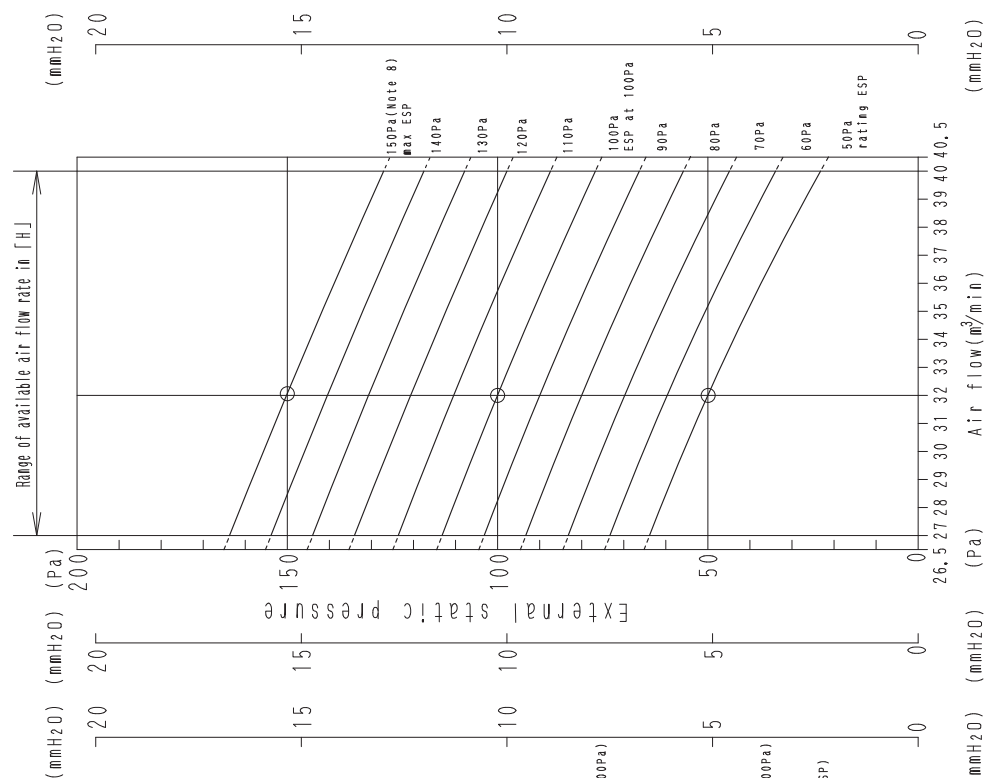
FXSQ100PAVE

Fan characteristics ①



Fan characteristics ②

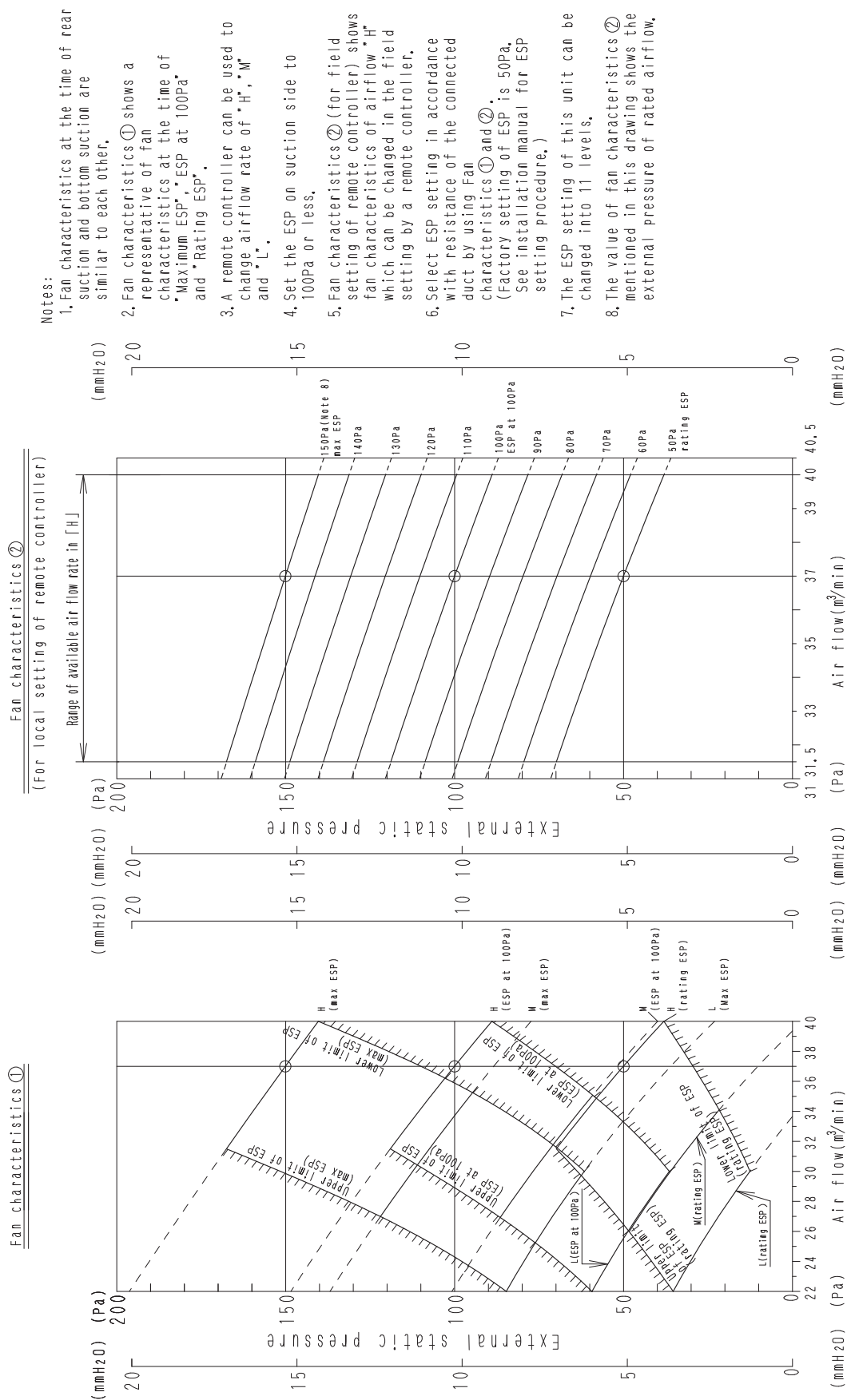
(For local setting of remote controller)



Notes:

1. Fan characteristics at the time of real suction and bottom suction are similar to each other.
2. Fan characteristics ① shows a representative of fan characteristics at the time of "Maximum ESP", "ESP at 100Pa" and "Rating ESP".
3. A remote controller can be used to change airflow rate of "H", "M" and "L".
4. Set the ESP on suction side to 100Pa or less.
5. Fan characteristics ② (for field setting of remote controller) shows fan characteristics of airflow "H" which can be changed in the field setting by a remote controller.
6. Select ESP setting in accordance with resistance of the connected duct by using Fan characteristics ① and ②.
(factory setting of ESP is 50Pa. See installation manual for ESP setting procedure.)
7. The ESP setting of this unit can be changed into 11 levels.
8. The value of fan characteristics ② mentioned in this drawing shows the external pressure of rated airflow.

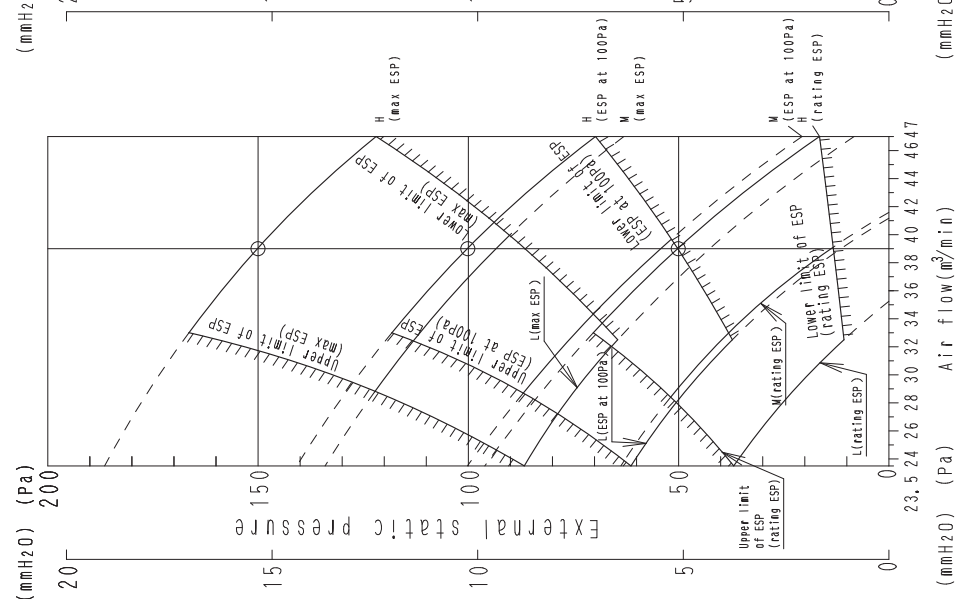
FXSQ125PAVE



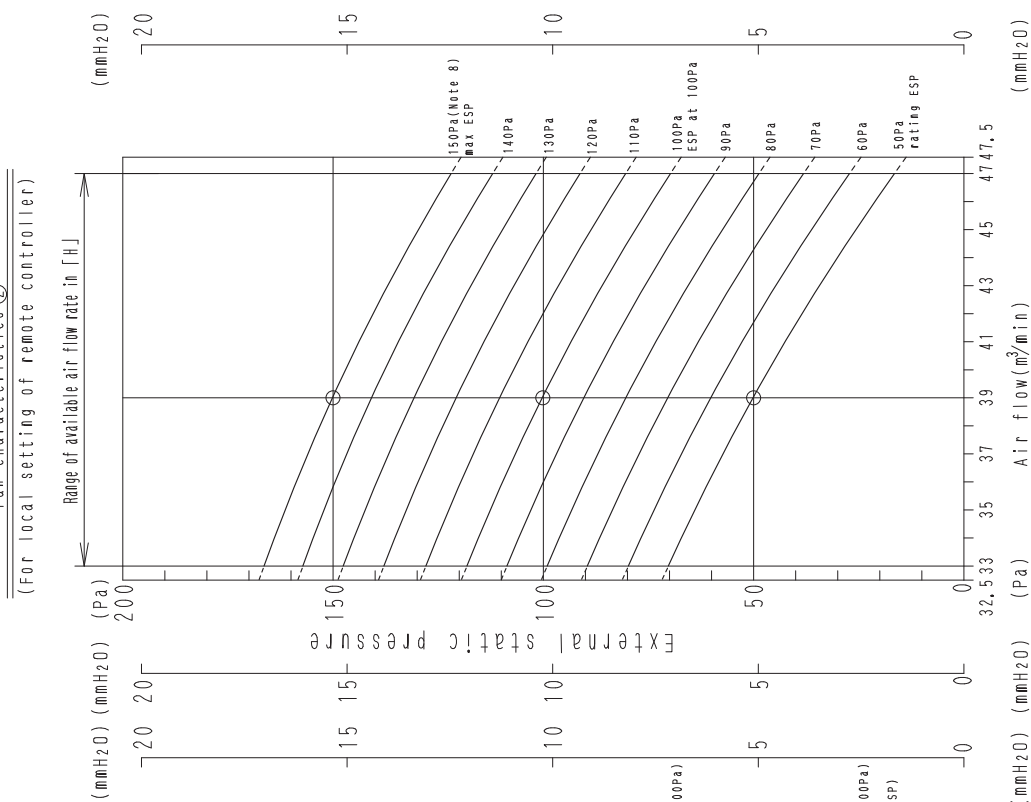
3D095862A

FXSQ140PAVE

Four characteristics ①



Fan characteristics ②



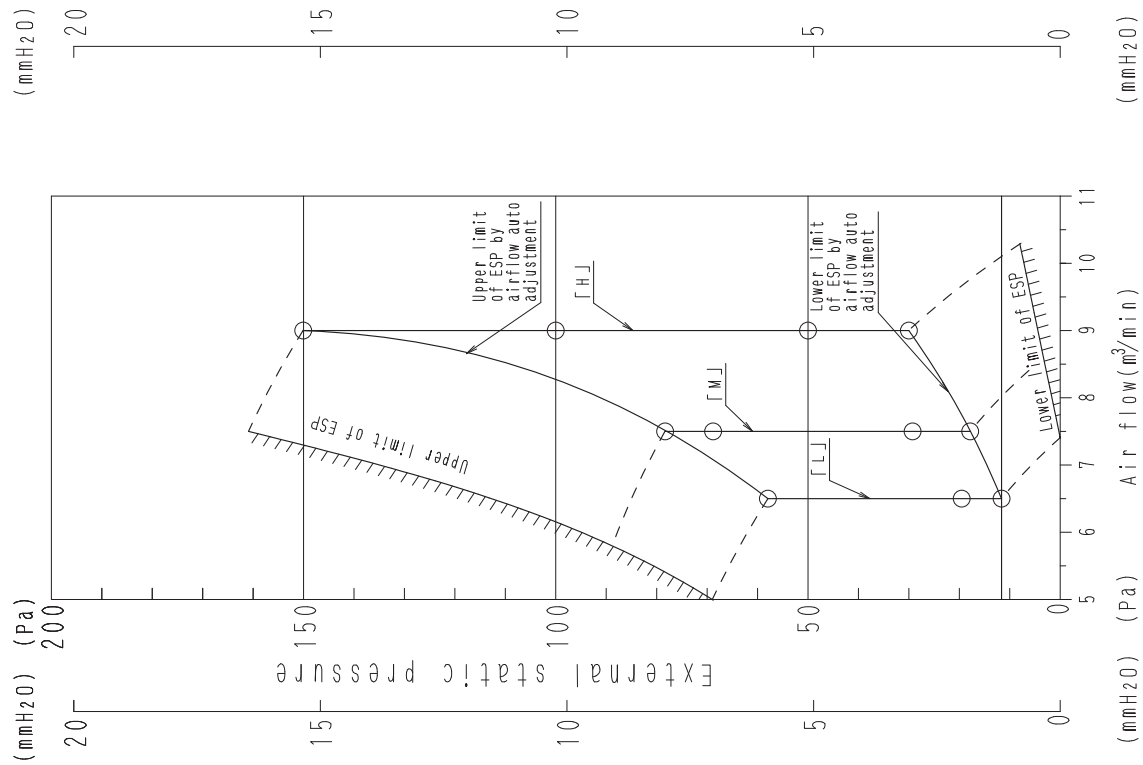
Notes:

1. Fan characteristics at the time of rear suction and bottom suction are similar to each other.
2. Fan characteristics ① shows a representative of fan characteristics at the time of "Maximum ESP", "ESP at 100Pa" and "Rating ESP".
3. A remote controller can be used to change airflow rate of "H", "M" and "L".
4. Set the ESP on suction side to 100Pa or less.
5. Fan characteristics ② (for field setting of remote controller) shows fan characteristics of airflow "H" which can be changed in the field setting by a remote controller.
6. Select ESP setting in accordance with resistance of the connected duct by using Fan characteristics ① and ②.
(factory setting of ESP is 50Pa. See installation manual for ESP setting procedure.)
7. The ESP setting of this unit can be changed into 11 levels.
8. The value of fan characteristics ② mentioned in this drawing shows the external pressure of rated airflow.

3D095863A

10.Airflow Auto Adjustment Characteristics

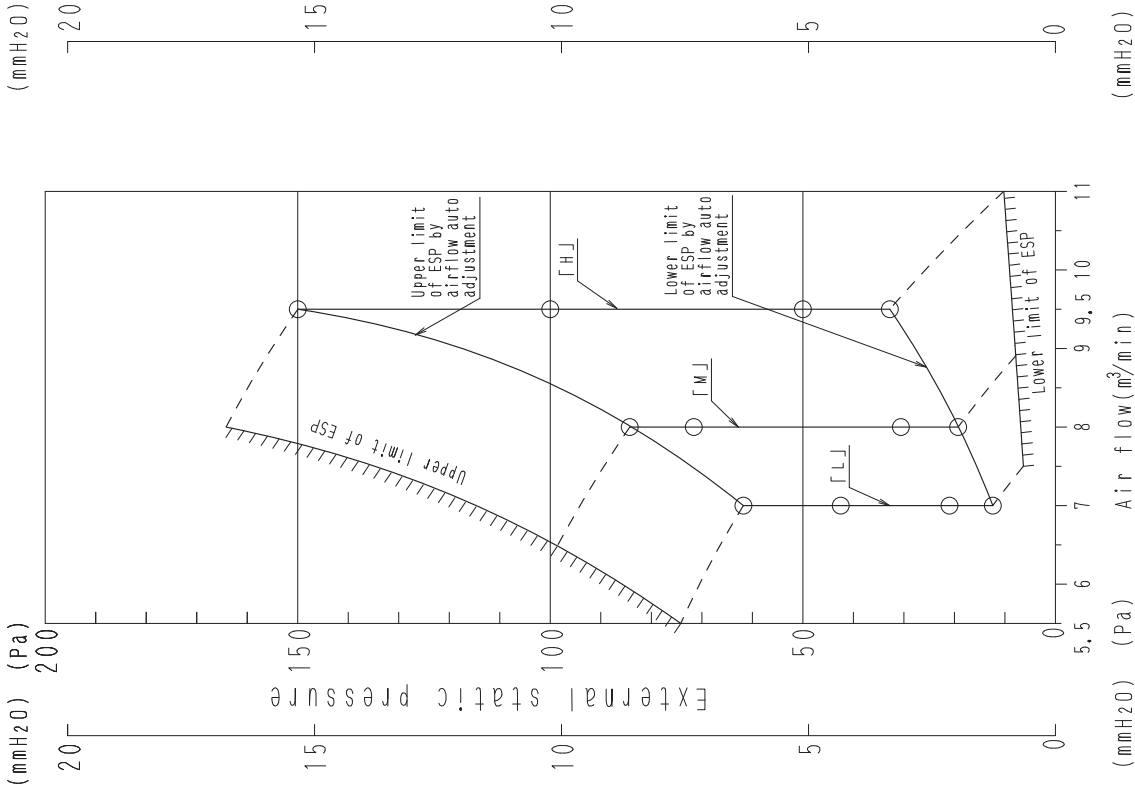
FXSQ20PAVE / FXSQ25PAVE



- Notes :
- 1.This indoor unit has the "Automatic air flow rate adjustment" function, which automatically adjusts the air flow rate so as to be approximately in the range of $\pm 10\%$ of the rated value, at the time of installation.
 2. After duct construction completion, please perform local setting "airflow auto adjustment" by remote controller.
 3. About the local setting method of the "airflow auto adjustment", look at the installation manual which is attached to an indoor unit.
 4. External static pressure that can adjust by "airflow auto adjustment" function is 30Pa - 150Pa (When air flow is H).
 5. If the unit is used beyond the range of the above-mentioned external static pressure, the air flow rate can not be well-adjusted automatically, and the unit will operate with the air flow rate different from the rated value.
 6. This figure shows a fan characteristics at the time of "H" "M" and "L".
 7. The remote controller can be used to change "H" "M" and "L".
 8. ESP : external static pressure.

3D095846A

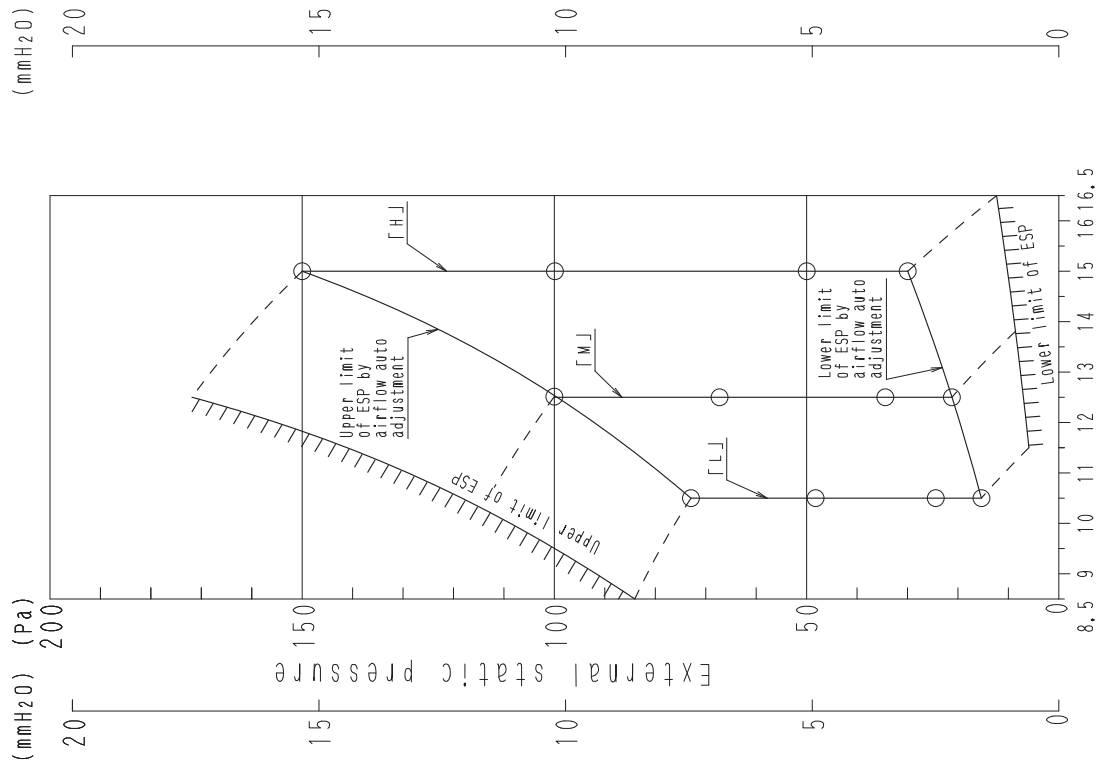
FXSQ32PAVE



- Notes :
- 1.This indoor unit has the "Automatic air flow rate adjustment" function, which automatically adjusts the air flow rate so as to be approximately in the range of $\pm 10\%$ of the rated value, at the time of installation.
 - 2.After duct construction completion, please perform local setting "airflow auto adjustment" by remote controller.
 - 3.About the local setting method of the "airflow auto adjustment", look at the installation manual which is attached to an indoor unit.
 - 4.External static pressure that can adjust by "airflow auto adjustment" function is 30Pa - 150Pa (When air flow is H).
 - 5.If the unit is used beyond the range of the above-mentioned external static pressure, the air flow rate can not be well-adjusted automatically, and the unit will operate with the air flow rate different from the rated value.
 - 6.This figure shows a fan characteristics at the time of "H", "M" and "L".
 - 7.The remote controller can be used to change "H", "M" and "L".
 - 8.ESP : external static pressure.

3D095847A

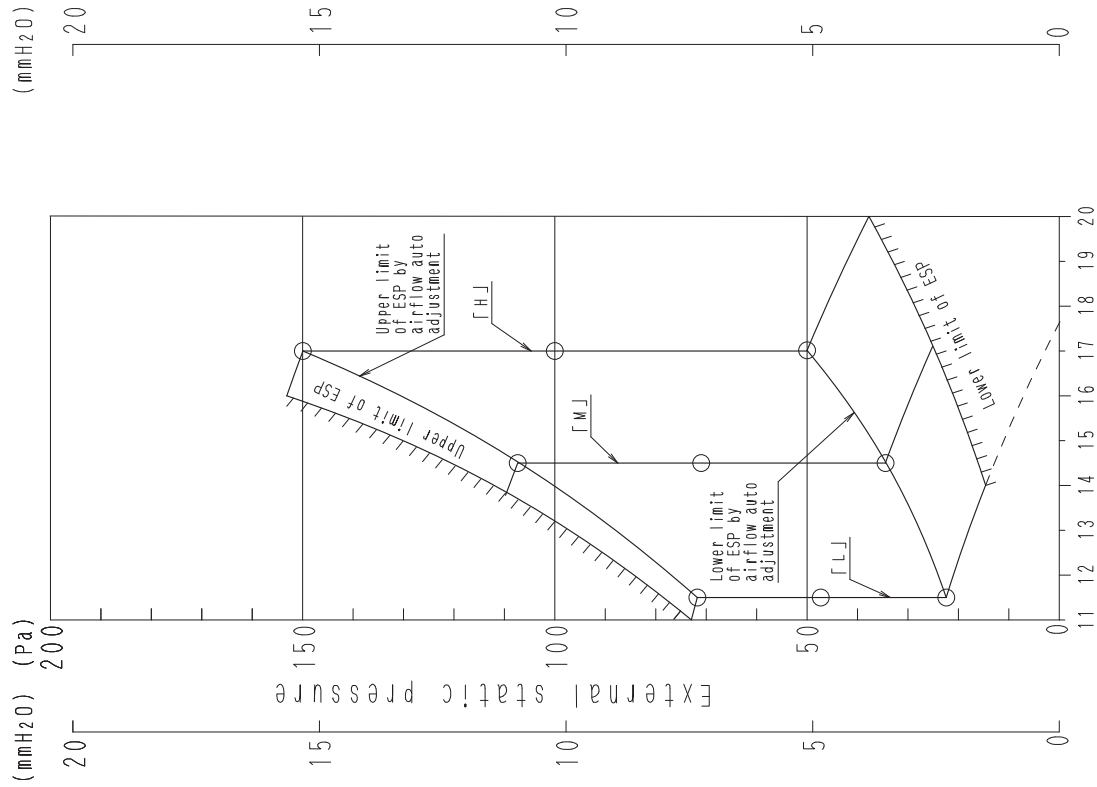
FXSQ40PAVE



- Notes :
1. This indoor unit has the "Automatic air flow rate adjustment" function, which automatically adjusts the air flow rate so as to be approximately in the range of $\pm 10\%$ of the rated value, at the time of installation.
 2. After duct construction completion, please perform local setting "airflow auto adjustment" by remote controller.
 3. About the local setting method of the "airflow auto adjustment", look at the installation manual which is attached to an indoor unit.
 4. External static pressure that can adjust by "airflow auto adjustment" function is 30Pa - 150Pa (When air flow is H).
 5. If the unit is used beyond the range of the above-mentioned external static pressure, the air flow rate can not be well-adjusted automatically, and the unit will operate with the air flow rate different from the rated value.
 6. This figure shows a fan characteristics at the time of "H" "M" and "L".
 7. The remote controller can be used to change "H" "M" and "L".
 8. ESP: external static pressure.

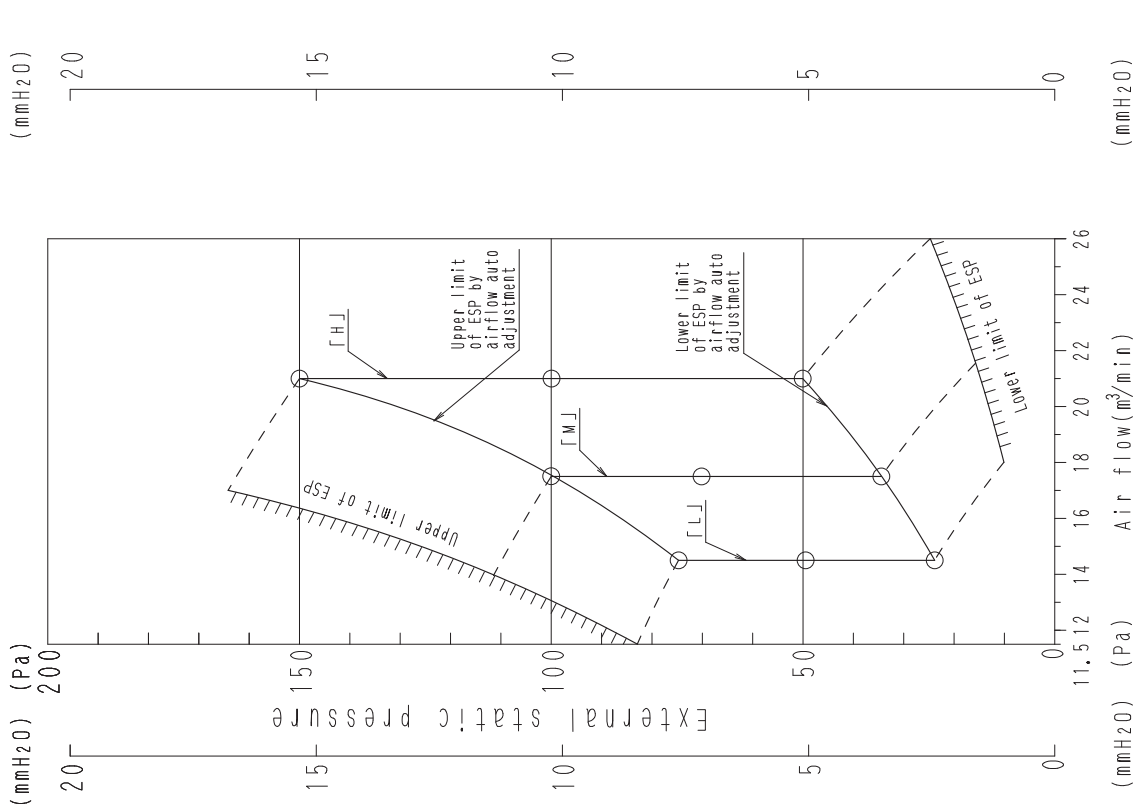
3D095848A

FXSQ50PAVE



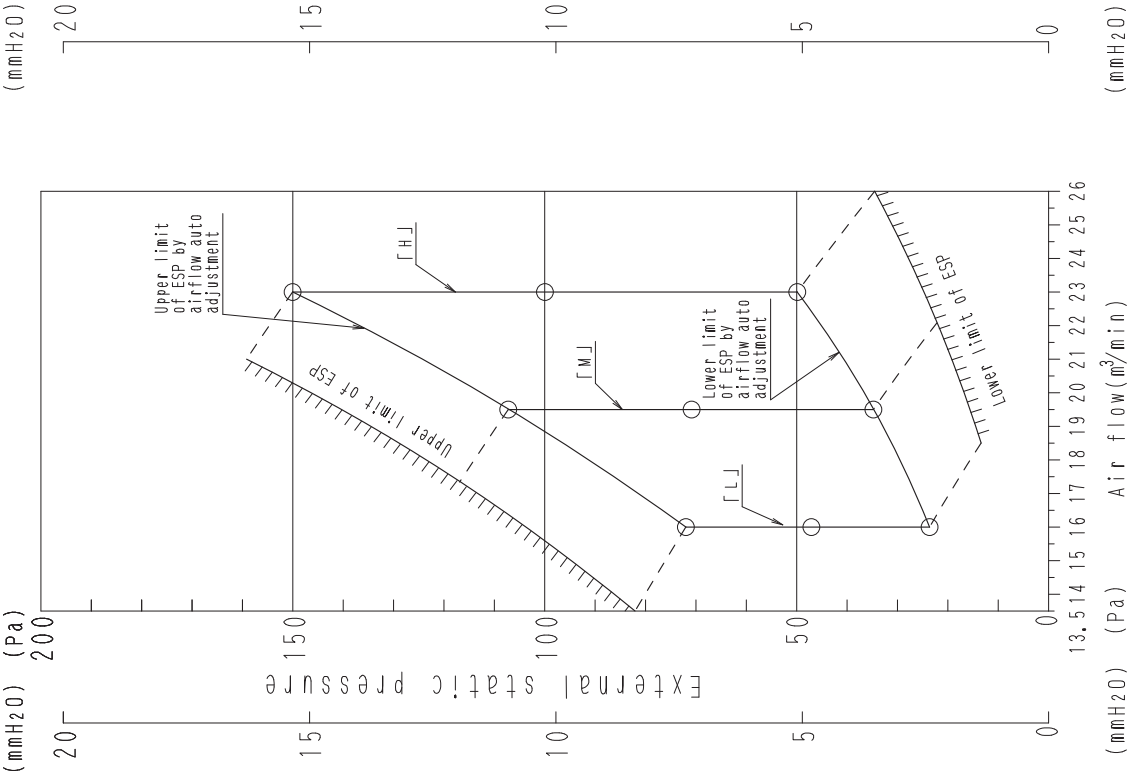
- Notes:
1. This indoor unit has the "Automatic air flow rate adjustment" function, which automatically adjusts the air flow rate so as to be approximately in the range of $\pm 10\%$ of the rated value, at the time of installation.
 2. After duct construction completion, please perform local setting "airflow auto adjustment" by remote controller.
 3. About the local setting method of the "airflow auto adjustment", look at the installation manual which is attached to an indoor unit.
 4. External static pressure that can adjust by "airflow auto adjustment" function is 50Pa ~ 150Pa (When air flow is H).
 5. If the unit is used beyond the range of the above-mentioned external static pressure, the air flow rate can not be well-adjusted automatically, and the unit will operate with the air flow rate different from the rated value.
 6. This figure shows a fan characteristics at the time of "H", "M" and "L".
 7. The remote controller can be used to change "H", "M" and "L".
 8. ESP: external static pressure.

FXSQ63PAVE



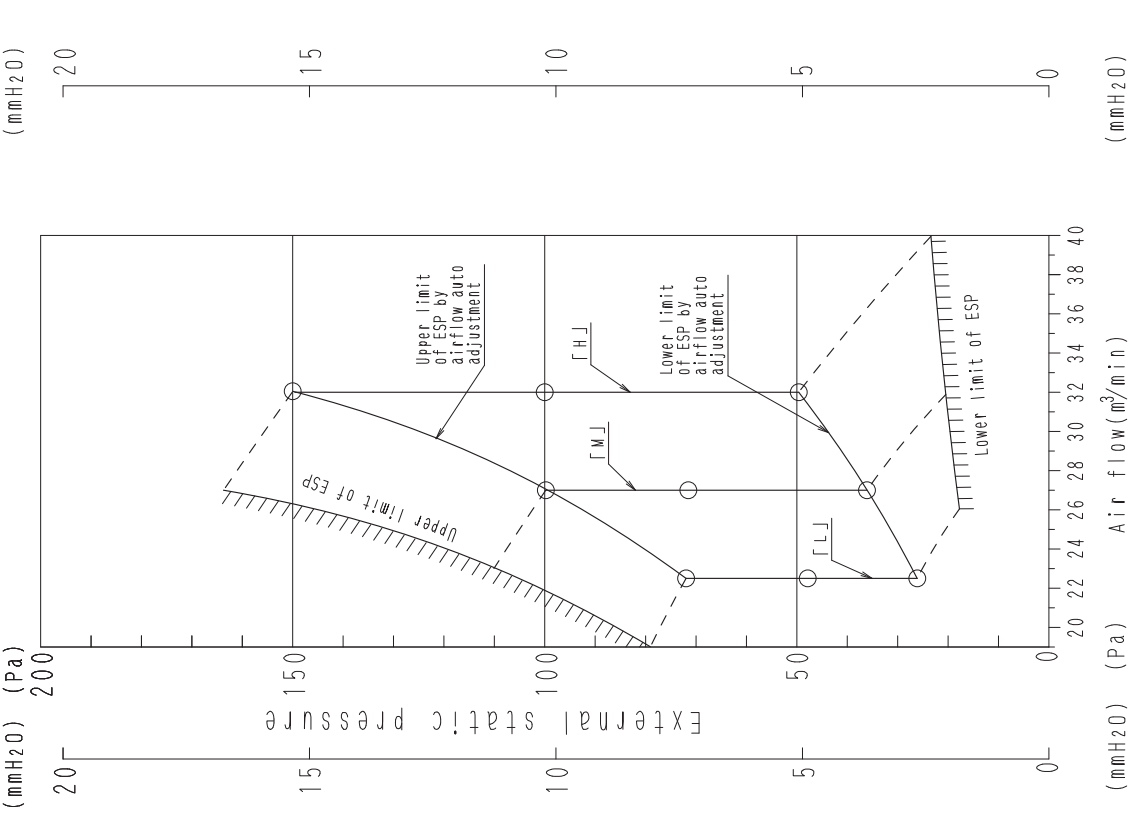
- Notes :
1. This indoor unit has the "Automatic air flow rate adjustment" function, which automatically adjusts the air flow rate so as to be approximately in the range of $\pm 10\%$ of the rated value, at the time of installation.
 2. After duct construction completion, please perform local setting "airflow auto adjustment" by remote controller.
 3. About the local setting method of the "airflow auto adjustment", look at the "installation manual" which is attached to an indoor unit.
 4. External static pressure that can adjust by "airflow auto adjustment" function is 50Pa - 150Pa (When air flow is H).
 5. If the unit is used beyond the range of the above-mentioned external static pressure, the air flow rate can not be well-adjusted automatically, and the unit will operate with the air flow rate different from the rated value.
 6. This figure shows a fan characteristics at the time of "H", "M" and "L".
 7. The remote controller can be used to change "H", "M" and "L".
 8. ESP : external static pressure.

FXSQ80PAVE



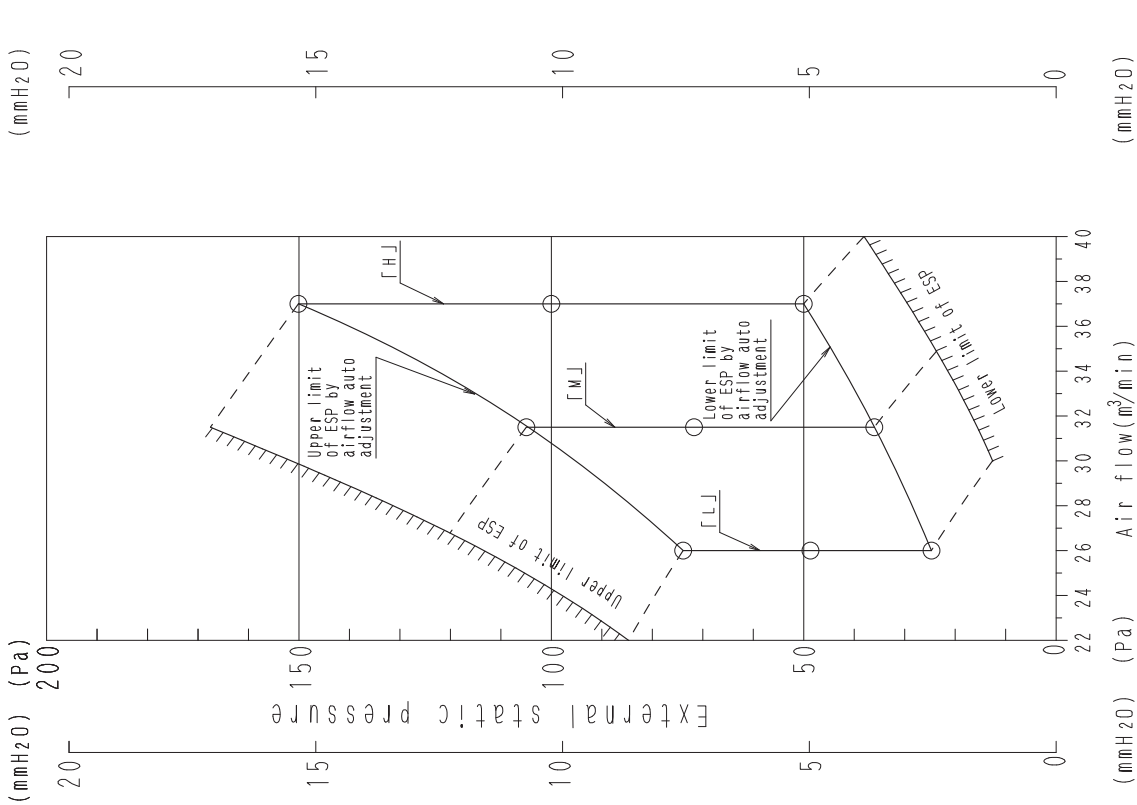
- Notes :
- 1.This indoor unit has the "Automatic air flow rate adjustment" function, which automatically adjusts the air flow rate so as to be approximately in the range of $\pm 10\%$ of the rated value, at the time of installation.
 - 2.After duct construction completion, please perform local setting "airflow auto adjustment" by remote controller.
 - 3.About the local setting method of the "airflow auto adjustment", look at the installation manual which is attached to an indoor unit.
 - 4.External static pressure that can adjust by "airflow auto adjustment" function is 50Pa ~ 150Pa (When air flow is H).
 - 5.If the unit is used beyond the range of the above-mentioned external static pressure, the air flow rate can not be well-adjusted automatically, and the unit will operate with the air flow rate different from the rated value.
 - 6.This figure shows a fan characteristics at the time of "H", "M" and "L".
 - 7.The remote controller can be used to change "H", "M" and "L".
 - 8.ESP : external static pressure.

FXSQ100PAVE



- Notes:
1. This indoor unit has the "Automatic air flow rate adjustment" function, which automatically adjusts the air flow rate so as to be approximately in the range of $\pm 10\%$ of the rated value, at the time of installation.
 2. After duct construction completion, please perform local setting "airflow auto adjustment" by remote controller.
 3. About the local setting method of the "airflow auto adjustment", look at the installation manual which is attached to an indoor unit.
 4. External static pressure that can adjust by "airflow auto adjustment" function is 50Pa - 150Pa (When air flow is H).
 5. If the unit is used beyond the range of the above-mentioned external static pressure, the air flow rate can not be well-adjusted automatically, and the unit will operate with the air flow rate different from the rated value.
 6. This figure shows a fan characteristics at the time of "H" "M" and "L".
 7. The remote controller can be used to change "H" "M" and "L".
 8. ESP: external static pressure.

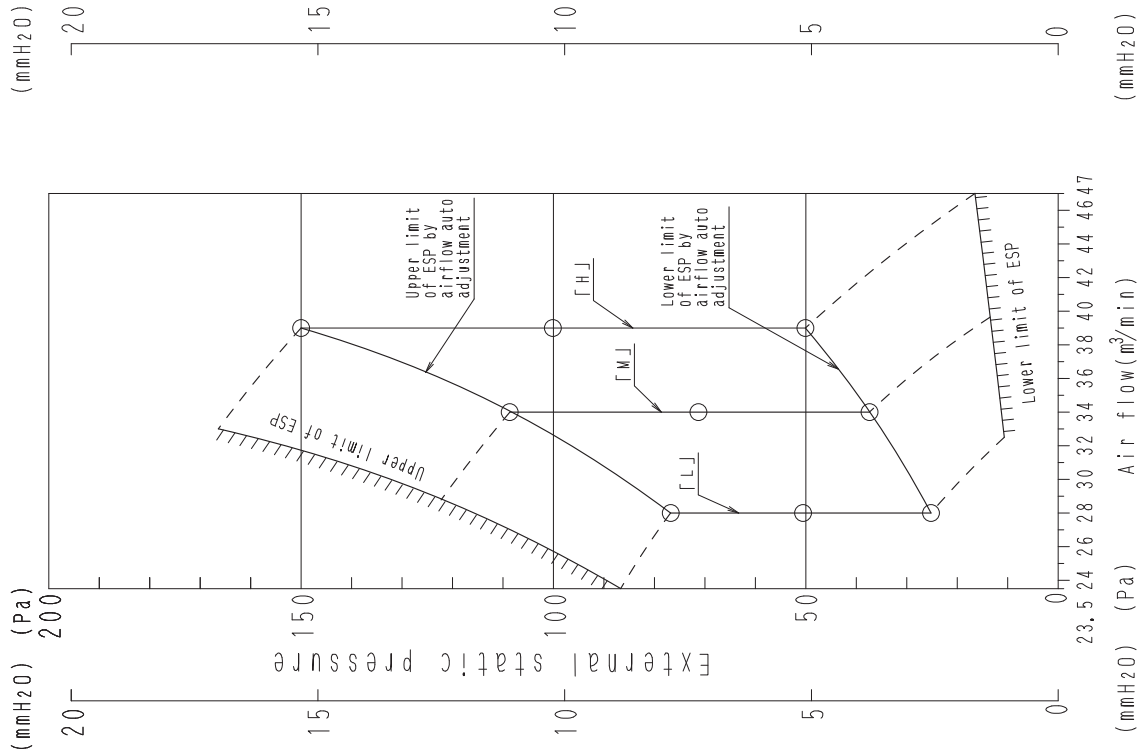
FXSQ125PAVE



- Notes:
- 1.This indoor unit has the "Automatic air flow rate adjustment" function, which automatically adjusts the air flow rate so as to be approximately in the range of $\pm 10\%$ of the rated value, at the time of installation.
 - 2.After duct construction completion, please perform local setting "airflow auto adjustment" by remote controller.
 - 3.About the local setting method of the "airflow auto adjustment", look at the installation manual which is attached to an indoor unit.
 - 4.External static pressure that can adjust by "airflow auto adjustment" function is 50Pa ~ 150Pa (When air flow is H).
 - 5.If the unit is used beyond the range of the above-mentioned external static pressure, the air flow rate can not be well-adjusted automatically, and the unit will operate with the air flow rate different from the rated value.
 - 6.This figure shows a fan characteristics at the time of "H", "M" and "L".
 - 7.The remote controller can be used to change "H", "M" and "L".
 - 8.ESP: external static pressure.

3D095853A

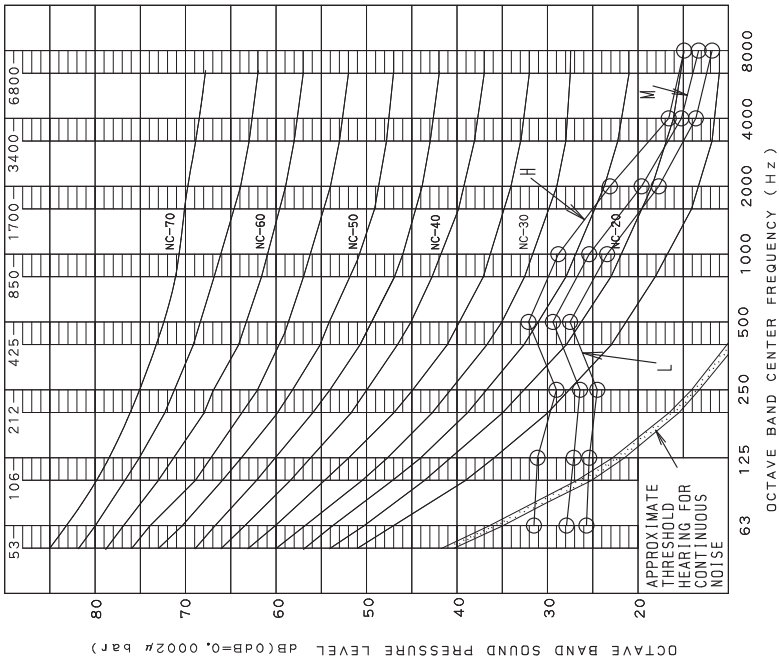
FXSQ140PAVE



- Notes :
- 1.This indoor unit has the "Automatic air flow rate adjustment" function, which automatically adjusts the air flow rate so as to be approximately in the range of $\pm 10\%$ of the rated value, at the time of installation.
 - 2.After duct construction completion, please perform local setting "airflow auto adjustment" by remote controller.
 - 3.About the local setting method of the "airflow auto adjustment", look at the installation manual which is attached to an indoor unit.
 - 4.External static pressure that can adjust by "airflow auto adjustment" function is 50Pa - 150Pa (When air flow is H).
 - 5.If the unit is used beyond the range of the above-mentioned external static pressure, the air flow rate can not be well-adjusted automatically, and the unit will operate with the air flow rate different from the rated value.
 - 6.This figure shows a fan characteristics at the time of "H", "M" and "L".
 - 7.The remote controller can be used to change "H", "M" and "L".
 - 8.ESP : external static pressure.

11.Sound Levels

FXSQ20PAVE / FXSQ25PAVE



SCALE	AIR FLOW RATE		
	H	M	L
A	33.0	30.0	28.0
C	38.0	35.0	33.0

(B, G, N IS ALREADY RECTIFIED)

MEASURING PLACE	
ANECHOIC CHAMBER	

OPERATING CONDITIONS

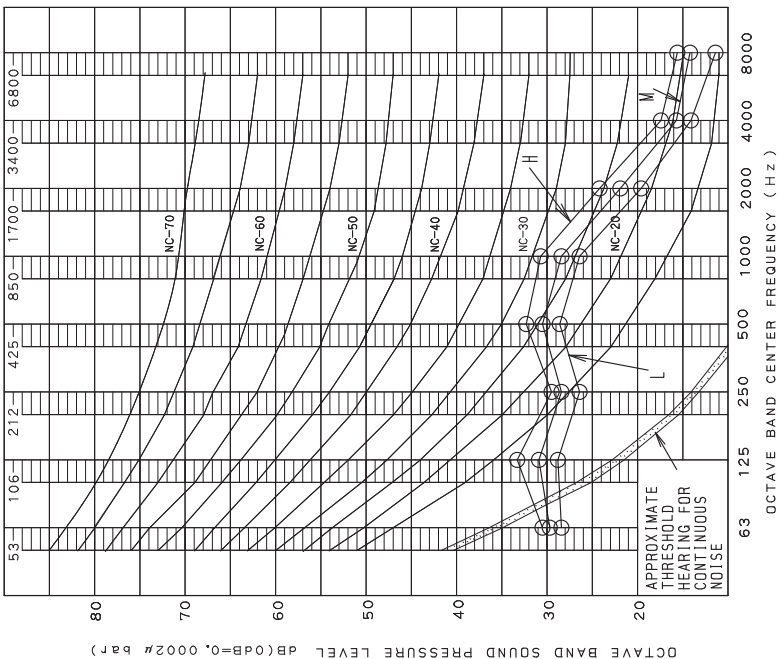
POWER SOURCE	220-240V 50Hz / 220V 60Hz
RETURN AIR TEMPERATURE	27℃DB, 19℃WB
COOLING OUTDOOR TEMPERATURE	35℃DB, 24℃WD
HEATING RETURN AIR TEMPERATURE	20℃DB, 15℃WB
OUTDOOR TEMPERATURE	7℃DB, 6℃WB

EXTERNAL STATIC PRESSURE 50Pa

NOTE: Operation noise differs with operation and ambient conditions.

4D095804B

FXSQ32PAVE



SCALE	AIR FLOW RATE		
	H	M	L
A	34.0	32.0	30.0
C	39.0	37.0	35.0

(B, G, N IS ALREADY RECTIFIED)

MEASURING PLACE	
ANECHOIC CHAMBER	

OPERATING CONDITIONS

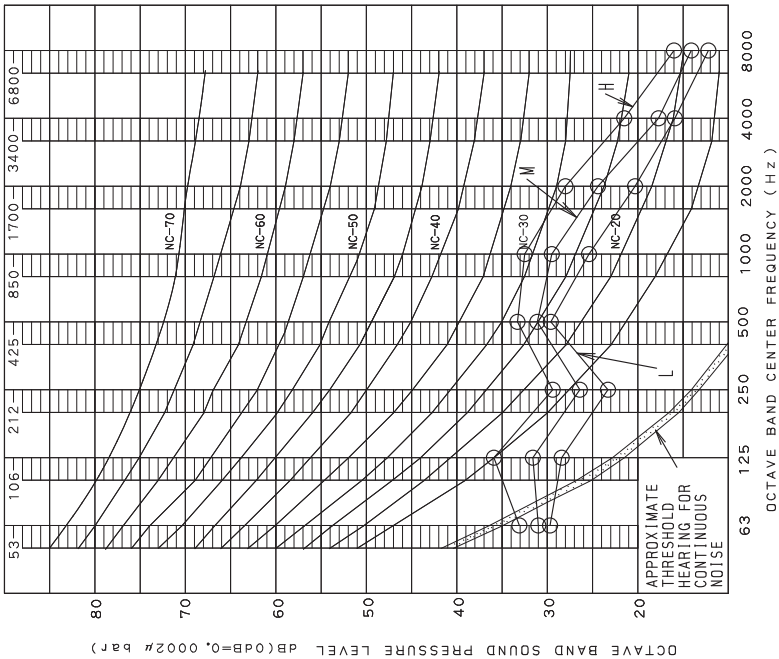
POWER SOURCE	220-240V 50Hz / 220V 60Hz
RETURN AIR TEMPERATURE	27℃DB, 19℃WB
COOLING OUTDOOR TEMPERATURE	35℃DB, 24℃WD
HEATING RETURN AIR TEMPERATURE	20℃DB, 15℃WB
OUTDOOR TEMPERATURE	7℃DB, 6℃WB

EXTERNAL STATIC PRESSURE 50Pa

NOTE: Operation noise differs with operation and ambient conditions.

4D095805B

FXSQ40PAVE



SCALE	AIR FLOW RATE		
	H	M	L
A	36.0	33.0	30.0
C	40.0	37.0	35.0

(B, G, N IS ALREADY RECTIFIED)

MEASURING PLACE	
ANECHOIC CHAMBER	

OPERATING CONDITIONS

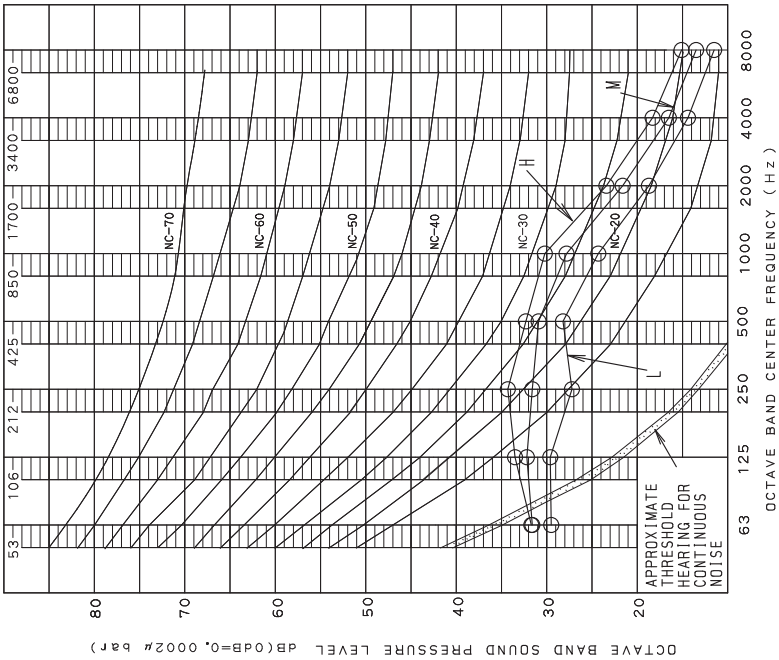
POWER SOURCE	220-240V 50Hz / 220V 60Hz
RETURN AIR TEMPERATURE	27°C DB, 19°C WB
COOLING OUTDOOR TEMPERATURE	35°C DB, 24°C WD
HEATING RETURN AIR TEMPERATURE	20°C DB, 15°C WB
OUTDOOR TEMPERATURE	7°C DB, 6°C WB

EXTERNAL STATIC PRESSURE 50Pa

NOTE: Operation noise differs with operation and ambient conditions.

4D095806B

FXSQ50PAVE



SCALE	AIR FLOW RATE		
	H	M	L
A	34.0	32.0	29.0
C	40.0	38.0	35.0

(B, G, N IS ALREADY RECTIFIED)

MEASURING PLACE	
ANECHOIC CHAMBER	

OPERATING CONDITIONS

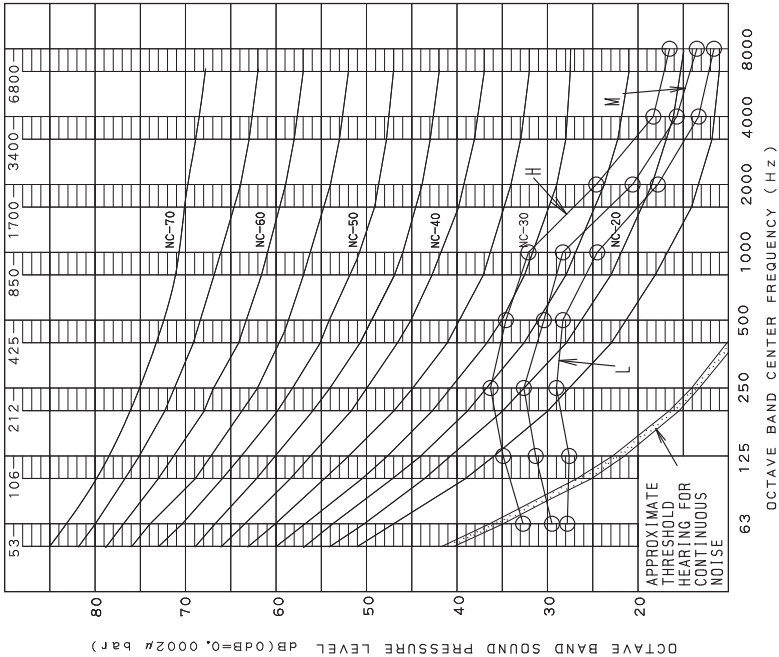
POWER SOURCE	220-240V 50Hz / 220V 60Hz
RETURN AIR TEMPERATURE	27°C DB, 19°C WB
COOLING OUTDOOR TEMPERATURE	35°C DB, 24°C WD
HEATING RETURN AIR TEMPERATURE	20°C DB, 15°C WB
OUTDOOR TEMPERATURE	7°C DB, 6°C WB

EXTERNAL STATIC PRESSURE 50Pa

NOTE: Operation noise differs with operation and ambient conditions.

4D095807B

FXSQ63PAVE



SCALE	AIR FLOW RATE		
	H	M	L
A	36.0	32.0	29.0
C	41.0	38.0	35.0

(B, G, N IS ALREADY RECTIFIED)

MEASURING PLACE	
ANECHOIC CHAMBER	

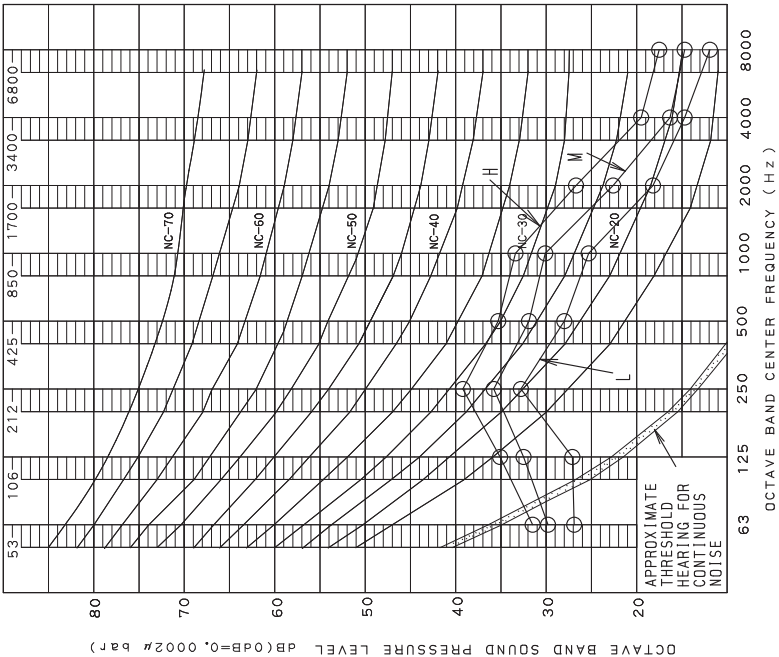
OPERATING CONDITIONS

POWER SOURCE	220-240V 50Hz / 220V 60Hz
RETURN AIR TEMPERATURE	27°C DB, 19°C WB
COOLING OUTDOOR TEMPERATURE	35°C DB, 24°C WD
HEATING RETURN AIR TEMPERATURE	20°C DB, 15°C WB
OUTDOOR TEMPERATURE	7°C DB, 6°C WB
EXTERNAL STATIC PRESSURE	50Pa

NOTE: Operation noise differs with operation and ambient conditions.

4D095808B

FXSQ80PAVE



SCALE	AIR FLOW RATE		
	H	M	L
A	37.5	34.0	30.0
C	43.0	40.0	36.0

(B, G, N IS ALREADY RECTIFIED)

MEASURING PLACE	
ANECHOIC CHAMBER	

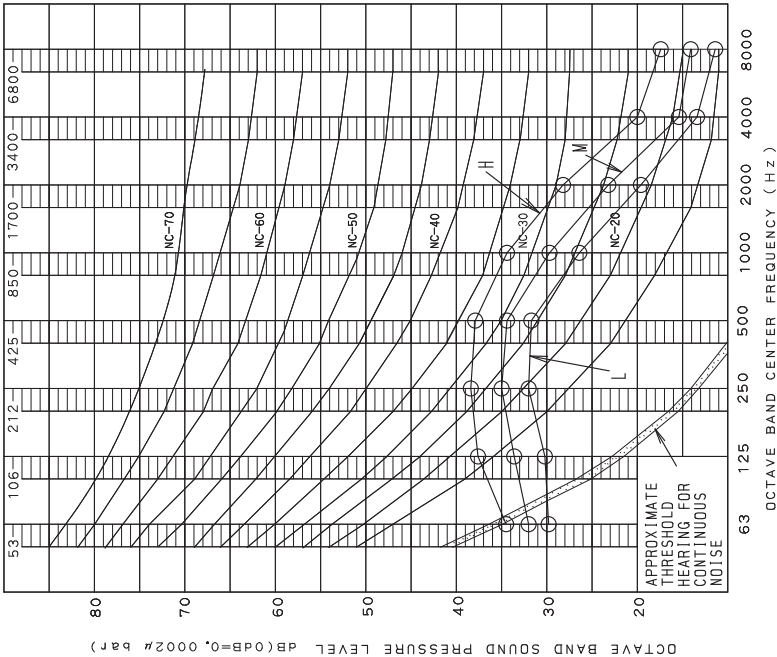
OPERATING CONDITIONS

POWER SOURCE	220-240V 50Hz / 220V 60Hz
RETURN AIR TEMPERATURE	27°C DB, 19°C WB
COOLING OUTDOOR TEMPERATURE	35°C DB, 24°C WD
HEATING RETURN AIR TEMPERATURE	20°C DB, 15°C WB
OUTDOOR TEMPERATURE	7°C DB, 6°C WB
EXTERNAL STATIC PRESSURE	50Pa

NOTE: Operation noise differs with operation and ambient conditions.

4D095809B

FXSQ100PAVE



OPERATING CONDITIONS

POWER SOURCE 220-240V 50Hz / 220V 60Hz

RETURN AIR TEMPERATURE:27℃DB, 19℃WB

COOLING OUTDOOR TEMPERATURE:35℃DB, 24℃WD

HEATING RETURN AIR TEMPERATURE:20℃DB, 15℃WB

OUTDOOR TEMPERATURE:7℃DB, 6℃WB

EXTERNAL STATIC PRESSURE 50Pa

OVER ALL (dB)

SCALE	AIR FLOW RATE		
	H	M	L
A	39.0	35.0	32.0
C	44.0	40.0	37.0

(B, G, N IS ALREADY RECTIFIED)

MEASURING PLACE

ANECHOIC CHAMBER

DISCHARGE

DUCT

DUCT

SUCTION

1m

2m

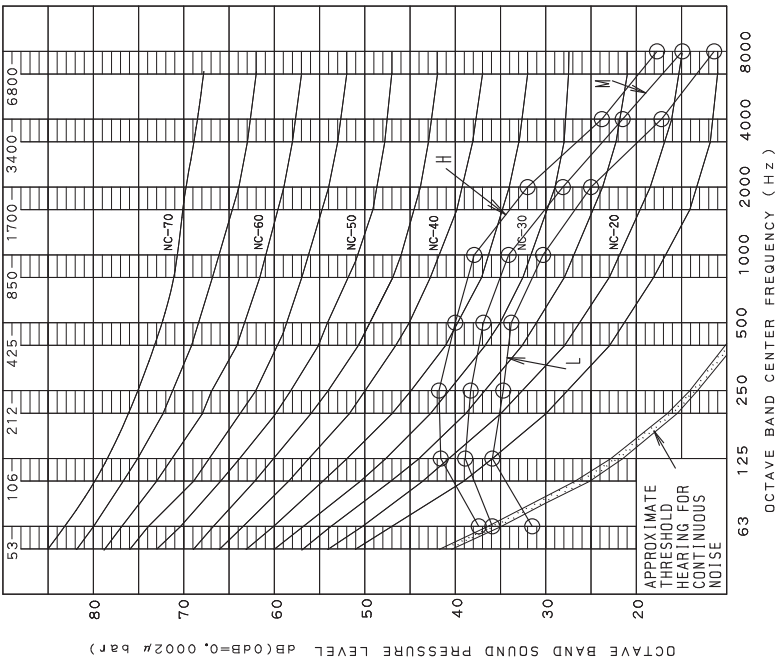
1.5m

MICROPHONE

NOTE: Operation noise differs with operation and ambient conditions.

4D095810B

FXSQ125PAVE



OPERATING CONDITIONS

POWER SOURCE 220-240V 50Hz / 220V 60Hz

RETURN AIR TEMPERATURE:27℃DB, 19℃WB

COOLING OUTDOOR TEMPERATURE:35℃DB, 24℃WD

HEATING RETURN AIR TEMPERATURE:20℃DB, 15℃WB

OUTDOOR TEMPERATURE:7℃DB, 6℃WB

EXTERNAL STATIC PRESSURE 50Pa

OVER ALL (dB)

SCALE	AIR FLOW RATE		
	H	M	L
A	42.0	38.5	35.0
C	47.0	44.0	41.0

(B, G, N IS ALREADY RECTIFIED)

MEASURING PLACE

ANECHOIC CHAMBER

DISCHARGE

DUCT

DUCT

SUCTION

1m

2m

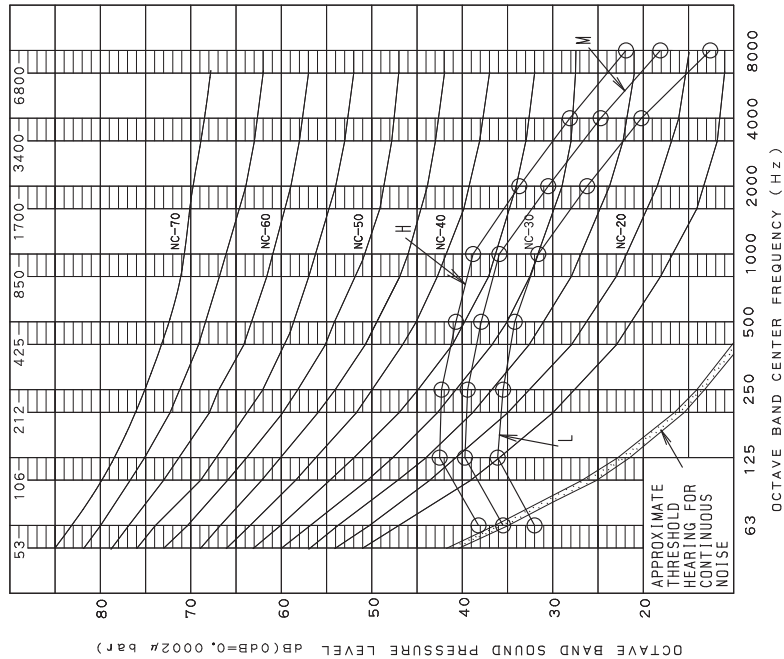
1.5m

MICROPHONE

NOTE: Operation noise differs with operation and ambient conditions.

4D095811B

FXSQ140PAVE



SCALE	AIR FLOW RATE		
	H	M	L
A	43.0	40.0	36.0
C	48.0	45.0	41.0

(B, G, N IS ALREADY RECTIFIED)

MEASURING PLACE

ANECHOIC CHAMBER

OPERATING CONDITIONS

POWER SOURCE: 220-240V 50Hz / 220V 60Hz

RETURN AIR TEMPERATURE: 27°C DB, 19°C WB

COOLING OUTDOOR TEMPERATURE: 35°C DB, 24°C WD

HEATING RETURN AIR TEMPERATURE: 20°C DB, 15°C WB

OUTDOOR TEMPERATURE: 7°C DB, 6°C WB

EXTERNAL STATIC PRESSURE: 50Pa

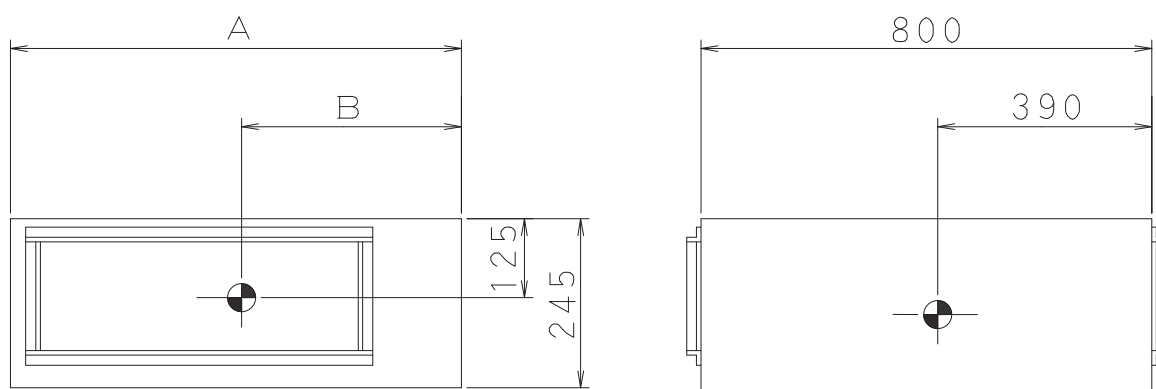
NOTE: Operation noise differs with operation and ambient conditions.

4D095812B

12.Centre of Gravity

**FXSQ20PAVE / FXSQ25PAVE / FXSQ32PAVE / FXSQ40PAVE / FXSQ50PAVE / FXSQ63PAVE /
FXSQ80PAVE / FXSQ100PAVE / FXSQ125PAVE / FXSQ140PAVE**

Unit: mm



MODEL NAME	A	B
FXSQ20・25・32PVE(4) FXSQ20・25・32PV2S	550	220
FXSQ40PVE(4) FXSQ40PV2S	700	290
FXSQ50・63・80PVE(4) FXSQ50・63・80PV2S	1000	475
FXSQ100・125PVE(4) FXSQ100・125PV2S	1400	620
FXSQ140PVE(4) FXSQ140PV2S	1550	685