



Product Catalog

Trane Advantage™ VRF Indoor Unit

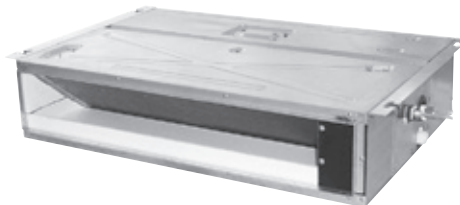


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Nomenclature

Indoor Units

Nomenclature

4	T	V	D	0	0	1	8	B	1	0	0	N	B
1	2	3	4	5	6	7	8	9	10	11	12	13	14

Digit 1 — Refrigerant

4 = R-410a

Digit 2 — Brand Name

T = Trane

Digit 3 — System Type

V = Variable Refrigerant Flow

Digit 4 — Configuration Type

A = High Pressure Static Duct Type

B = Mini 4-Way Cassette

C = 4-Way Cassette

D = Mid Pressure Static Duct Type

E = 1-Way Cassette

L = Slim Duct Type (Low Pressure)

X = Convertible Floor/Ceiling

W = High Wall Type

Digit 5 — Reserved for Future Use

0 = Not currently used

Digit 6, 7, 8 — Nominal Capacity (Btu/h x 1,000)

007= 7,000 Btu/h

009= 9,000 Btu/h

012= 12,000 Btu/h

015= 15,000 Btu/h

018= 18,000 Btu/h

024= 24,000 Btu/h

030= 30,000 Btu/h

036= 36,000 Btu/h

048= 48,000 Btu/h

076= 76,000 Btu/h

096= 96,000 Btu/h

Digit 9 — Major Development Sequence

B = Second Development Sequence

Digit 10 — Electric Power Supply Characteristics

1 = 208~230/60/1

Digit 11 — Reserved for Future Use

0 = Not currently used

Digit 12 — Reserved for Future Use

0 = Not currently used

Digit 13 — Region of Sale







































N = North America (UL or ETL)

Digit 14 — Minor Design Sequence

B = Second Design Sequence

Products

Application Matrix

Capacity Type	7.5MBH	9.0MBH	9.5MBH	12MBH	18MBH	20MBH	24MBH	30MBH	36MBH	48MBH	76.8MBH	96MBH
Slim 1 way cassette												
4 way cassette												
Mini 4 way cassette												
Slim duct												
MSP duct												
HSP duct												
Ceiling												
High Wall												

Indoor units

Products

Controls

Family	Description	Trane Model Number
Integrated System Management	VRF System Controller	TVCTRLTIMD00A0
	VRF Enterprise Management Software	TVCTRLTSTP3P00
	VRF Power Meter Interface Module	TVCTRLTIMB16A0
Building Management System Gateways	VRF System Controller+BACnet	TVCTRLTIMB17A0
	VRF System Controller+LONTalk	TVCTRLTIMB18A0
Centralized Control Systems	VRF Central On/Off Controller	TVCTRLCMA202D
	VRF System TouchScreen Control	TVCTRLCMA300T
	VRF Mode Select Switch	TVCTRLCMA2000
Zone Controllers	VRF Wireless Remote Control	TVCTRLRDH00UT
	VRF Wired Remote Control	TVCTRLTWRWE10T
	VRF Duct Signal Receiver & Wire	TVCTRLRKA10N0
Interface Modules	VRF External Contact Interface Module	TVCTRLTIMB14A0
Sensors	VRF Ext. Room Temp Sensor	TVCTRLRWTA000
	VRF Motion Sensor Mini 4Way	MOTIONSEN4TVB
Commissioning and Utility Kits	VRF Auto-Commissioning Tool	TVCTRLTIMC1000
	VRF Technician Utilities	TVCTRLTIMC0300

Accessories

Family	Description	Trane Model Number
Y- joint	VRF Y-joint <51MBh	4YDK1509B0051A
	VRF Y-joint 51-138MBh	4YDK2512B0138A
	VRF Y-joint 138-160MBh	4YDK2812B0160A
	VRF Y-joint 160-240MBh	4YDK2815B0240A
	VRF Y-joint 240-336MBh	4YDK3419B0336A
	VRF Y-joint 336-468MBh	4YDK4119B0468A
	VRF Y-joint >468MBh	4YDK4422B0999A
Y-joint (High Pressure Gas for HR)	VRF Y-joint HR ≤80MBh	4YDK1500B0080A
	VRF Y-joint HR 80-240MBh	4YDK2500B0240A
	VRF Y-joint HR 240-468MBh	4YDK3100B0468A
	VRF Y-joint HR >468MBh	4YDK3800B0999A
Outdoor T Joint (Outdoor Connection)	VRF T-joint ≤468MBh	4TDK3819B0000A
	VRF T-joint HR ≤468MBh	4TDK3100B0000A
Header Joint	VRF Header Joint 4Units <160MBh	4HJK2512B0159A
	VRF Header Joint 8Units ≤240MBh	4HJK3115B0241A
	VRF Header Joint 8Units >240MBh	4HJK3819B0998A
MCU-KIT	VRF MCU Kit up to 6 IDU	4MCUCUY6NCE000
	VRF MCU Kit up to 4 IDU	4MCUCUY4NCE000
	VRF MCU Kit 2 IDU HSP Only	4MCUCUY2NCE000
EEV Kits (For Wall-mounted & Ceiling indoor unit)	VRF EEV 1x 7-15.5& 1x 17-31MBh	4EEVXDA24K132A
	VRF EEV Kit 2Unit 7-15.5MBh	4EEVXDA24K200A
	VRF EEV Kit 2Unit 17-31MBh	4EEVXDA32K200A
	VRF EEV 2x 7-15.5& 1x 17-31MBh	4EEVXDA24K232A
	VRF EEV Kit 3Unit 7-15.5MBh	4EEVXDA24K300A
	VRF EEV 1x 7-15.5& 2x 17-31MBh	4EEVXDA32K224A
	VRF EEV Kit 3Unit 17-31MBh	4EEVXDA32K300A
	VRF EEV Kit 1Unit 7-15.5MBh	4EEVEVA24SA000
AHU Kit	VRF AHU Kit 24-30MBh	4EEVAKA40K1025
	VRF AHU Kit 48-60MBh	4EEVAKA40K1050
	VRF AHU Kit 72-90MBh	4EEVAKA64K1075
	VRF AHU Kit 96-112MBh	4EEVAKA64K1100
DRAIN PUMP	VRF Drain Pump Slim Duct	CONDPUMPXVLB01
	VRF Drain Pump MSP 18/24MBh	CONDPUMPXVMB01
	VRF Drain Pump MSP 30/36MBh	CONDPUMPXVMB02
	VRF Drain Pump MSP48/ HSP36-48MBh	CONDPUMPXVDB01
	VRF Drain Pump HSP 76.8/96MBh	CONDPUMPXVHB01
CASSETTE PANEL	VRF Cassette Panel Slim 1Way	TVEPANPC1NUSET
	VRF Cassette Panel Sliding 1Way	TVEPANPC1NUAET
	VRF Cassette Panel Mini 4Way	TVEPANPC4SUSSET
	VRF Cassette Panel 4Way	TVEPANPC4NUSET

1 Slim 1 way cassette

1-1. Specifications

Technical specifications

Model Name				4TVE0007B100NB	4TVE0009B100NB	4TVE0012B100NB
Power Supply				208~230/60/1	208~230/60/1	208~230/60/1
Performance	Capacity (Nominal) ¹	Cooling	Btu/h	7,500	9,500	12,000
		Heating	Btu/h	8,500	10,500	13,500
Power	Power Input (Nominal) ¹	Cooling	W	40.0	45.0	50.0
		Heating		40.0	45.0	50.0
	Current Input (Nominal) ¹	Cooling	A	0.23	0.25	0.28
		Heating		0.23	0.25	0.28
Fan	Motor	Type (Qty.)	-	Crossflow Fan	Crossflow Fan	Crossflow Fan
		Output (Each)	W	20 x 1	20 x 1	20 x 1
	Airflow Rate	H/M/L	CFM	245/210/175	245/210/175	280/245/210
	External Static Pressure	Min/Std/Max	in. WG	-	-	-
Piping Connections	Liquid Pipe		Ø inch	1/4	1/4	1/4
	Gas Pipe		Ø inch	1/2	1/2	1/2
	Drain Pipe		Ø inch	VP 20 (OD 1", ID 3/4")	VP 20 (OD 1", ID 3/4")	VP 20 (OD 1", ID 3/4")
Refrigerant	Type		-	R410A	R410A	R410A
	Control Method		-	EEV (Included)	EEV (Included)	EEV (Included)
Sound ²	Sound Pressure	H/M/L	dB(A)	27.0/25.0/23.0	29.0/27.0/24.0	35.0/31.0/27.0
External Dimensions	Net Weight		lbs.	23.15	23.15	23.15
	Shipping Weight		lbs.	29.75	29.75	29.75
	Net Dimensions (Wxhxd)		inches	38 1/4 x 5 3/8 x 16 1/8	38 1/4 x 5 3/8 x 16 1/8	38 1/4 x 5 3/8 x 16 1/8
	Shipping Dimensions (Wxhxd)		inches	43 7/8 x 8 3/8 x 15 13/16	43 7/8 x 8 3/8 x 15 13/16	43 7/8 x 8 3/8 x 15 13/16
Cassette Panel ³	Model Name		-	TVEPANPC1NUSET	TVEPANPC1NUSET	TVEPANPC1NUSET
			-	TVEPANPC1NUAET	TVEPANPC1NUAET	TVEPANPC1NUAET
	Net Weight		lbs.	6.61	6.61	6.61
	Shipping Weight		lbs.	11.0	11.0	11.0
	Net Dimensions (Wxhxd)		inches	46 1/2 x 1.0 x 18 1/8	46 1/2 x 1.0 x 18 1/8	46 1/2 x 1.0 x 18 1/8
	Shipping Dimensions (Wxhxd)		inches	49 5/8 x 5 11/16 x 21.25	49 5/8 x 5 11/16 x 21.25	49 5/8 x 5 11/16 x 21.25
Additional Features	Drain Pump	Model Name	-	Built-in	Built-in	Built-in
		Max. Lifting Height	inches	29.5	29.5	29.5
		Displacement	Gal/Hr.	6.25	6.25	6.25
	Air Filter		-	Washable Filter	Washable Filter	Washable Filter

1. Nominal capacity based on 25 ft. of equivalent refrigerant piping with 0 ft. level difference.

- Cooling: Indoor temperature 80°F DB, 67°F WB/Outdoor temperature 95°F DB, 75°F WB

- Heating: Indoor temperature 70°F DB, 60°F WB/Outdoor temperature 47°F DB, 43°F WB

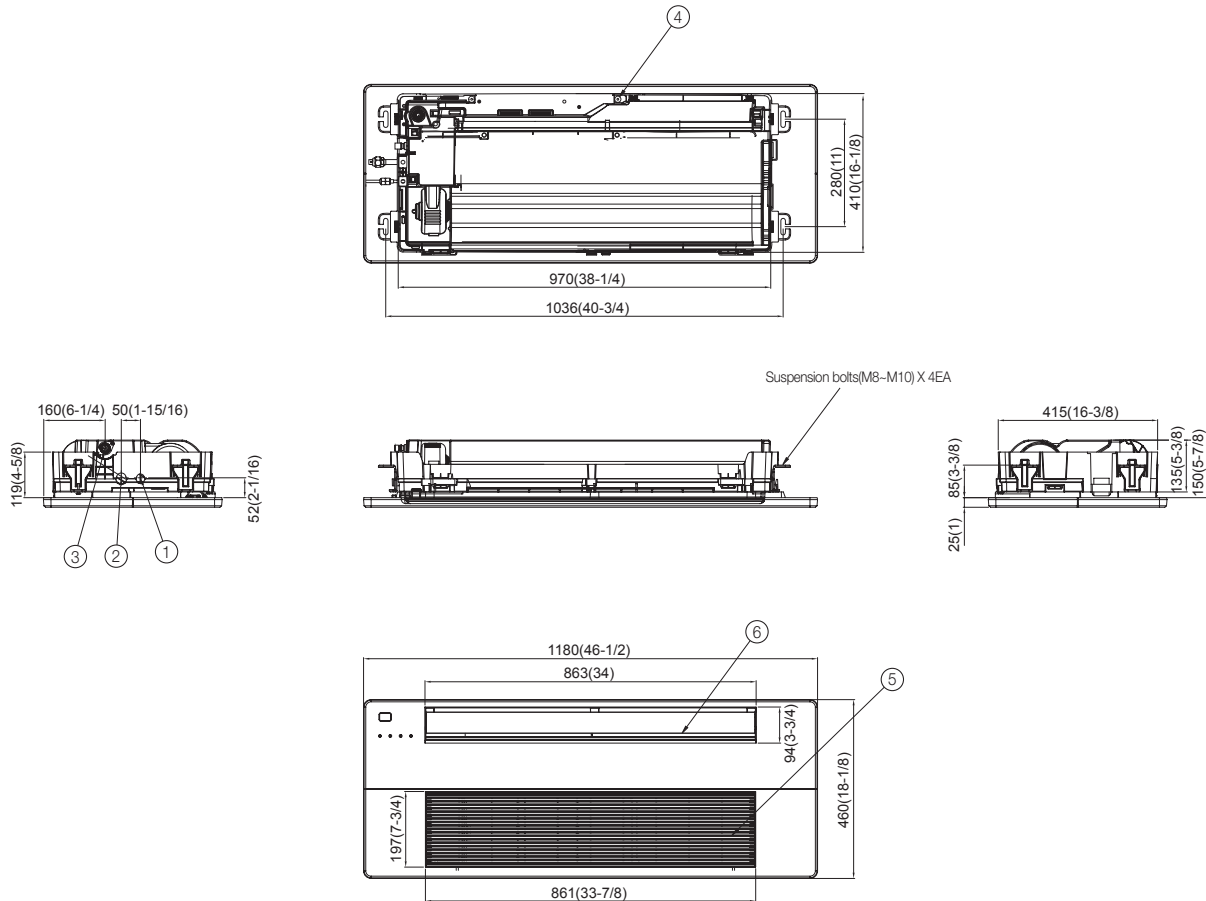
2. Sound pressure was acquired in a dead room. Actual noise level may be different depending on installation conditions.

3. Cassette panel must be ordered separately

4. Trane has a policy of continuous product and product data improvement and reserves the right to change design and specifications without notice.

1-2. Dimensional drawing

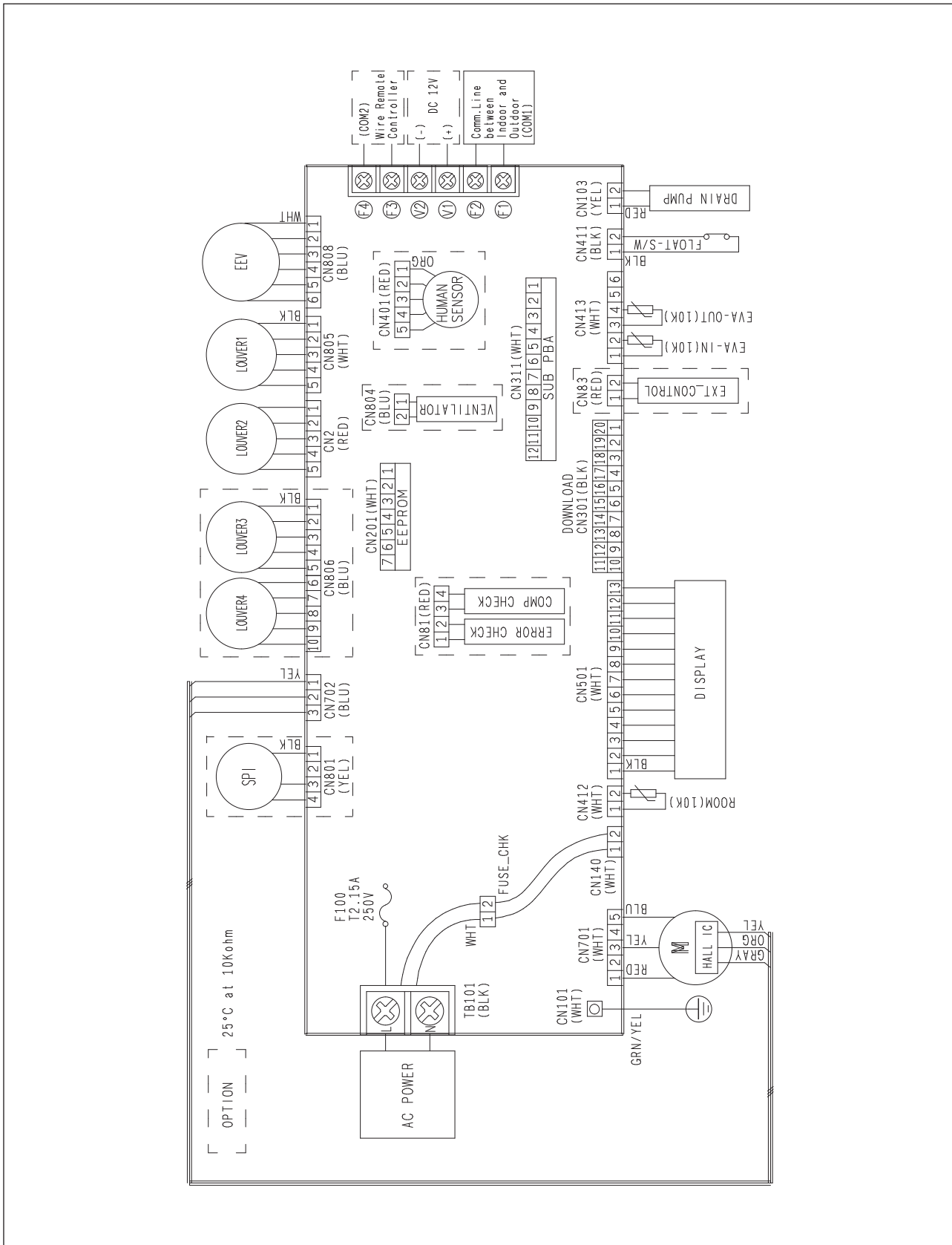
Unit: mm(inch)



No.	Name	Description		
		7.5 MBH	9.5 MBH	12.0 MBH
①	Liquid pipe connection	Ø6.35(1/4") Flare		
②	Gas pipe connection	Ø12.70(1/2") Flare		
③	Drain pipe connection	VP20 (OD 26, ID 20) / VP20 (OD 1", ID 3/4")		
④	Conduit for power supply & communication wiring	-		
⑤	Air inlet grille	-		
⑥	Air outlet louver	-		

1 Slim 1 way cassette

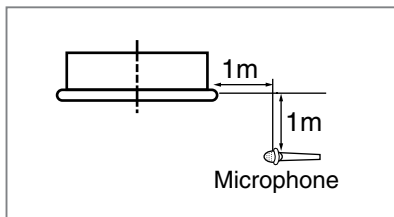
1-3. Electrical wiring diagram



1-4. Sound pressure level

Operation sound level

Unit : dB(A)



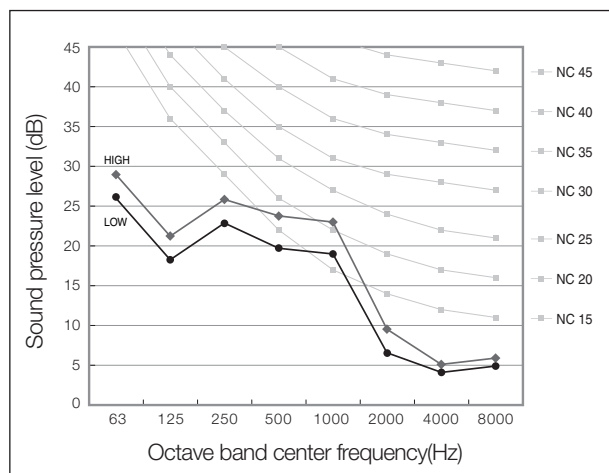
Model	High	Low
4TVE0007B100NB	27	23
4TVE0009B100NB	29	24
4TVE0012B100NB	35	27

Note

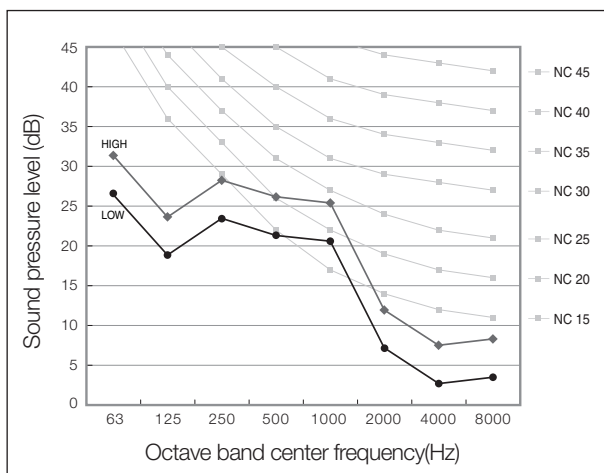
- ◆ These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- ◆ Operation sound level may differ depending on operation and ambient conditions.

2) NC curves

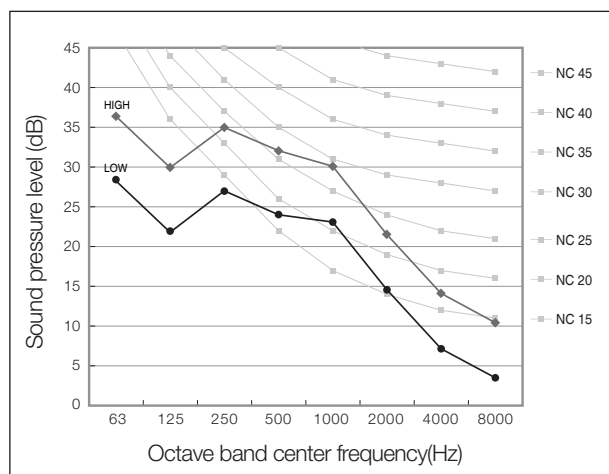
(1) 4TVE0007B100NB



(2) 4TVE0009B100NB



(3) 4TVE0012B100NB



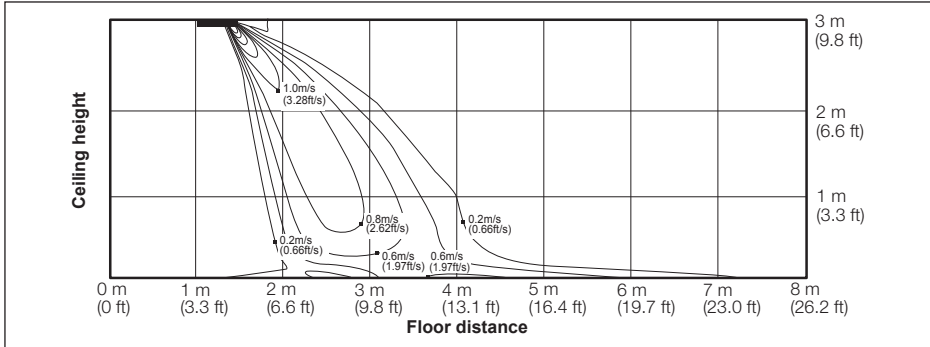
1 Slim 1 way cassette

1-5. Temperature and air flow distribution

4TVE0007-0012B100NB

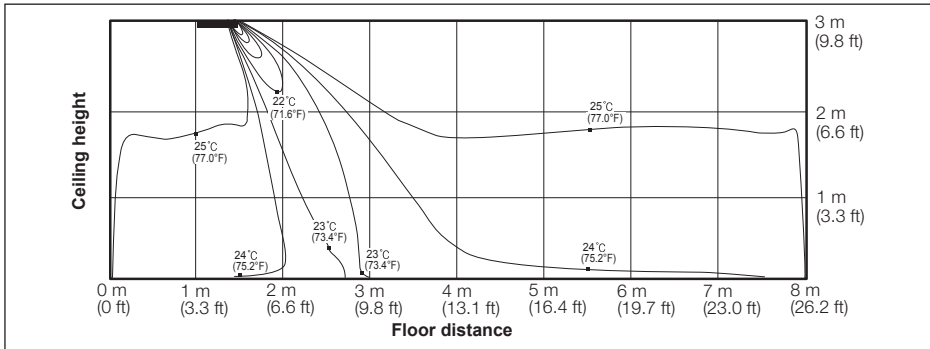
(1) Cooling air velocity distribution

◆ Discharge angle : 60°



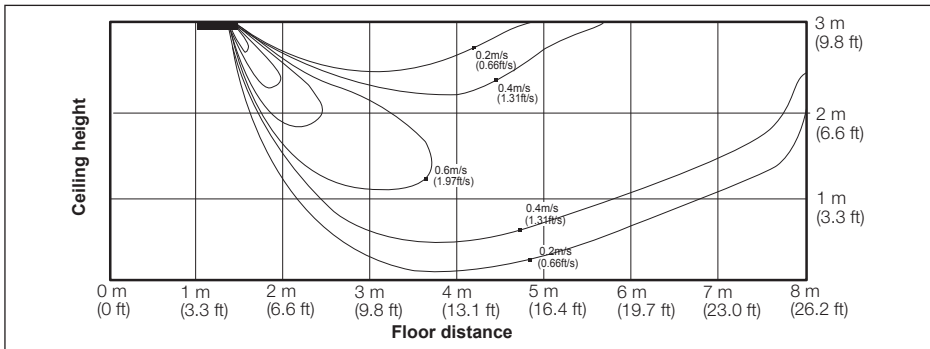
(2) Cooling temperature distribution

◆ Discharge angle : 60°



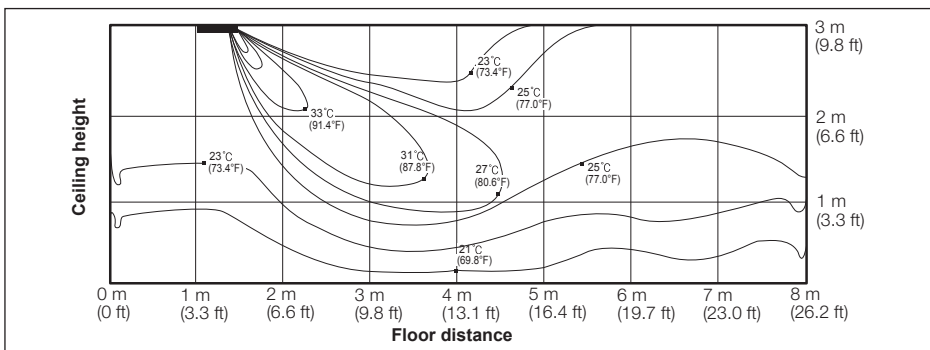
(3) Heating air velocity distribution

◆ Discharge angle : 60°



(4) Heating temperature distribution

◆ Discharge angle : 60°



2 Mini 4 way cassette

2-1. Specifications

Technical specifications

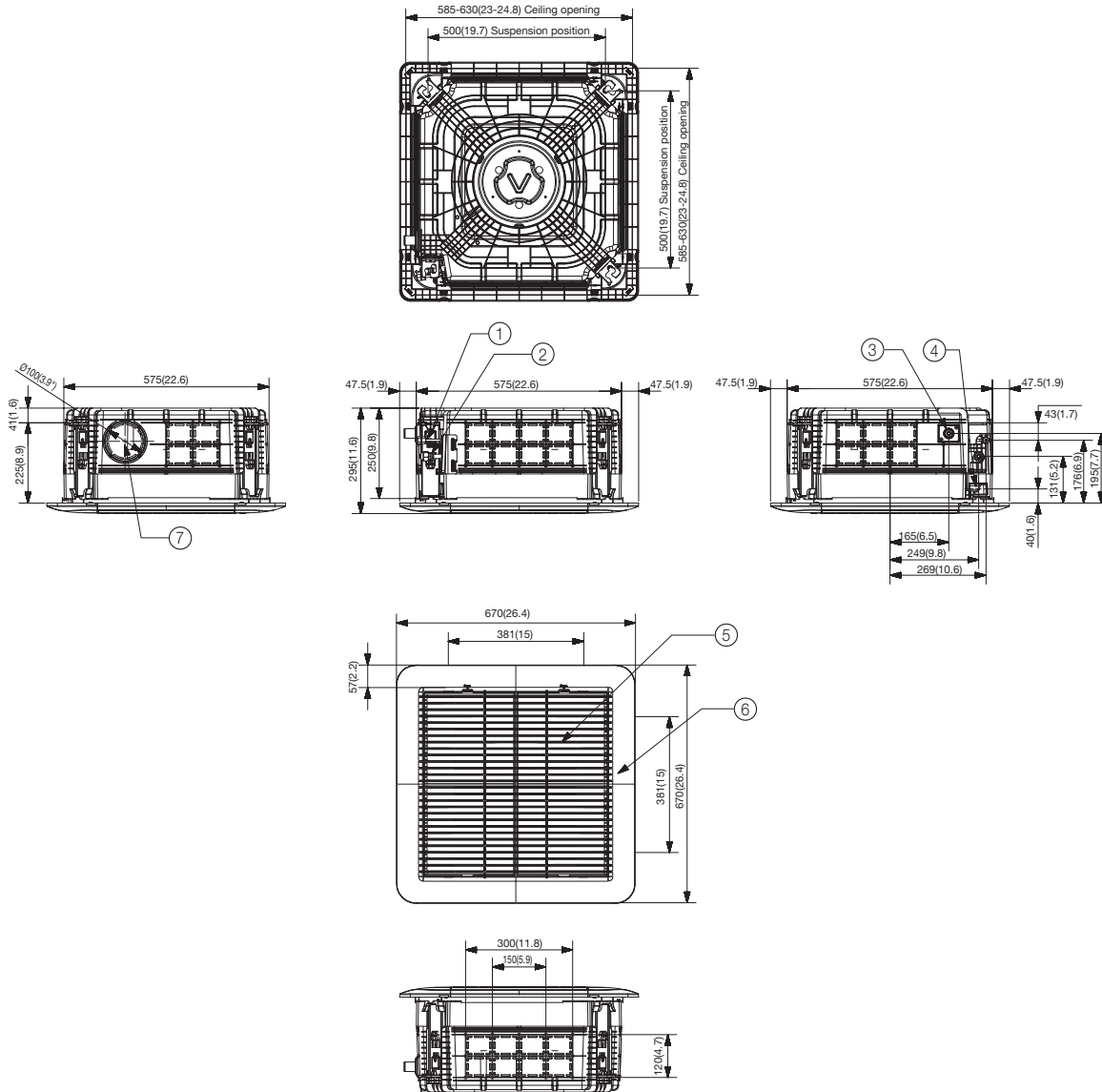
Model Name				4TVB0009B100NB	4TVB0012B100NB	4TVB0018B100NB	4TVB0020B100NB
Power Supply				208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Performance	Capacity (Nominal) ¹	Cooling	Btu/h	9,500	12,000	18,000	20,000
		Heating	Btu/h	10,500	13,500	20,000	23,000
Power	Power Input (Nominal) ¹	Cooling	W	24.0	28.0	36.0	38.0
		Heating		24.0	28.0	36.0	38.0
	Current Input (Nominal) ¹	Cooling	A	0.17	0.19	0.27	0.30
		Heating		0.17	0.19	0.27	0.30
Fan	Motor	Type (Qty.)	-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
		Output (Each)	W	65 x 1	65 x 1	65 x 1	65 x 1
	Airflow Rate	H/M/L	Cfm	350/300/265	370/335/280	460/390/335	475/425/360
	External Static Pressure	Min/Std/Max	In. WG	-	-	-	-
Piping Connections	Liquid Pipe		Ø inch	1/4	1/4	1/4	1/4
	Gas Pipe		Ø inch	1/2	1/2	1/2	1/2
	Drain Pipe		Ø inch	VP 25 (OD 1 1/4", ID 1")	VP 25 (OD 1 1/4", ID 1")	VP 25 (OD 1 1/4", ID 1")	VP 25 (OD 1 1/4", ID 1")
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Control Method		-	EEV (Included)	EEV (Included)	EEV (Included)	EEV (Included)
Sound ²	Sound Pressure	H/M/L	Db(A)	34.0/30.0/26.0	36.0/34.0/31.0	40.0/37.0/34.0	41.0/38.0/35.0
External Dimensions	Net Weight		lbs.	26.5	26.5	26.5	26.5
	Shipping Weight		lbs.	30.9	30.9	30.9	30.9
	Net Dimensions (WxHxD)		inches	22 3/4 x 9 3/4 x 22 3/4	22 3/4 x 9 3/4 x 22 3/4	22 3/4 x 9 3/4 x 22 3/4	22 3/4 x 9 3/4 x 22 3/4
	Shipping Dimensions (WxHxD)		inches	24 1/2 x 11 3/4 x 22 3/4	24 1/2 x 11 3/4 x 22 3/4	24 1/2 x 11 3/4 x 22 3/4	24 1/2 x 11 3/4 x 22 3/4
Cassette Panel ³	Model Name		-	TVEPANPC4SUSET	TVEPANPC4SUSET	TVEPANPC4SUSET	TVEPANPC4SUSET
	Net Weight		lbs.	6	6	6	6
	Shipping Weight		lbs.	9.25	9.25	9.25	9.25
	Net Dimensions (WxHxD)		inches	26 3/8 X 1 3/4 X 26 3/8	26 3/8 X 1 3/4 X 26 3/8	26 3/8 X 1 3/4 X 26 3/8	26 3/8 X 1 3/4 X 26 3/8
	Shipping Dimensions (WxHxD)		inches	28 1/8 X 4 3/16 X 28 1/2	28 1/8 X 4 3/16 X 28 1/2	28 1/8 X 4 3/16 X 28 1/2	28 1/8 X 4 3/16 X 28 1/2
Additional Features	Drain Pump	Model Name	-	Built-in	Built-in	Built-in	Built-in
		Max. Lifting Height	inches	29.5	29.5	29.5	29.5
		Displacement	Gal/Hr.	6.25	6.25	6.25	6.25
	Air Filter		-	Washable Filter	Washable Filter	Washable Filter	Washable Filter
	Motion Sensor ⁴		-	MOTIONSEN4TVB	MOTIONSEN4TVB	MOTIONSEN4TVB	MOTIONSEN4TVB

- Nominal capacity based on 25 ft. of equivalent refrigerant piping with 0 ft. level difference.
 - Cooling: Indoor temperature 80°F DB, 67°F WB/Outdoor temperature 95°F DB, 75°F WB
 - Heating: Indoor temperature 70°F DB, 60°F WB/Outdoor temperature 47°F DB, 43°F WB
- Sound pressure was acquired in a dead room. Actual noise level may be different depending on installation conditions.
- Cassette panel must be ordered separately
- Motion sensor must be ordered separately
- Trane has a policy of continuous product and product data improvement and reserves the right to change design and specifications without notice.

2 Mini 4 way cassette

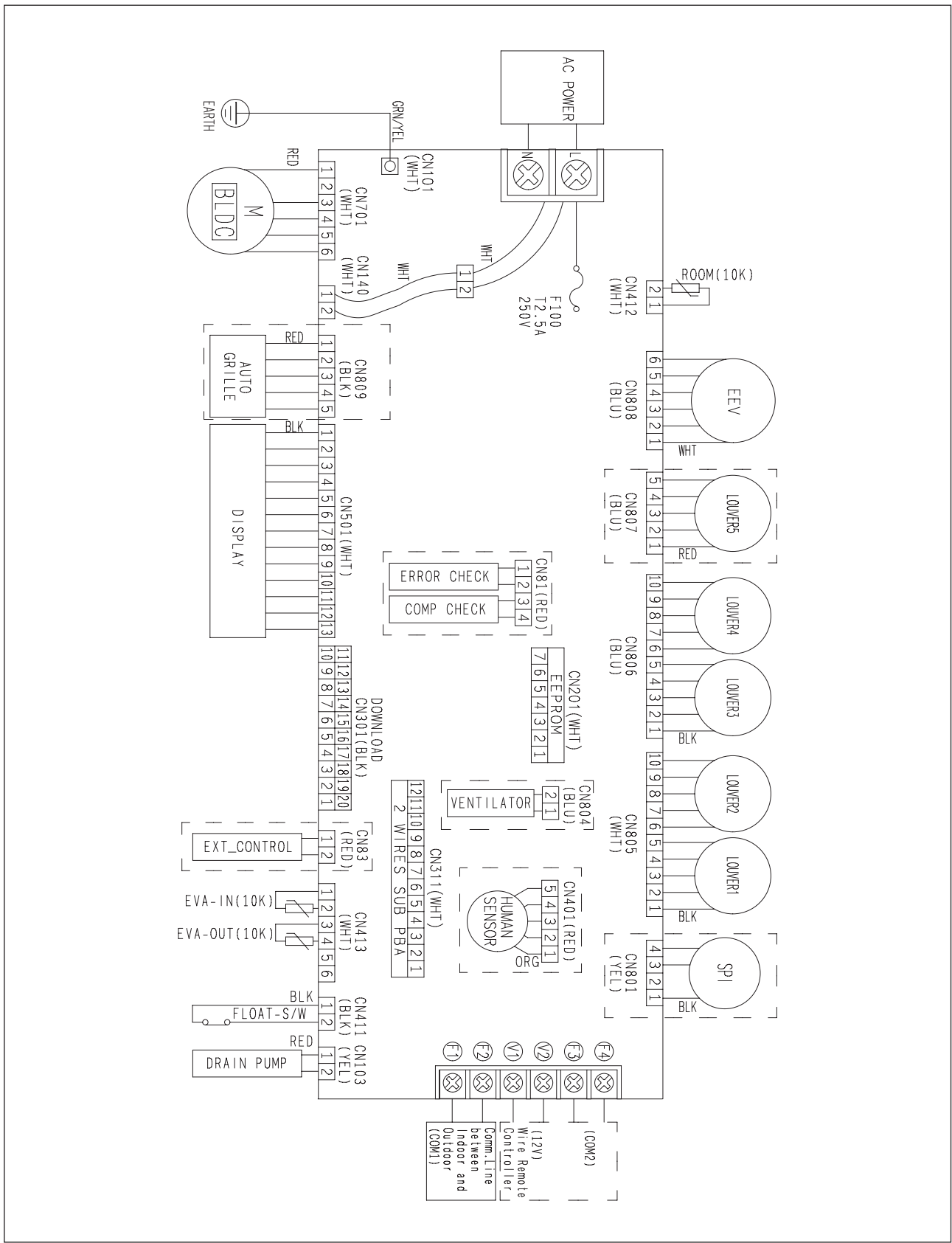
2-2. Dimensional drawing

Unit: mm(inch)



No.	Name	Description			
		9.5 MBH	12.0 MBH	18.0 MBH	20.0 MBH
①	Liquid pipe connection	Ø6.35(1/4") Flare			
②	Gas pipe connection	Ø12.70(1/2") Flare			
③	Drain pipe connection	VP25 (OD 32, ID 25)/VP25 (OD 1 1/4", ID 1")			
④	Conduit for power supply & communication wiring	-			
⑤	Air inlet grille	-			
⑥	Air outlet louver	-			
⑦	Fresh air intake	Ø100(3.9")			

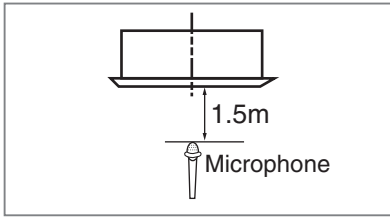
2-3. Electrical wiring diagram



2 Mini 4 way cassette

2-4. Sound pressure level

Operation sound level



Unit : dB(A)

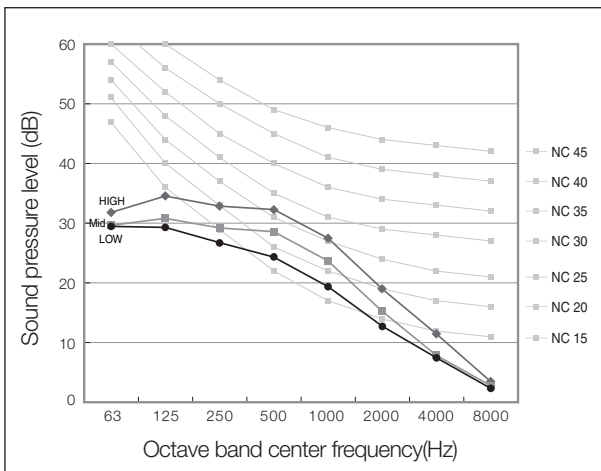
Model	High	Low
4TVB0009B100NB	34	26
4TVB0012B100NB	36	31
4TVB0018B100NB	40	34
4TVB0020B100NB	41	35

✓ Note

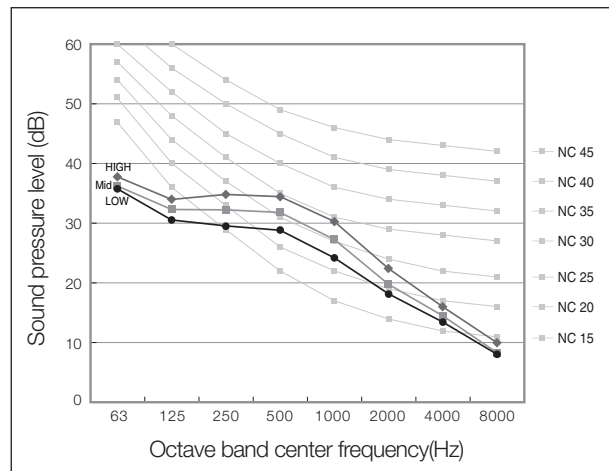
- ◆ These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- ◆ Operation sound level may differ depending on operation and ambient conditions.

2) NC curves

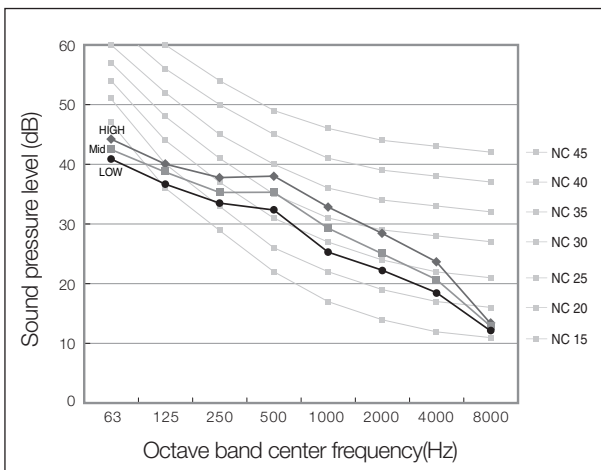
(1) 4TVB0009B100NB



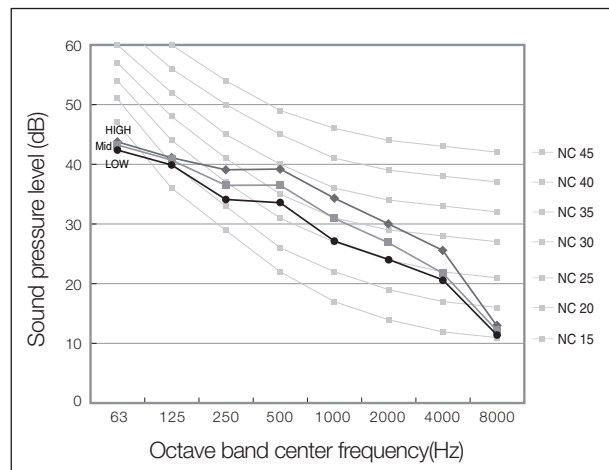
(2) 4TVB0012B100NB



(3) 4TVB0018B100NB



(4) 4TVB0020B100NB

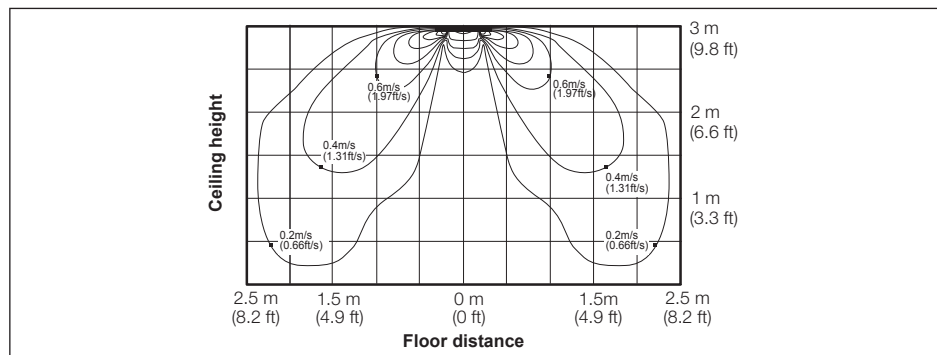


2-5. Temperature and air flow distribution

4TVB0009-0012B100NB

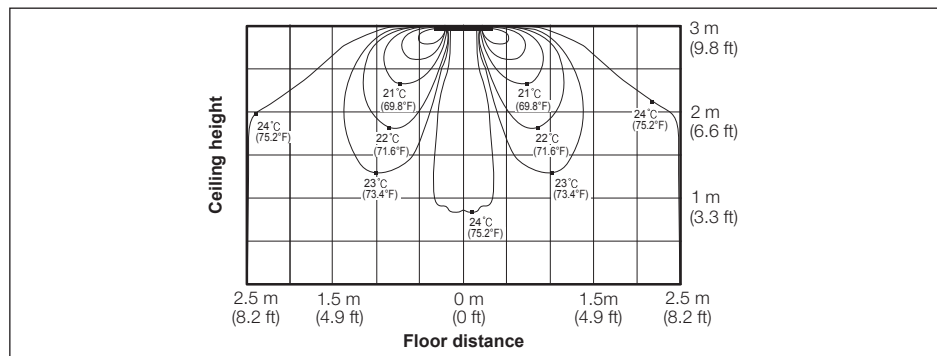
(1) Cooling air velocity distribution

◆ Discharge angle : 37°



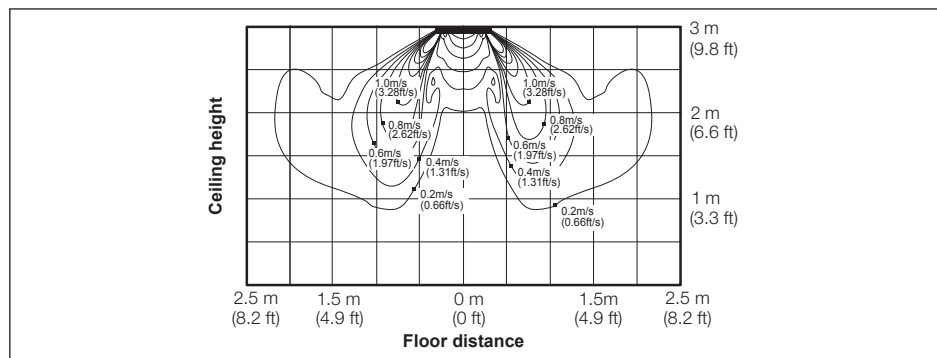
(2) Cooling temperature distribution

◆ Discharge angle : 37°



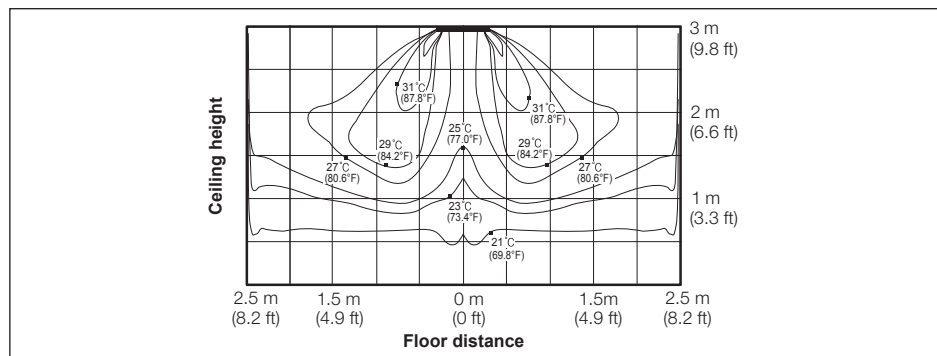
(3) Heating air velocity distribution

◆ Discharge angle : 49°



(4) Heating temperature distribution

◆ Discharge angle : 49°

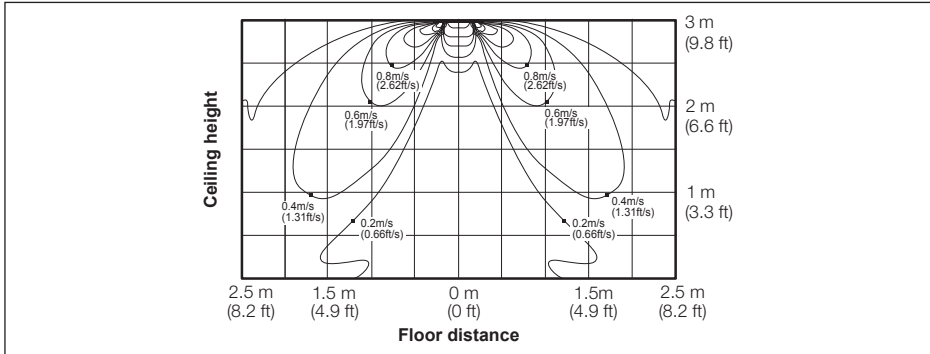


2 Mini 4 way cassette

4TVB0018-0020B100NB

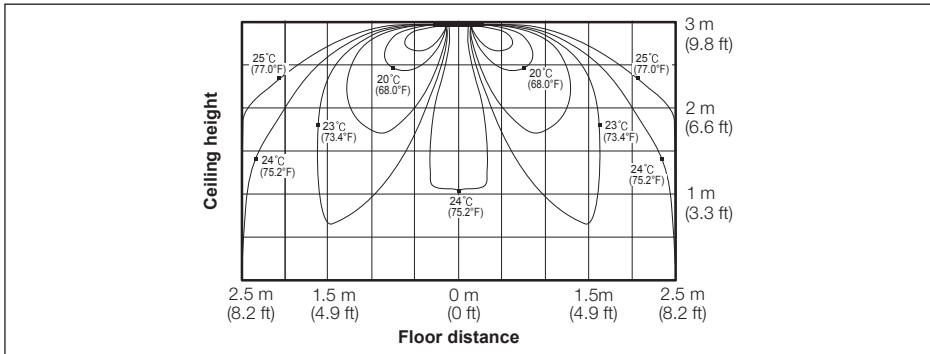
(1) Cooling air velocity distribution

◆ Discharge angle : 37°



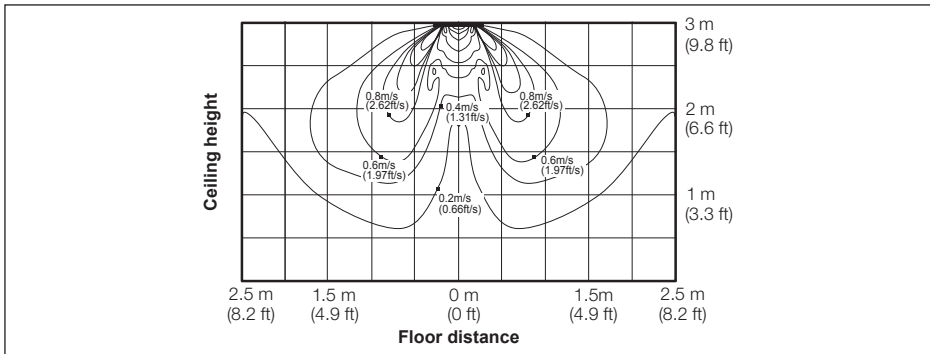
(2) Cooling temperature distribution

◆ Discharge angle : 37°



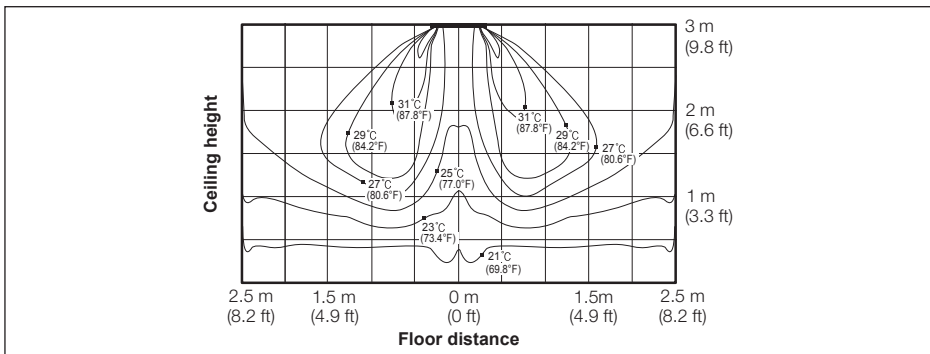
(3) Heating air velocity distribution

◆ Discharge angle : 49°



(4) Heating temperature distribution

◆ Discharge angle : 49°



3-1. Specifications

Technical specifications

Model Name				4TVC0009B100NB	4TVC0018B100NB	4TVC0024B100NB
Power Supply				208-230/60/1	208-230/60/1	208-230/60/1
Performance	Capacity (Nominal) ¹	Cooling	Btu/h	9,000	18,000	24,000
		Heating	Btu/h	10,000	20,000	27,000
Power	Power Input (Nominal) ¹	Cooling	W	32.0	32.0	40.0
		Heating		32.0	32.0	40.0
	Current Input (Nominal) ¹	Cooling	A	0.25	0.25	0.30
		Heating		0.25	0.25	0.30
Fan	Motor	Type (Qty.)	-	Turbo Fan	Turbo Fan	Turbo Fan
		Output (Each)	W	65 x 1	65 x 1	65 x 1
	Airflow Rate	H/M/L	Cfm	510/460/390	545/495/425	615/565/495
	External Static Pressure	Min/Std/Max	In. WG	-	-	-
Piping Connections	Liquid Pipe		Ø inch	1/4	1/4	1/4
	Gas Pipe		Ø inch	1/2	1/2	1/2
	Drain Pipe		Ø inch	VP 25 (OD 1 1/4", ID 1")	VP 25 (OD 1 1/4", ID 1")	VP 25 (OD 1 1/4", ID 1")
Refrigerant	Type		-	R410A	R410A	R410A
	Control Method		-	EEV (Included)	EEV (Included)	EEV (Included)
Sound ²	Sound Pressure	H/M/L	Db(A)	34.0/33.0/31.0	34.0/33.0/31.0	36.0/35.0/34.0
External Dimensions	Net Weight		lbs.	33.1	33.1	33.1
	Shipping Weight		lbs.	40.8	40.8	40.8
	Net Dimensions (WxHxD)		inches	33 x 8 x 33	33 x 8 x 33	33 x 8 x 33
	Shipping Dimensions (WxHxD)		inches	35 3/8 x 10 7/8 x 35 3/8	35 3/8 x 10 7/8 x 35 3/8	35 3/8 x 10 7/8 x 35 3/8
Cassette Panel ³	Model Name		-	TVEPANPC4NUSET	TVEPANPC4NUSET	TVEPANPC4NUSET
	Net Weight		lbs.	12.8	12.8	12.8
	Shipping Weight		lbs.	18.5	18.5	18.5
	Net Dimensions (WxHxD)		inches	37 7/16 x 1 3/4 x 37 7/16	37 7/16 x 1 3/4 x 37 7/16	37 7/16 x 1 3/4 x 37 7/16
	Shipping Dimensions (WxHxD)		inches	39 9/16 x 4 x 39 9/16	39 9/16 x 4 x 39 9/16	39 9/16 x 4 x 39 9/16
Additional Features	Drain Pump	Model Name	-	Built-in	Built-in	Built-in
		Max. Lifting Height	inches	29.5	29.5	29.5
		Displacement	Gal/Hr.	6.25	6.25	6.25
	Air Filter		-	Washable Filter	Washable Filter	Washable Filter

1. Nominal capacity based on 25 ft. of equivalent refrigerant piping with 0 ft. level difference.

- Cooling: Indoor temperature 80°F DB, 67°F WB/Outdoor temperature 95°F DB, 75°F WB

- Heating: Indoor temperature 70°F DB, 60°F WB/Outdoor temperature 47°F DB, 43°F WB

2. Sound pressure was acquired in a dead room. Actual noise level may be different depending on installation conditions.

3. Cassette panel must be ordered separately

4. Trane has a policy of continuous product and product data improvement and reserves the right to change design and specifications without notice.

3 4 way cassette

Technical specifications

Model Name				4TVC0030B100NB	4TVC0036B100NB	4TVC0048B100NB
Power Supply				208-230/60/1	208-230/60/1	208-230/60/1
Performance	Capacity (Nominal) ¹	Cooling	Btu/h	30,000	36,000	48,000
		Heating	Btu/h	34,000	40,000	54,000
Power	Power Input (Nominal) ¹	Cooling	W	65.0	75.0	95.0
		Heating		65.0	75.0	95.0
	Current Input (Nominal) ¹	Cooling	A	0.50	0.56	0.75
		Heating		0.50	0.56	0.75
Fan	Motor	Type (Qty.)	-	Turbo Fan	Turbo Fan	Turbo Fan
		Output (Each)	W	97 x 1	97 x 1	97 x 1
	Airflow Rate	H/M/L	Cfm	775/690/600	845/775/705	1025/950/850
	External Static Pressure	Min/Std/Max	In. WG	-	-	-
Piping Connections	Liquid Pipe		Ø inch	3/8	3/8	3/8
	Gas Pipe		Ø inch	5/8	5/8	5/8
	Drain Pipe		Ø inch	VP 25 (OD 1 1/4", ID 1")	VP 25 (OD 1 1/4", ID 1")	VP 25 (OD 1 1/4", ID 1")
Refrigerant	Type		-	R410A		R410A
	Control Method		-	EEV (Included)	EEV (Included)	EEV (Included)
Sound ²	Sound Pressure	H/M/L	Db(A)	39.0/34.0/30.0	40.0/37.0/33.0	44.0/42.0/39.0
External Dimensions	Net Weight		lbs.	40.8	40.8	40.8
	Shipping Weight		lbs.	50.7	50.7	50.7
	Net Dimensions (WxHxD)		inches	33 x 11 1/4 x 33	33 x 11 1/4 x 33	33 x 11 1/4 x 33
	Shipping Dimensions (WxHxD)		inches	35 3/8 x 14 x 35 3/8	35 3/8 x 14 x 35 3/8	35 3/8 x 14 x 35 3/8
Cassette Panel ³	Model Name		-	TVEPANPC4NUSET	TVEPANPC4NUSET	TVEPANPC4NUSET
	Net Weight		lbs.	12.8	12.8	12.8
	Shipping Weight		lbs.	18.5	18.5	18.5
	Net Dimensions (WxHxD)		inches	37 7/16 x 1 3/4 x 37 7/16	37 7/16 x 1 3/4 x 37 7/16	37 7/16 x 1 3/4 x 37 7/16
	Shipping Dimensions (WxHxD)		inches	39 9/16 x 4 x 39 9/16	39 9/16 x 4 x 39 9/16	39 9/16 x 4 x 39 9/16
Additional Features	Drain Pump	Model Name	-	Built-in	Built-in	Built-in
		Max. Lifting Height	inches	29.5	29.5	29.5
		Displacement	Gal/Hr.	6.25	6.25	6.25
	Air Filter		-	Washable Filter	Washable Filter	Washable Filter

1. Nominal capacity based on 25 ft. of equivalent refrigerant piping with 0 ft. level difference.

- Cooling: Indoor temperature 80°F DB, 67°F WB/Outdoor temperature 95°F DB, 75°F WB

- Heating: Indoor temperature 70°F DB, 60°F WB/Outdoor temperature 47°F DB, 43°F WB

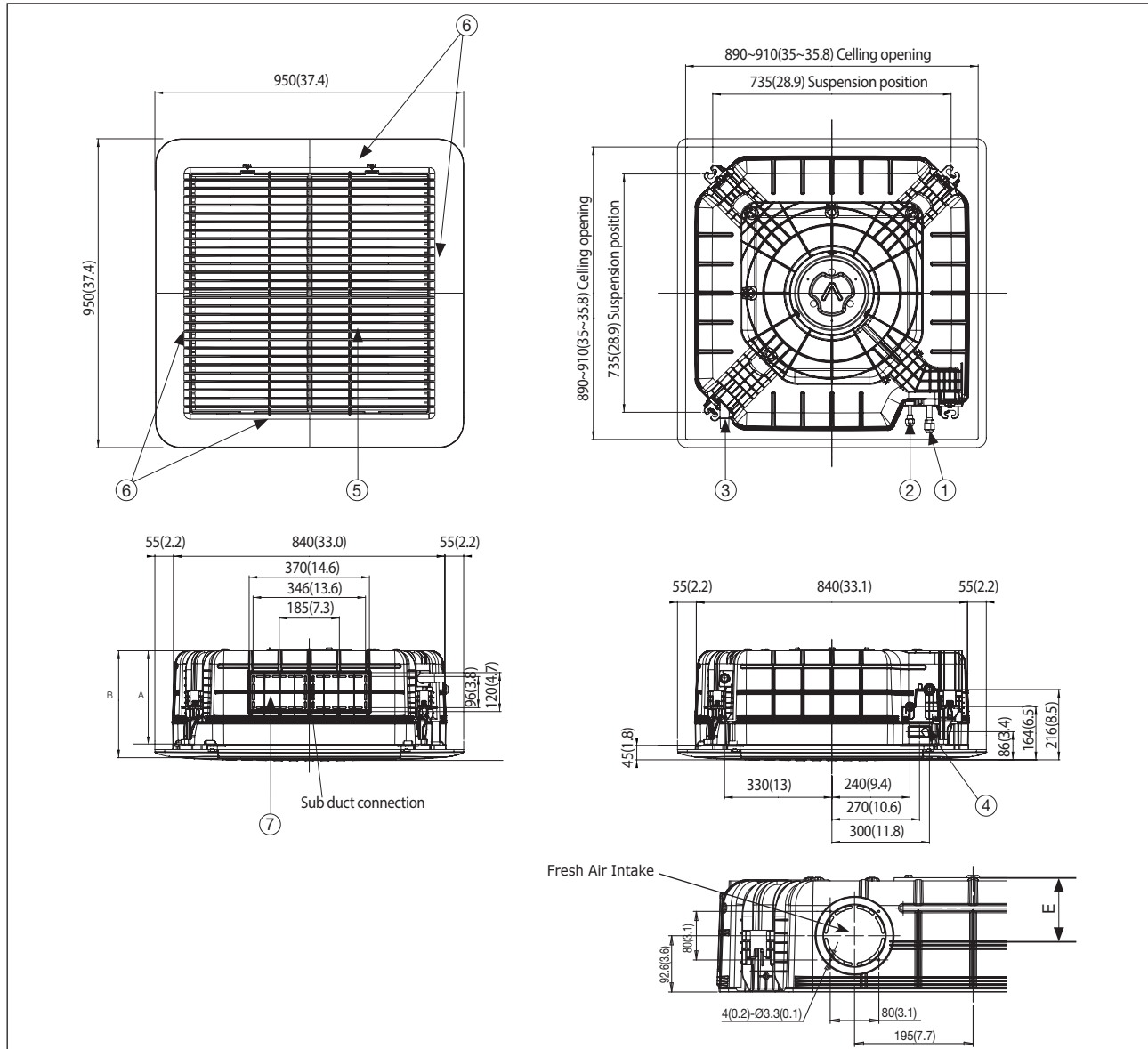
2. Sound pressure was acquired in a dead room. Actual noise level may be different depending on installation conditions.

3. Cassette panel must be ordered separately

4. Trane has a policy of continuous product and product data improvement and reserves the right to change design and specifications without notice.

3-2. Dimensional drawing

Unit: mm(inch)



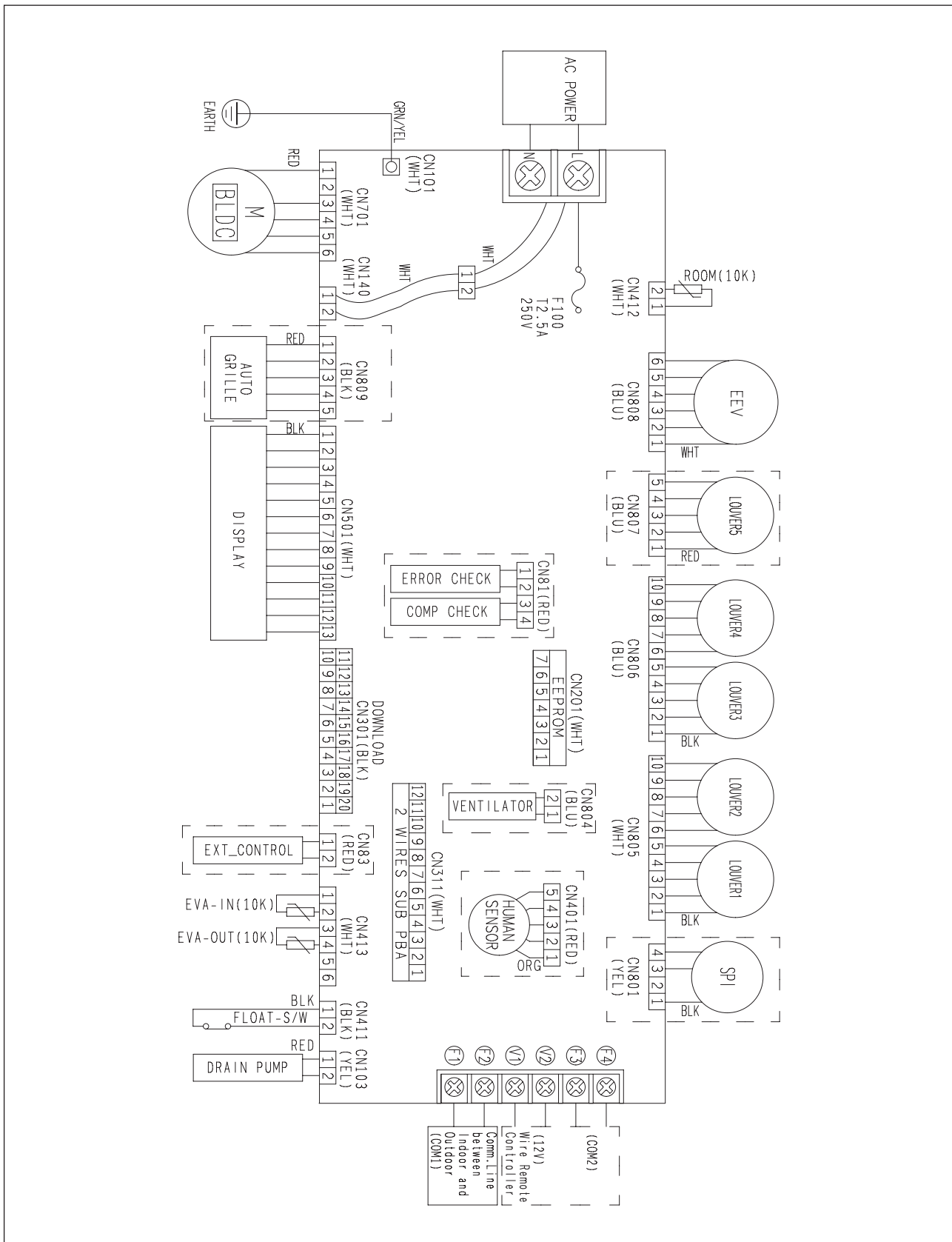
Indoor units

No.	Name	Description					
		9MBH	18MBH	24MBH	30MBH	36MBH	48MBH
①	Liquid pipe connection	Ø6.35(1/4") Flare			Ø9.52(3/8") Flare		
②	Gas pipe connection	Ø12.70(1/2") Flare			Ø15.88(5/8") Flare		
③	Drain pipe connection	VP25 (OD 32, ID 25)/VP25 (OD 1 1/4", ID 1")					
④	Conduit for power supply & communication wiring	-					
⑤	Air inlet grille	-					
⑥	Air outlet louver	-					
⑦	Sub-Duct	-					

		Description	
		9/18/24 MBH	30/36/48 MBH
A	mm(inch)	204(8.0)	288(11.3)
B	mm(inch)	253(10.0)	337(13.3)

3 4 way cassette

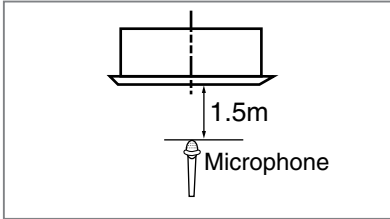
3-3. Electrical wiring diagram



3-4. Sound pressure level

Operation sound level

Unit: dB(A)



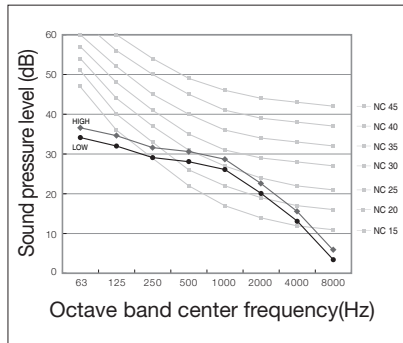
Model	High	Low
4TVC0009B100NB	34	31
4TVC0018B100NB	34	31
4TVC0024B100NB	36	34
4TVC0030B100NB	39	30
4TVC0036B100NB	40	33
4TVC0048B100NB	44	39

Note

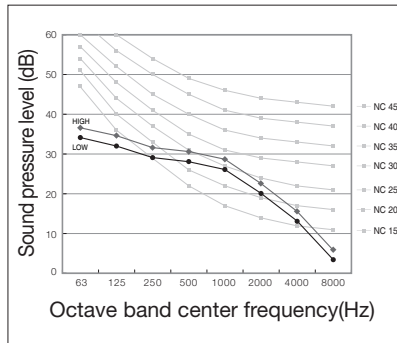
- ◆ These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- ◆ Operation sound level may differ depending on operation and ambient conditions.

NC curves

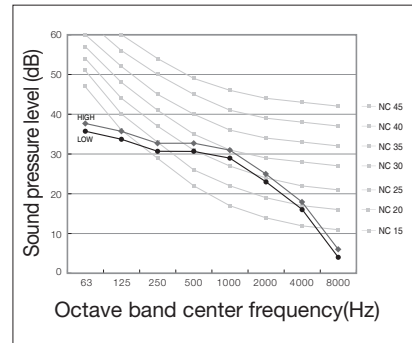
(1) 4TVC0009B100NB



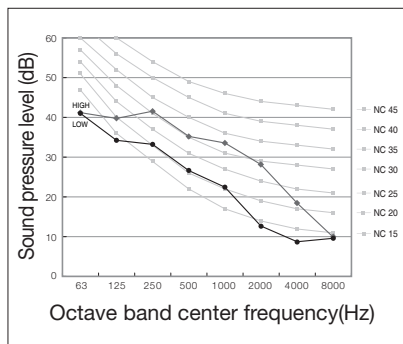
(2) 4TVC0018B100NB



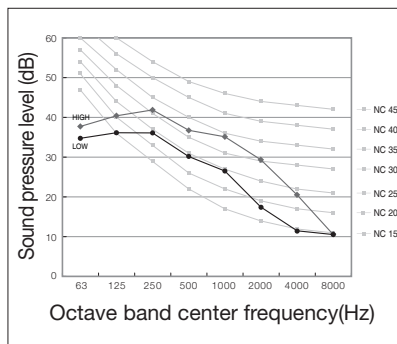
(3) 4TVC0024B100NB



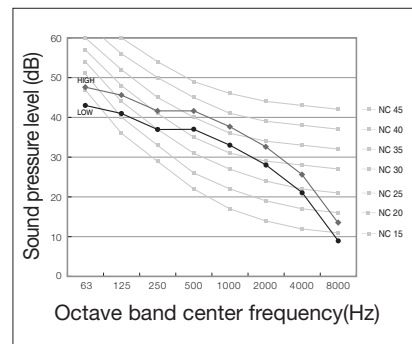
(4) 4TVC0030B100NB



(5) 4TVC0036B100NB



(6) 4TVC0048B100NB



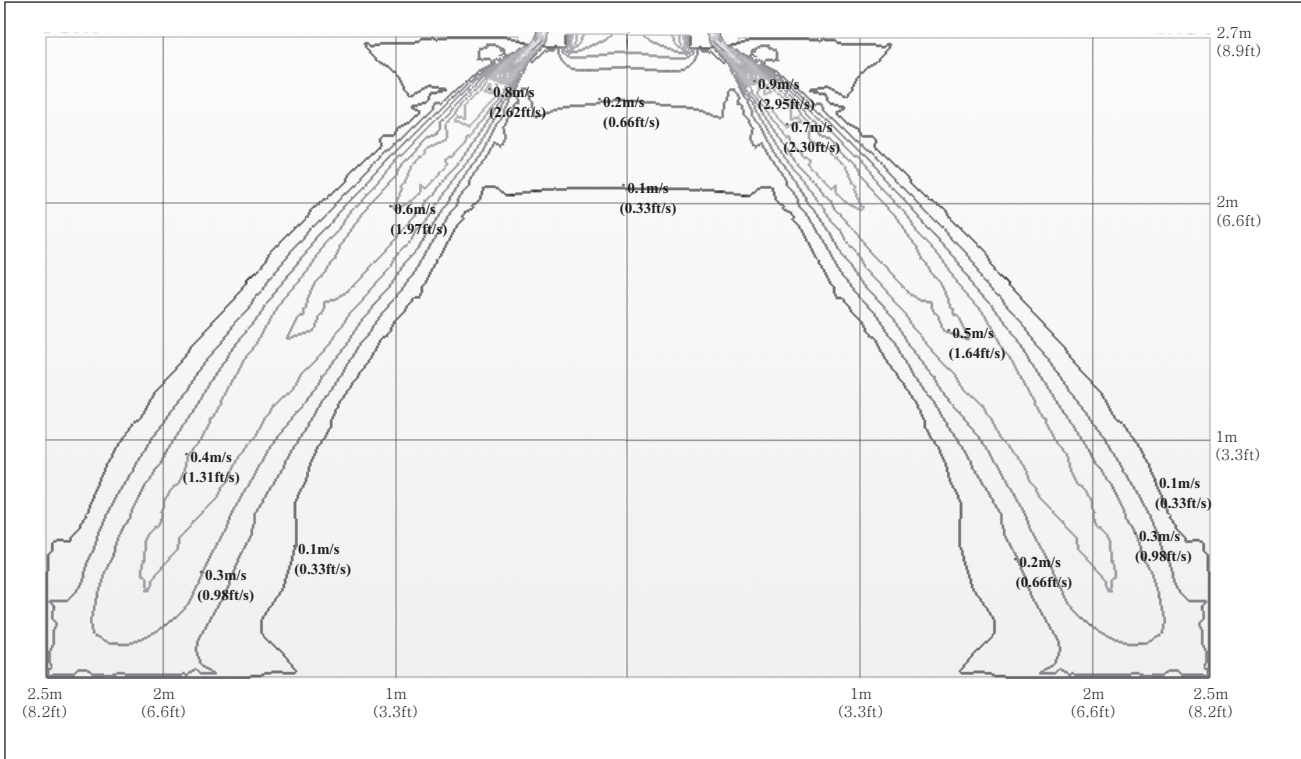
3 4 way cassette

3-5. Temperature and air flow distribution

4TVC0009B100NB

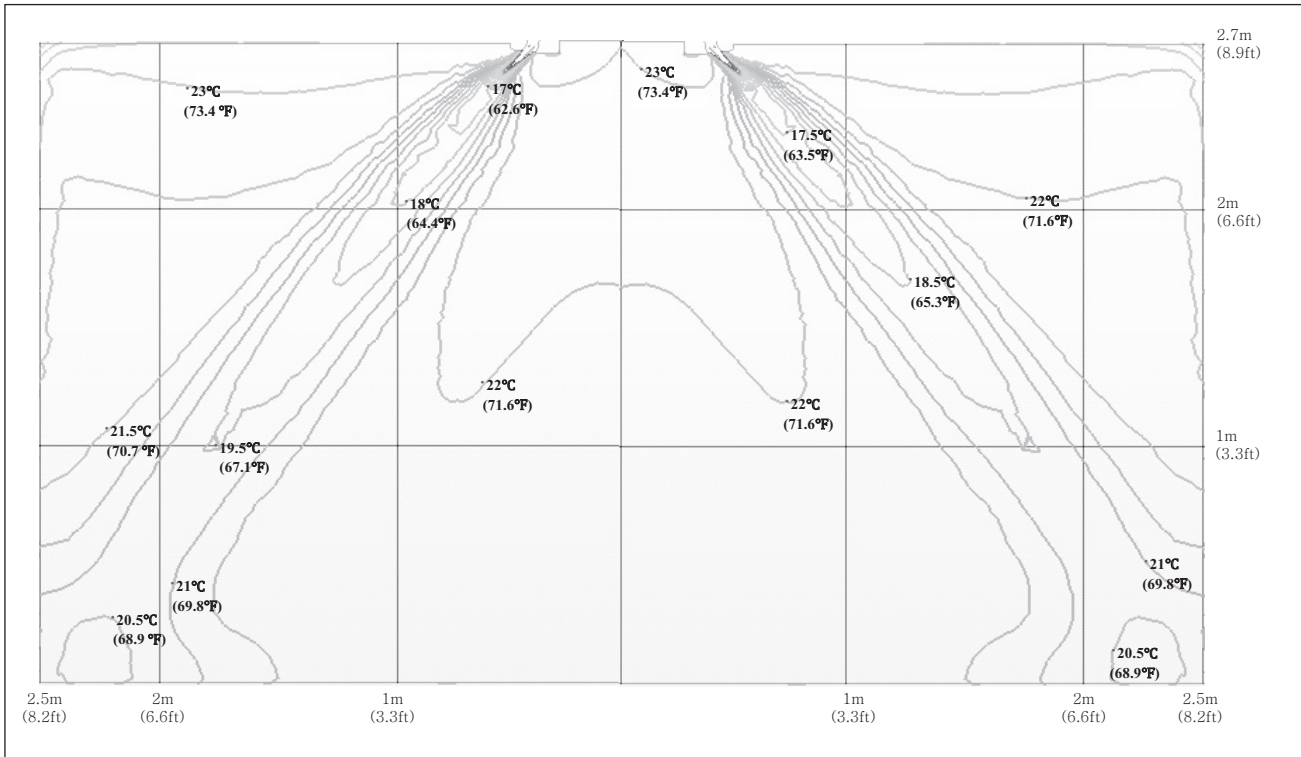
(1) Cooling air velocity distribution

◆ Discharge angle :



(2) Cooling temperature distribution

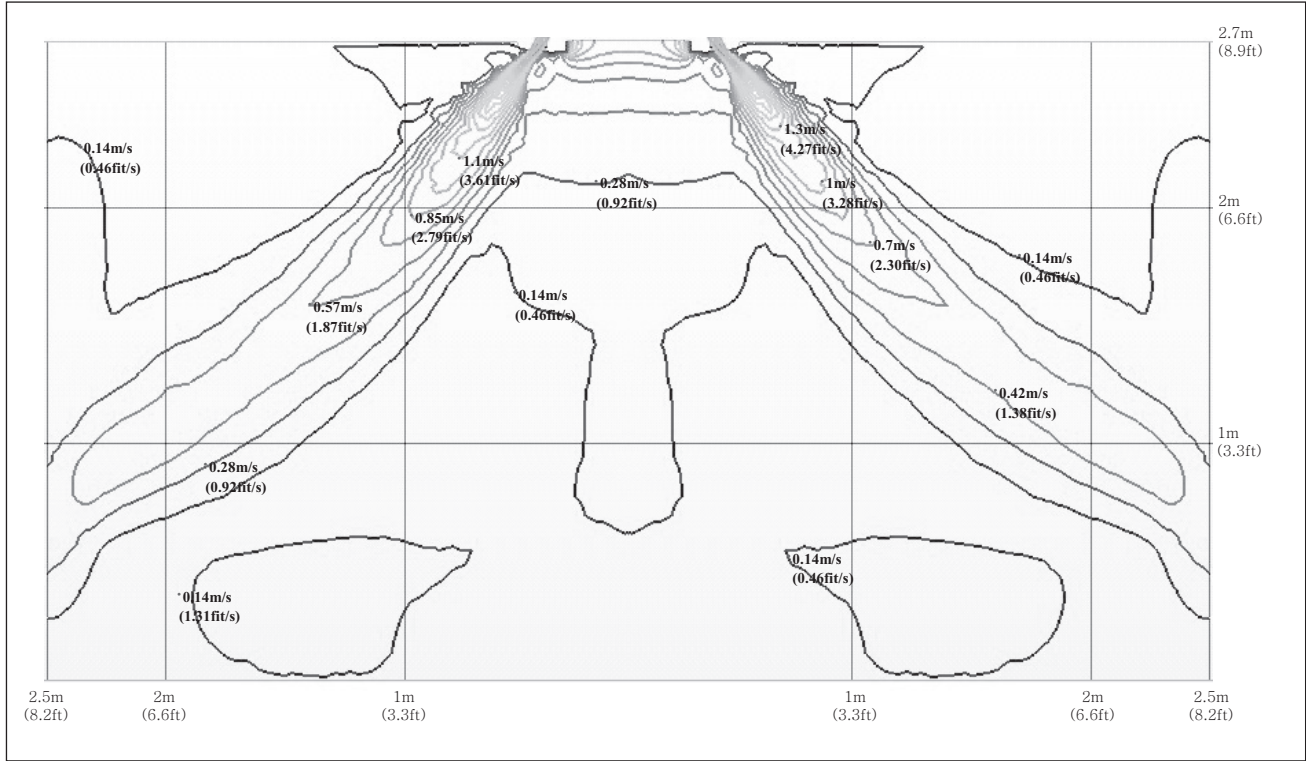
◆ Discharge angle :



4TVC0009B100NB

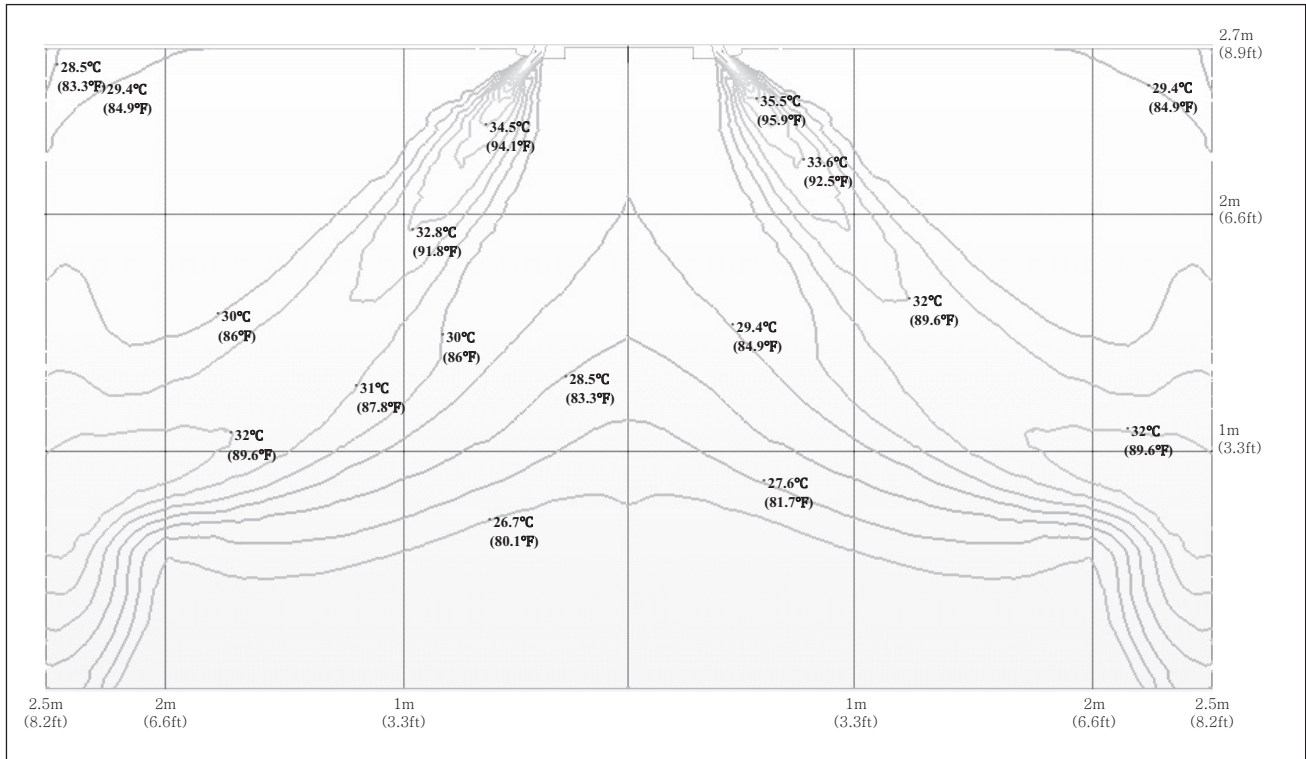
(3) Heating air velocity distribution

◆ Discharge angle :



(4) Heating temperature distribution

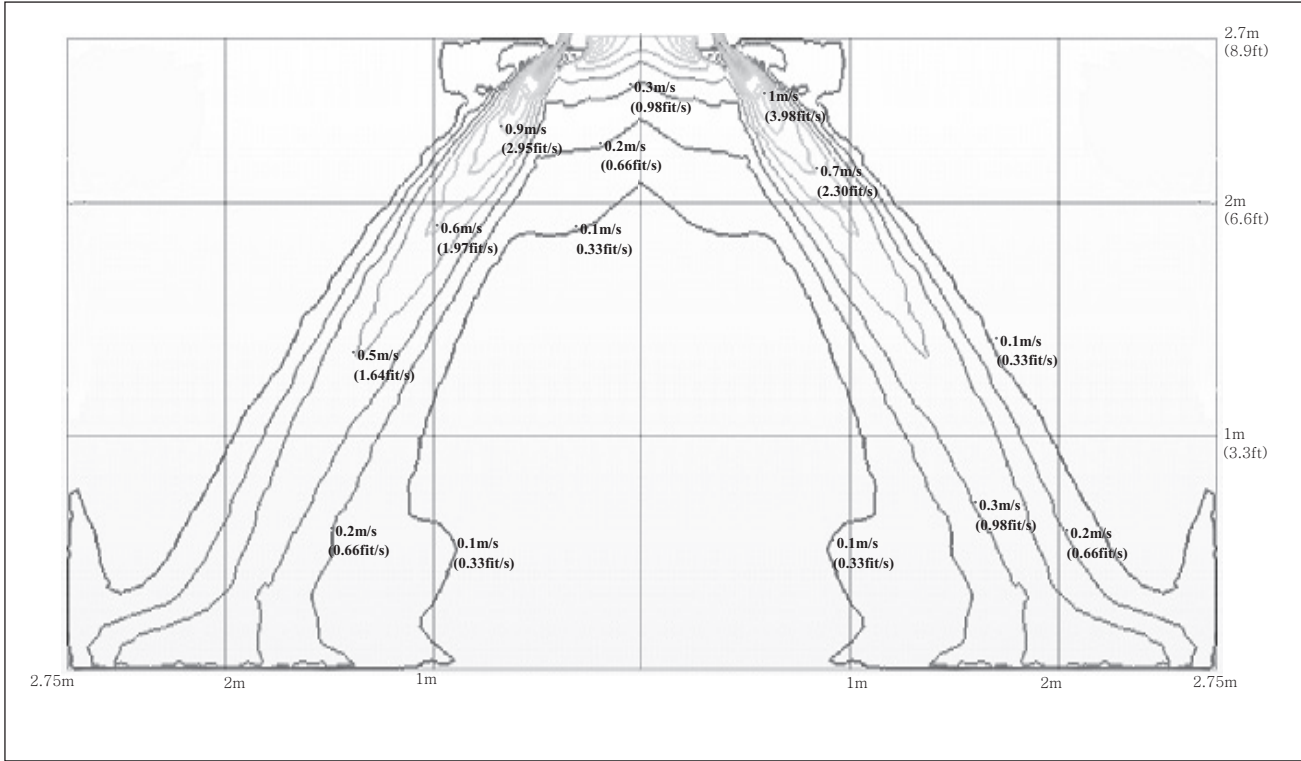
◆ Discharge angle :



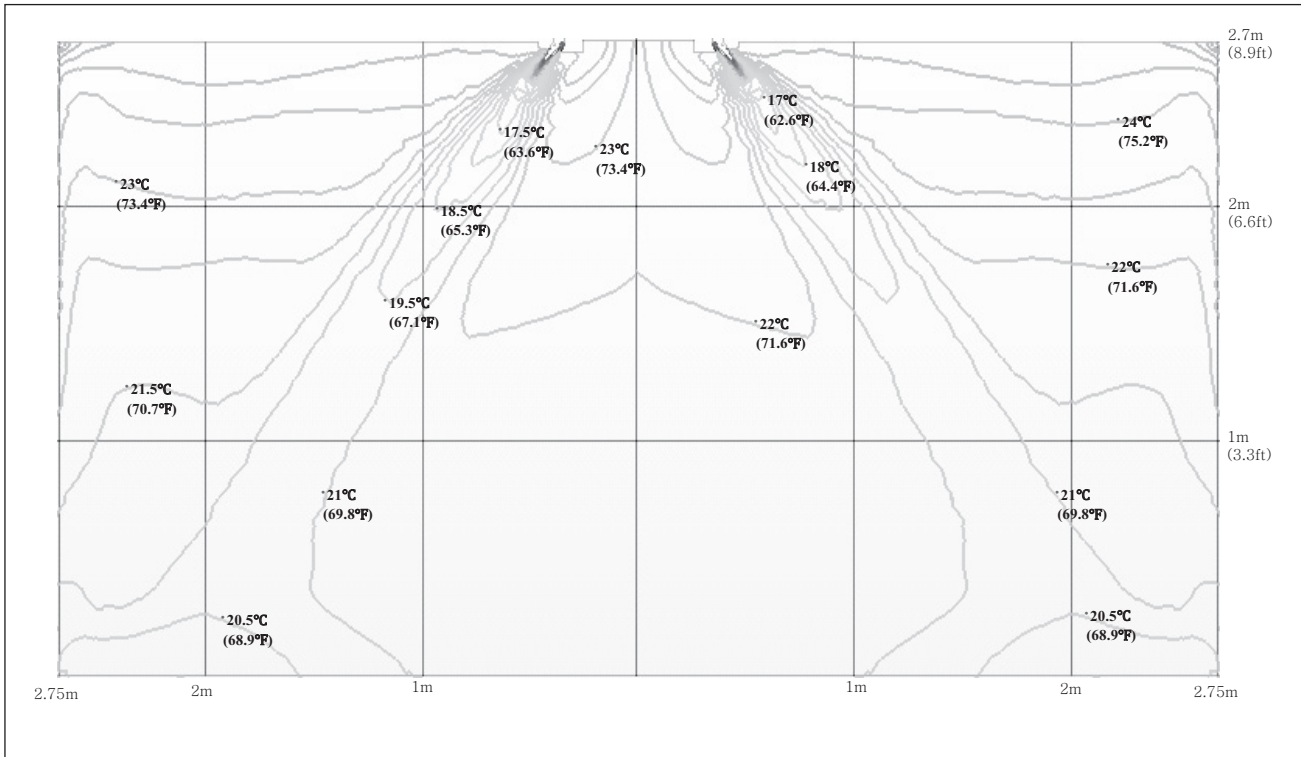
3 4 way cassette

4TVC0018B100NB

(1) Cooling air velocity distribution



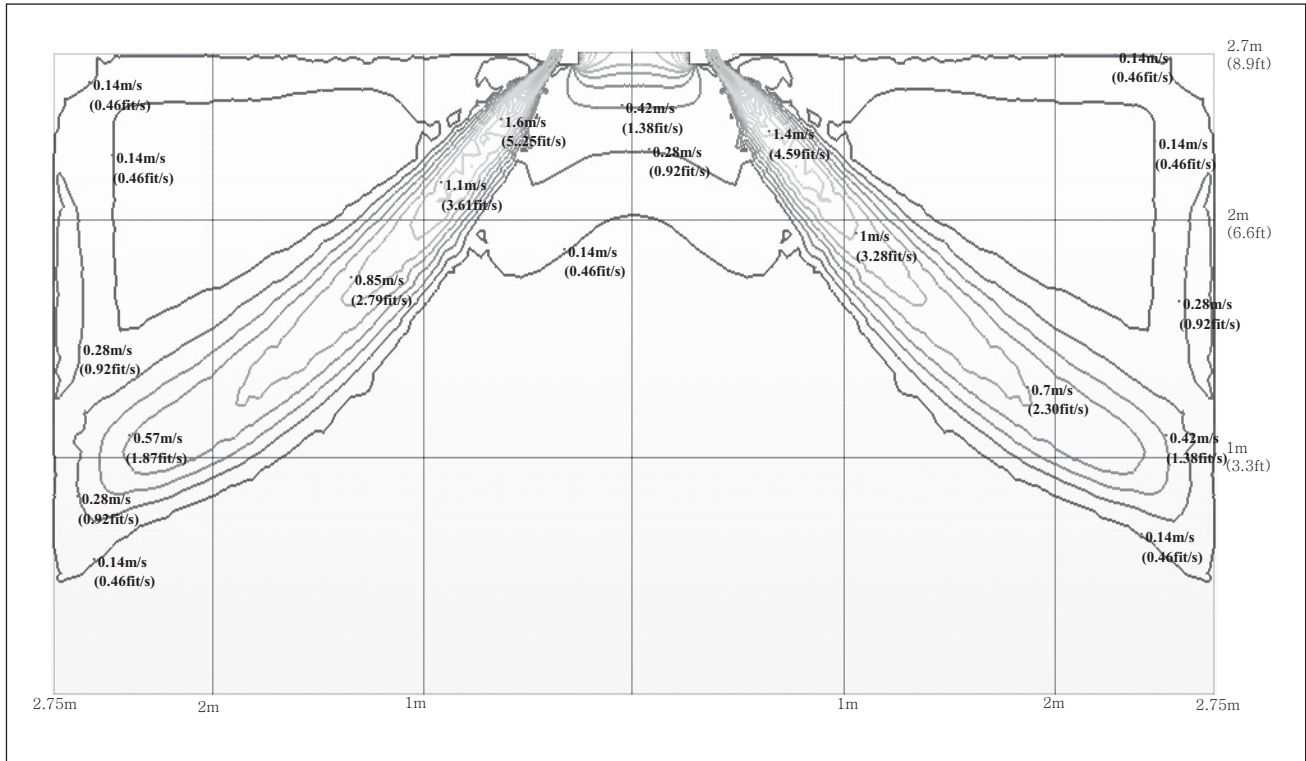
(2) Cooling temperature distribution



4TVC0018B100NB

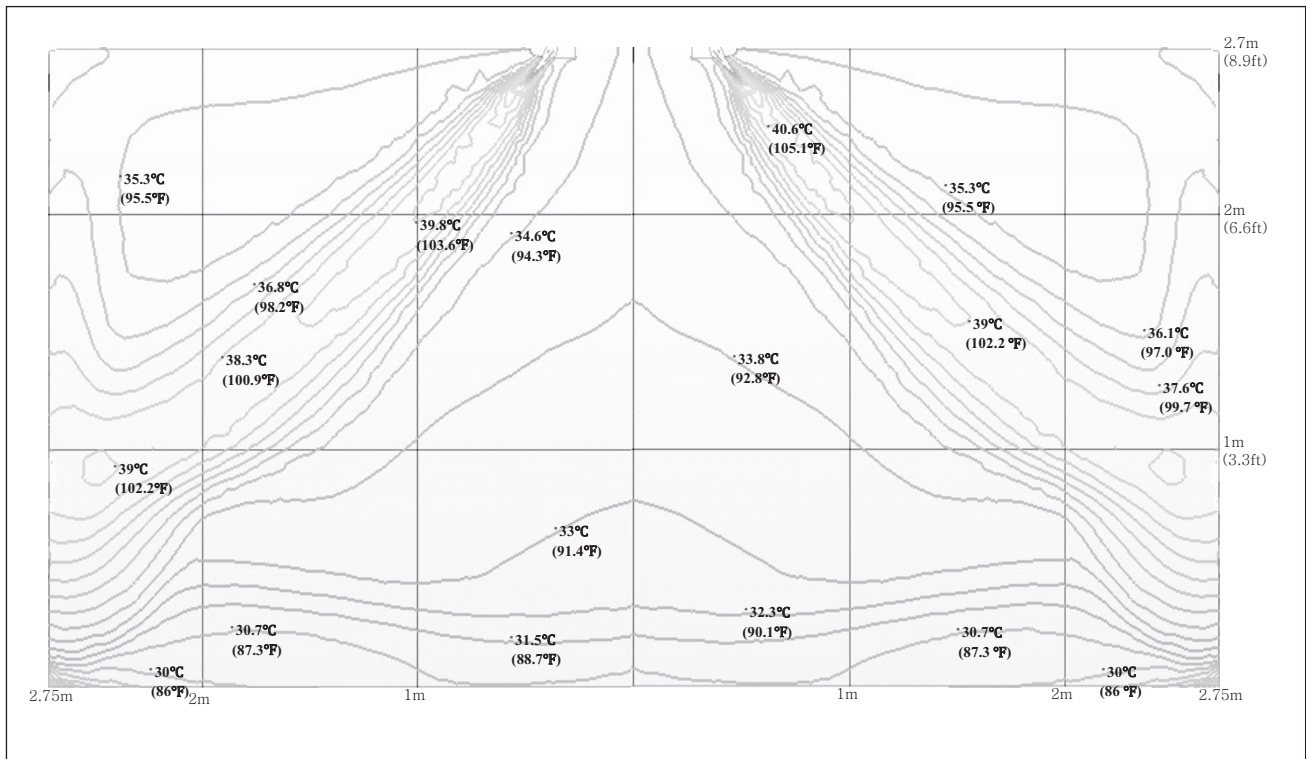
(3) Heating air velocity distribution

◆ Discharge angle :



(4) Heating temperature distribution

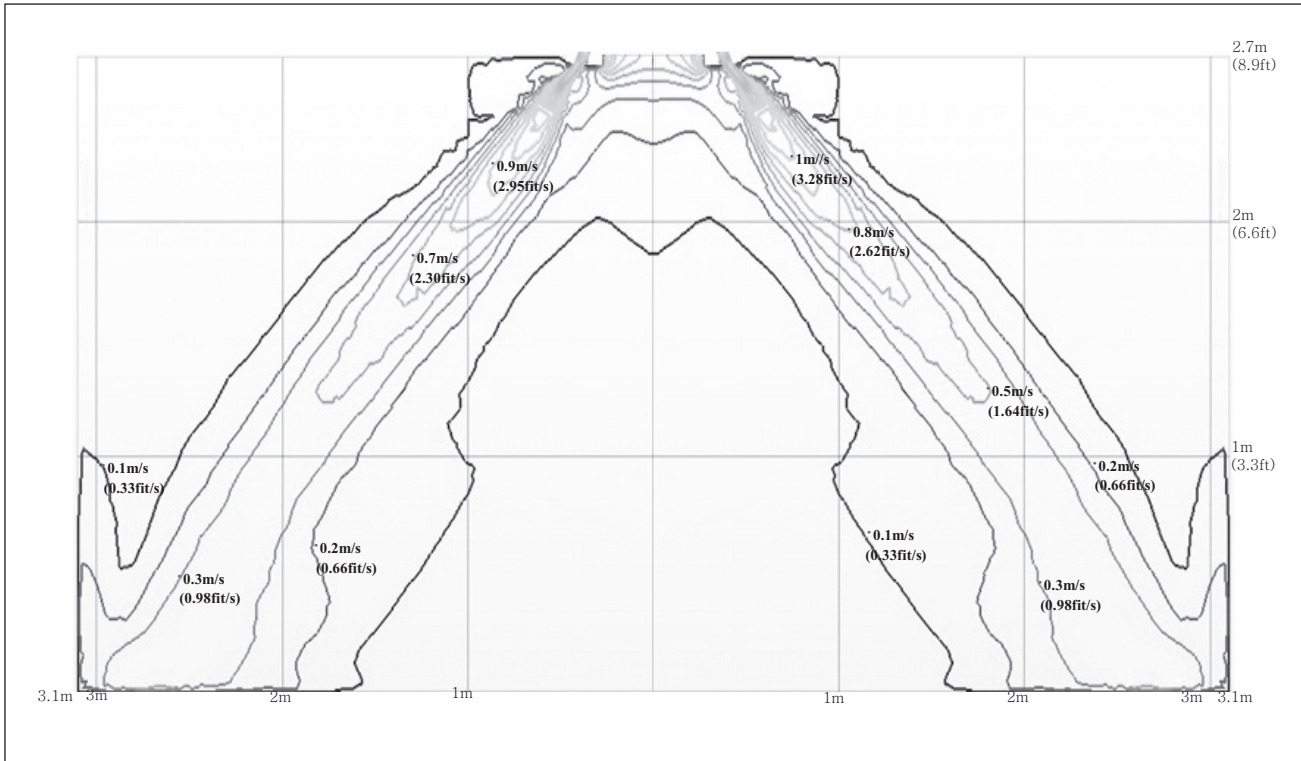
◆ Discharge angle :



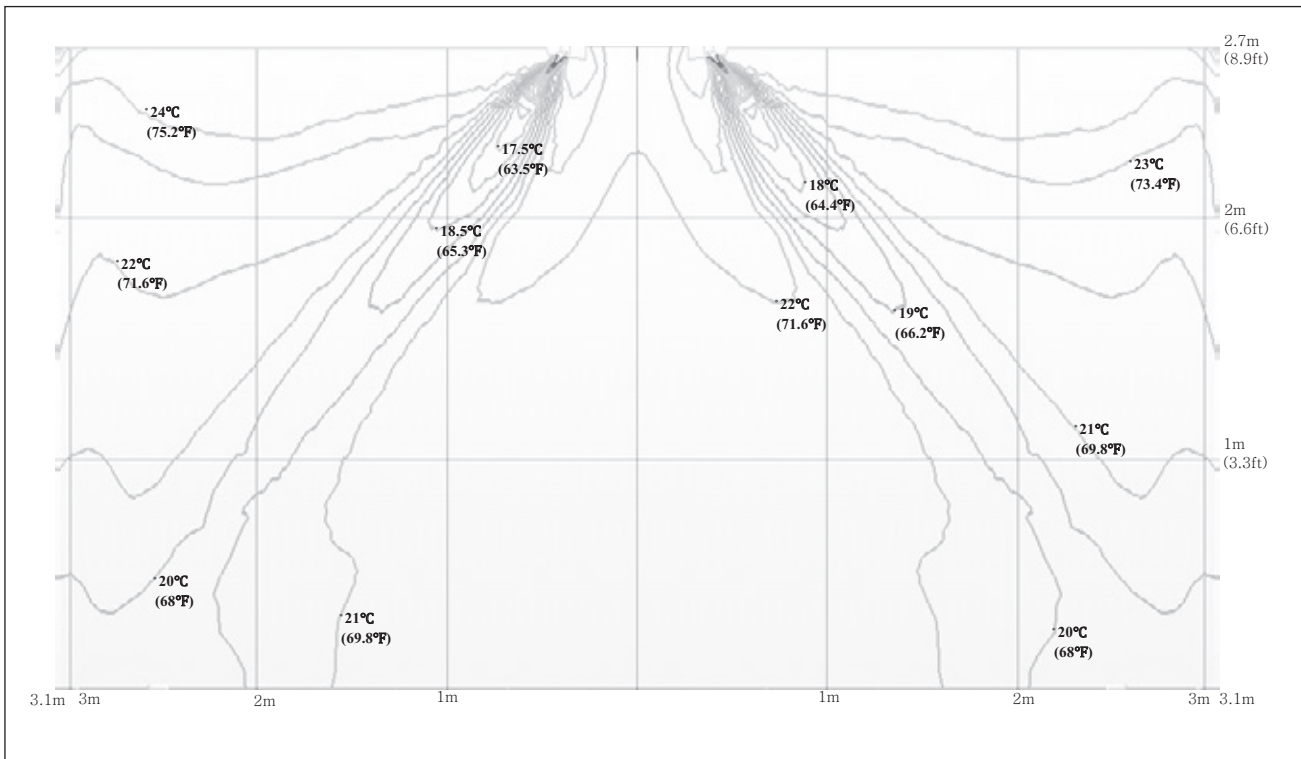
3 4 way cassette

4TVC0024B100NB

(1) Cooling air velocity distribution



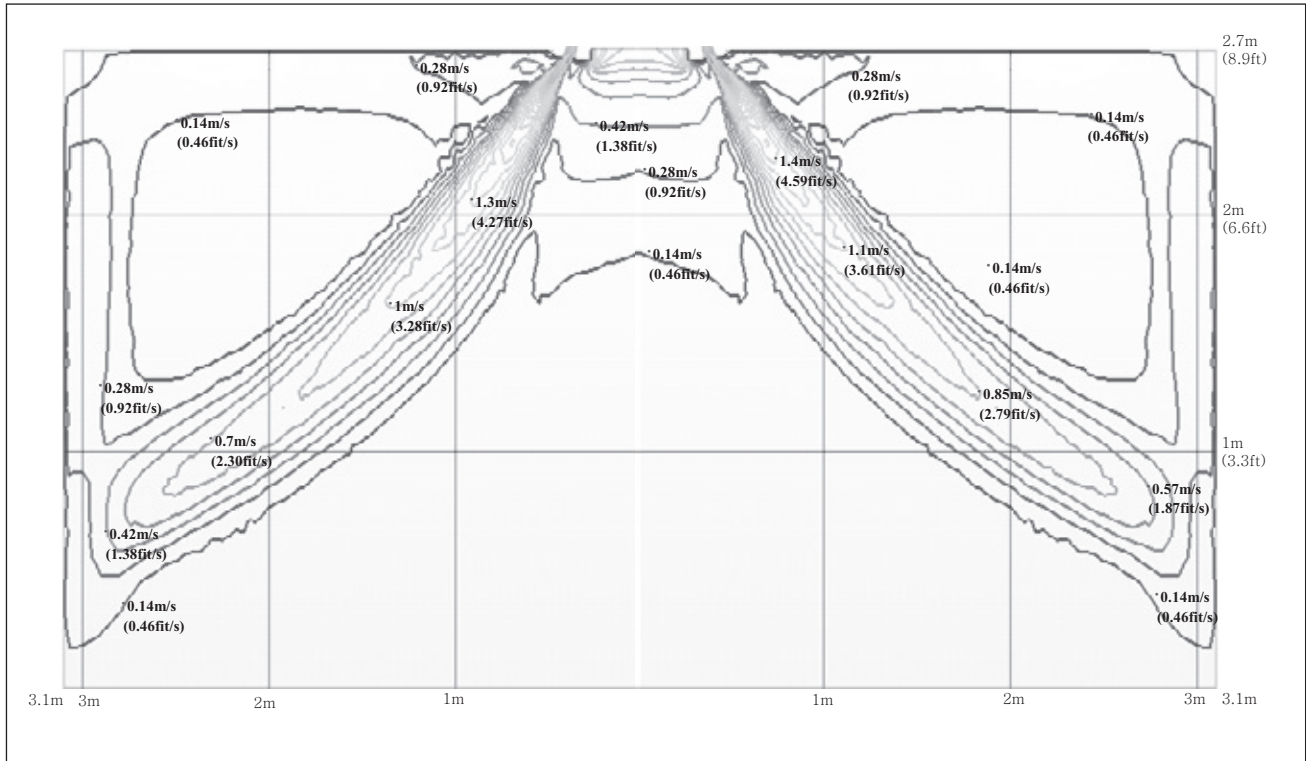
(2) Cooling temperature distribution



4TVC0024B100NB

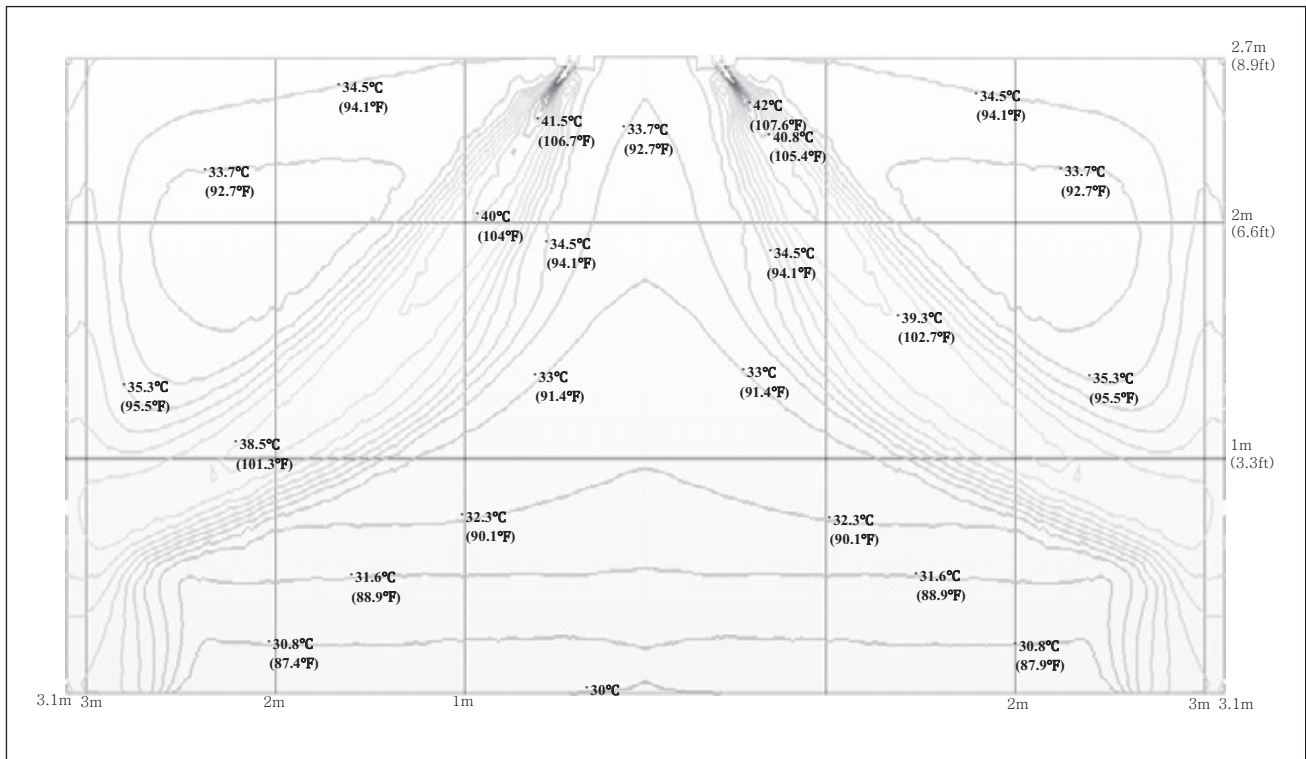
(3) Heating air velocity distribution

◆ Discharge angle :



(4) Heating temperature distribution

◆ Discharge angle :

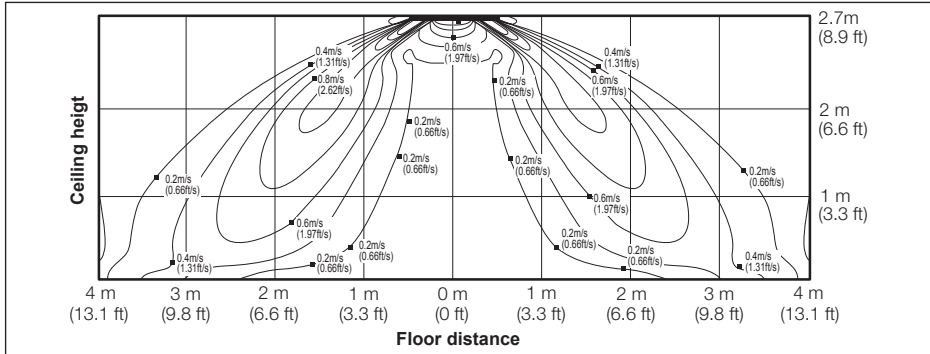


4 way cassette

4TVC0030B100NB

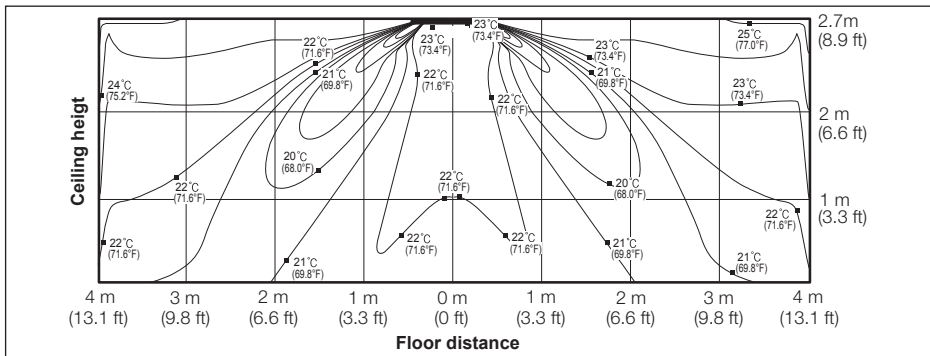
(1) Cooling air velocity distribution

◆ Discharge angle : 45°



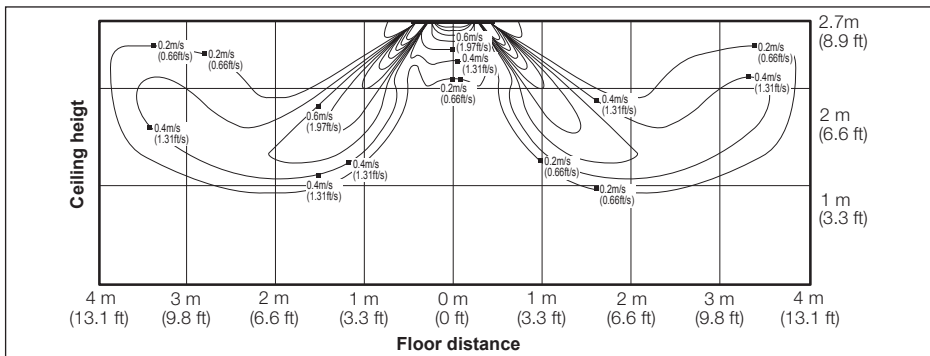
(2) Cooling temperature distribution

◆ Discharge angle : 45°



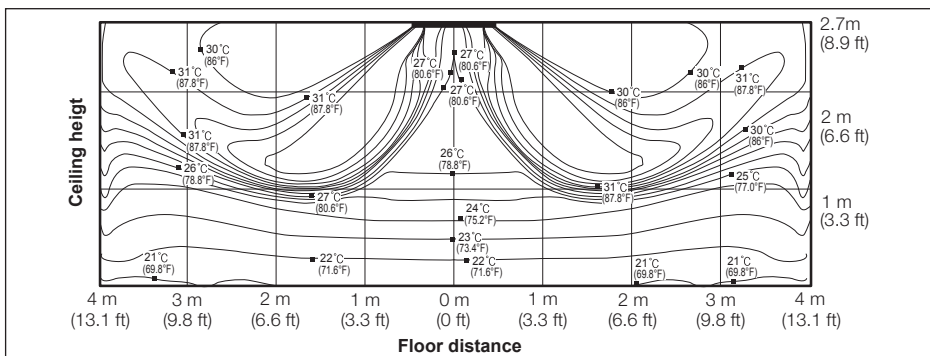
(3) Heating air velocity distribution

◆ Discharge angle : 52°



(4) Heating temperature distribution

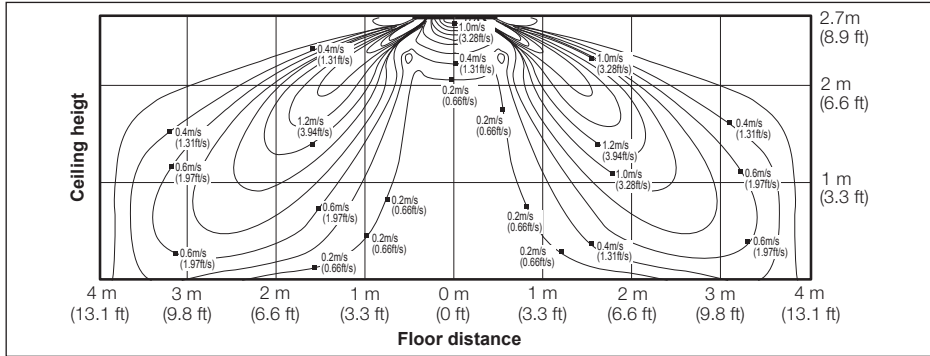
◆ Discharge angle : 52°



4TVC0036B100NB

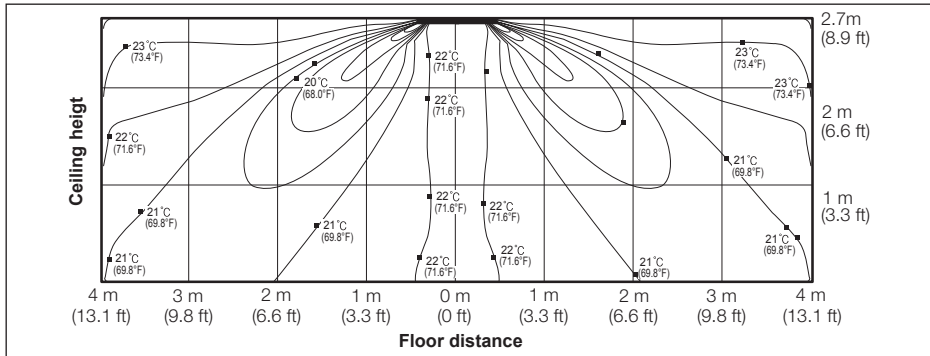
(1) Cooling air velocity distribution

◆ Discharge angle : 45°



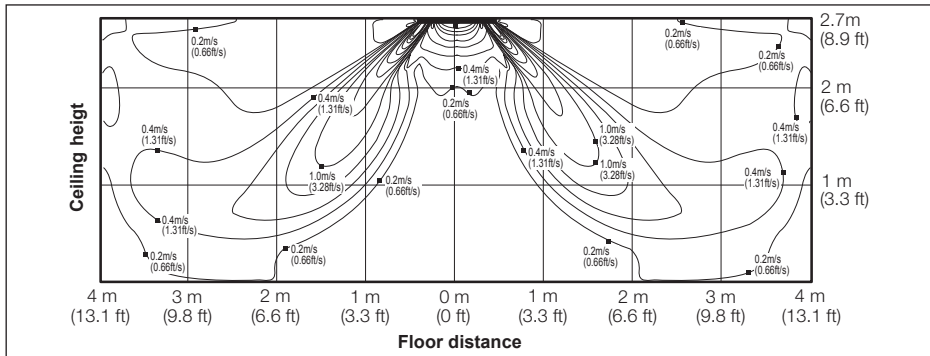
(2) Cooling temperature distribution

◆ Discharge angle : 45°



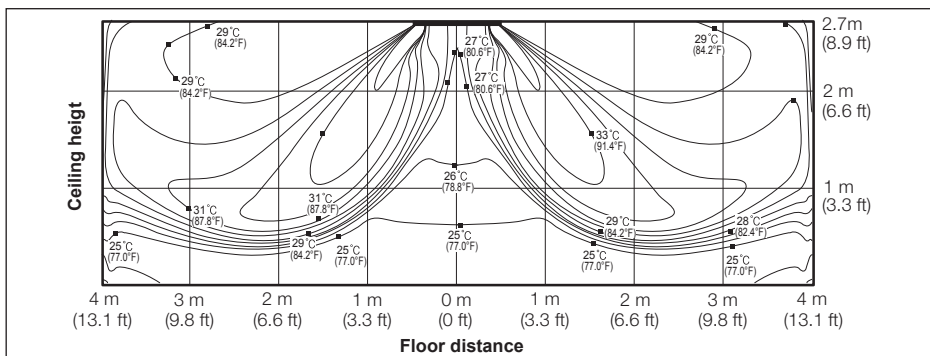
(3) Heating air velocity distribution

◆ Discharge angle : 52°



(4) Heating temperature distribution

◆ Discharge angle : 52°

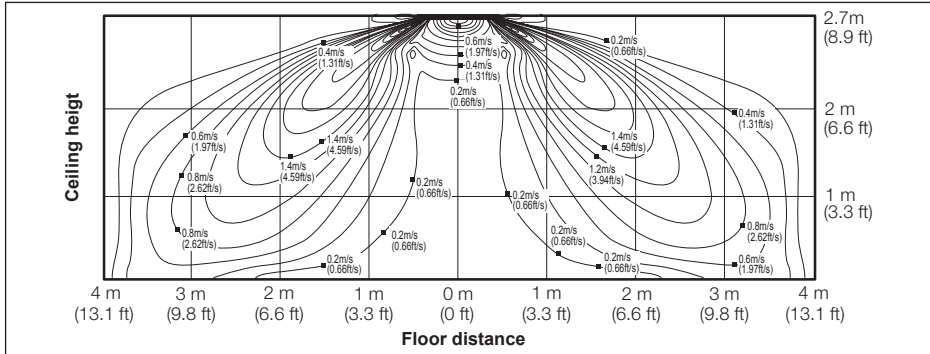


3 4 way cassette

4TVC0048B100NB

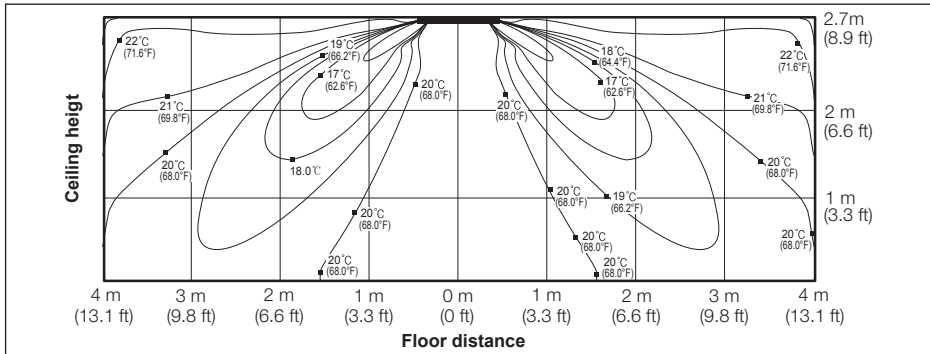
Cooling air velocity distribution

◆ Discharge angle : 45°



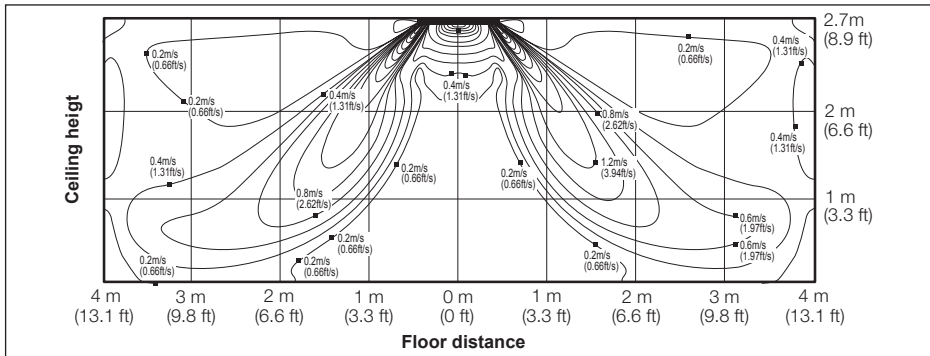
(2) Cooling temperature distribution

◆ Discharge angle : 45°



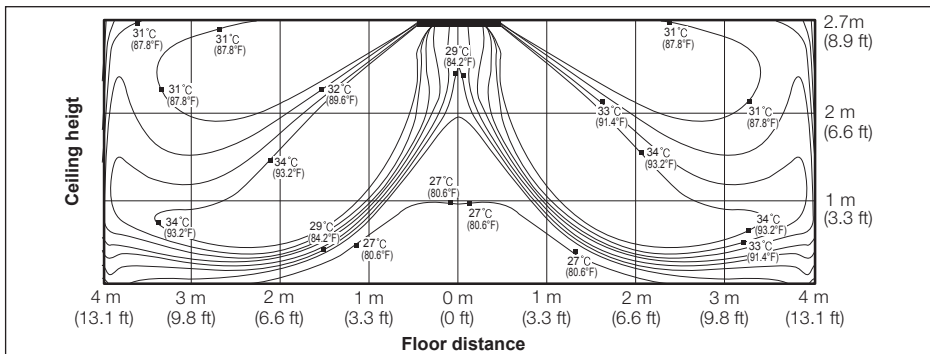
(3) Heating air velocity distribution

◆ Discharge angle : 52°



(4) Heating temperature distribution

◆ Discharge angle : 52°



4 Slim duct

4-1. Specifications

Technical specifications

Model Name				4TVL0007B100NB	4TVL0009B100NB	4TVL0012B100NB	4TVL0018B100NB
Power Supply				208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Performance	Capacity (Nominal) ¹	Cooling	Btu/h	7,500	9,500	12,000	18,000
		Heating	Btu/h	8,500	10,500	13,500	20,000
Power	Power Input (Nominal) ¹	Cooling	W	47.0	60.0	75.0	140.0
		Heating		47.0	60.0	75.0	140.0
	Current Input (Nominal) ¹	Cooling	A	0.32	0.40	0.51	0.94
		Heating		0.32	0.40	0.51	0.94
Fan	Motor	Type (Qty.)	-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output (Each)	W	40 x 1	50 x 1	60 x 1	100 x 1
	Airflow Rate	H/M/L	CFM	282/247/212	318/282/247	353/300/247	547/495/441
	External Static Pressure	Min/Std/Max	in. WG	0.00/0.08/0.16	0.00/0.08/0.16	0.00/0.08/0.16	0.00/0.08/0.16
Piping Connections	Liquid Pipe		Ø inch	1/4	1/4	1/4	1/4
	Gas Pipe		Ø inch	1/2	1/2	1/2	1/2
	Drain Pipe		Ø inch	VP 25 (OD 1 1/4", ID 1")	VP 25 (OD 1 1/4", ID 1")	VP 25 (OD 1 1/4", ID 1")	VP 25 (OD 1 1/4", ID 1")
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Control Method		-	EEV (Included)	EEV (Included)	EEV (Included)	EEV (Included)
Sound ²	Sound Pressure	H/M/L	dB(A)	26.0/24.0/21.0	27.0/25.0/23.0	29.0/28.0/27.0	36.0/34.0/31.0
External Dimensions	Net Weight		lbs.	54.0	54.0	54.0	66.1
	Shipping Weight		lbs.	62.8	62.8	62.8	76.0
	Net Dimensions (WxHxD)		inches	35 7/16 x 7 13/16 x 23 5/8	35 7/16 x 7 13/16 x 23 5/8	35 7/16 x 7 13/16 x 23 5/8	43 5/16 x 7 13/16 x 23 5/8
	Shipping Dimensions (WxHxD)		inches	45 1/4 x 11 x 28	45 1/4 x 11 x 28	45 1/4 x 11 x 28	53 3/16 x 11 x 28
Additional Features	Drain Pump ³	Model Name	-	CONDPUMPXVLB01	CONDPUMPXVLB01	CONDPUMPXVLB01	CONDPUMPXVLB01
		Max. Lifting Height	inches	29.5	29.5	29.5	29.5
		Displacement	Gal/Hr.	6.25	6.25	6.25	6.25
	Air Filter		-	Washable Filter	Washable Filter	Washable Filter	Washable Filter

- Nominal capacity based on 25 ft. of equivalent refrigerant piping with 0 ft. level difference.
 - Cooling: Indoor temperature 80°F DB, 67°F WB/Outdoor temperature 95°F DB, 75°F WB
 - Heating: Indoor temperature 70°F DB, 60°F WB/Outdoor temperature 47°F DB, 43°F WB
- Sound pressure was acquired in a dead room. Actual noise level may be different depending on installation conditions.
- Internally installed drain pump must be ordered separately
- Trane has a policy of continuous product and product data improvement and reserves the right to change design and specifications without notice.

Technical specifications

Model Name				4TVL0024B100NB	4TVL0030B100NB	4TVL0036B100NB	4TVL0048B100NB
Power Supply				208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Performance	Capacity (Nominal) ¹	Cooling	Btu/h	24,000	30,000	36,000	48,000
		Heating	Btu/h	27,000	34,000	40,000	54,000
Power	Power Input (Nominal) ¹	Cooling	W	145.0	95.0	120.0	180.0
		Heating		145.0	95.0	120.0	180.0
	Current Input (Nominal) ¹	Cooling	A	0.98	0.80	1.05	1.40
		Heating		0.98	0.80	1.05	1.40
Fan	Motor	Type (Qty.)	-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output (Each)	W	110 x 1	80 x 1	100 x 1	160 x 1
	Airflow Rate	H/M/L	CFM	582/530/477	880/810/705	950/880/810	1,235/1,165/1,060
	External Static Pressure	Min/Std/Max	in. WG	0.00/0.08/0.16	0.00/0.14/0.28	0.00/0.14/0.28	0.00/0.14/0.28
Piping Connections	Liquid Pipe		Ø inch	3/8	3/8	3/8	3/8
	Gas Pipe		Ø inch	5/8	5/8	5/8	5/8
	Drain Pipe		Ø inch	VP 25 (OD 1 1/4", ID 1")	VP 25 (OD 1 1/4", ID 1")	VP 25 (OD 1 1/4", ID 1")	VP 25 (OD 1 1/4", ID 1")
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Control Method		-	EEV (Included)	EEV (Included)	EEV (Included)	EEV (Included)
Sound ²	Sound Pressure	H/M/L	dB(A)	38.0/36.0/33.0	37.0/36.0/34.0	37.0/36.0/34.0	39.0/38.0/36.0
External Dimensions	Net Weight		lbs.	66.1	88.2	88.2	91.5
	Shipping Weight		lbs.	76.0	103.6	103.6	107.0
	Net Dimensions (WxHxD)		inches	43 5/16 x 7 13/16 x 23 5/8	51 3/16 x 11 5/8 x 27 3/16	51 3/16 x 11 5/8 x 27 3/16	51 3/16 x 11 5/8 x 27 3/16
	Shipping Dimensions (WxHxD)		inches	53 3/16 x 11 x 28	62 x 14 9/16 x 32 7/8	62 x 14 9/16 x 32 7/8	62 x 14 9/16 x 32 7/8
Additional Features	Drain Pump ³	Model Name	-	CONDPUMPXVLB01	CONDPUMPXVLB01	CONDPUMPXVLB01	CONDPUMPXVLB01
		Max. Lifting Height	inches	29.5	29.5	29.5	29.5
		Displacement	Gal./Hr.	6.25	6.25	6.25	6.25
	Air Filter		-	Washable Filter	Washable Filter	Washable Filter	Washable Filter

1. Nominal capacity based on 25 ft. of equivalent refrigerant piping with 0 ft. level difference.

- Cooling: Indoor temperature 80°F DB, 67°F WB/Outdoor temperature 95°F DB, 75°F WB

- Heating: Indoor temperature 70°F DB, 60°F WB/Outdoor temperature 47°F DB, 43°F WB

2. Sound pressure was acquired in a dead room. Actual noise level may be different depending on installation conditions.

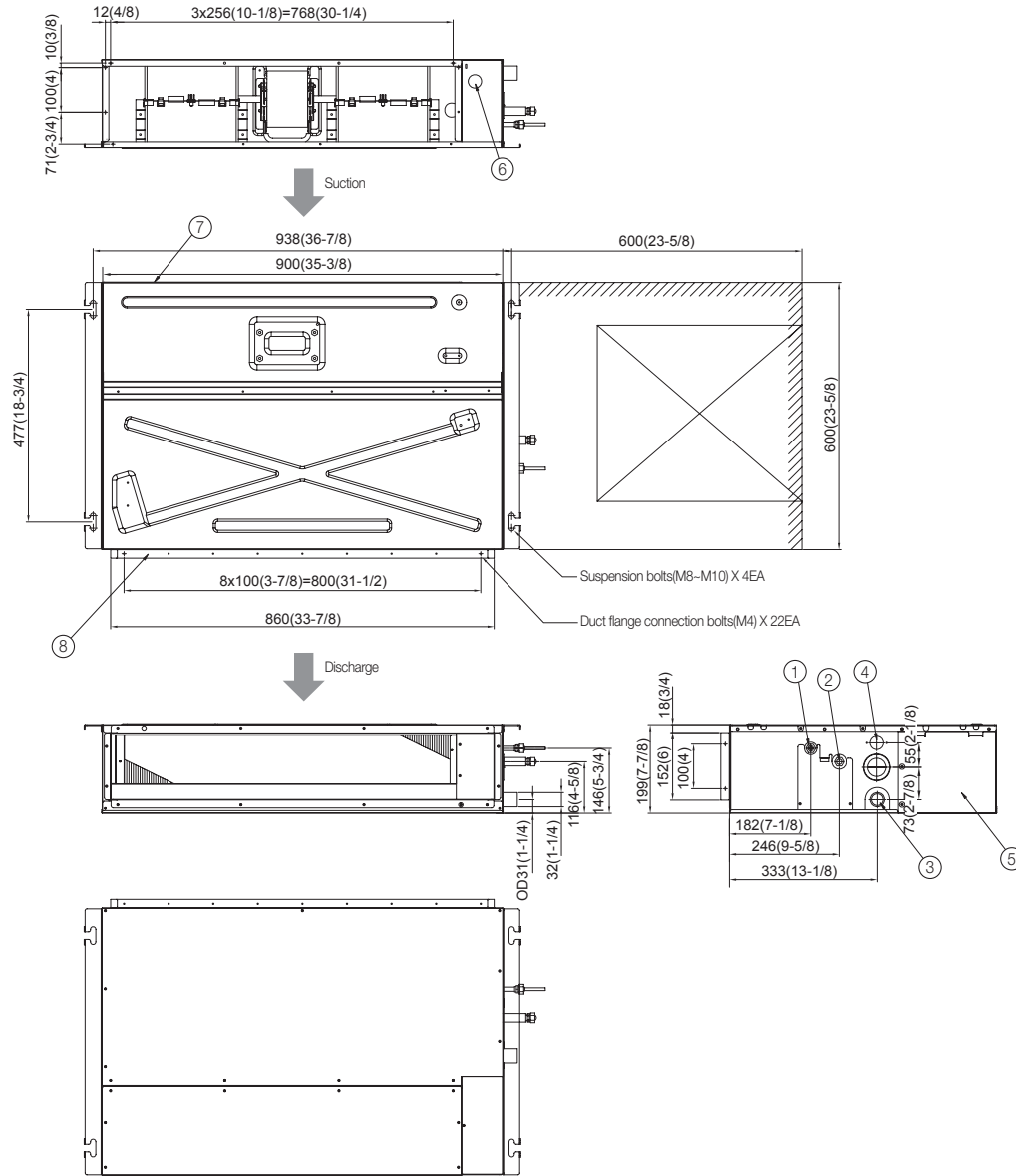
3. Internally installed drain pump must be ordered separately

4. Trane has a policy of continuous product and product data improvement and reserves the right to change design and specifications without notice.

4-2. Dimensional drawing

4TVL0007B1-TVL0012B100NB

Unit : mm(inch)

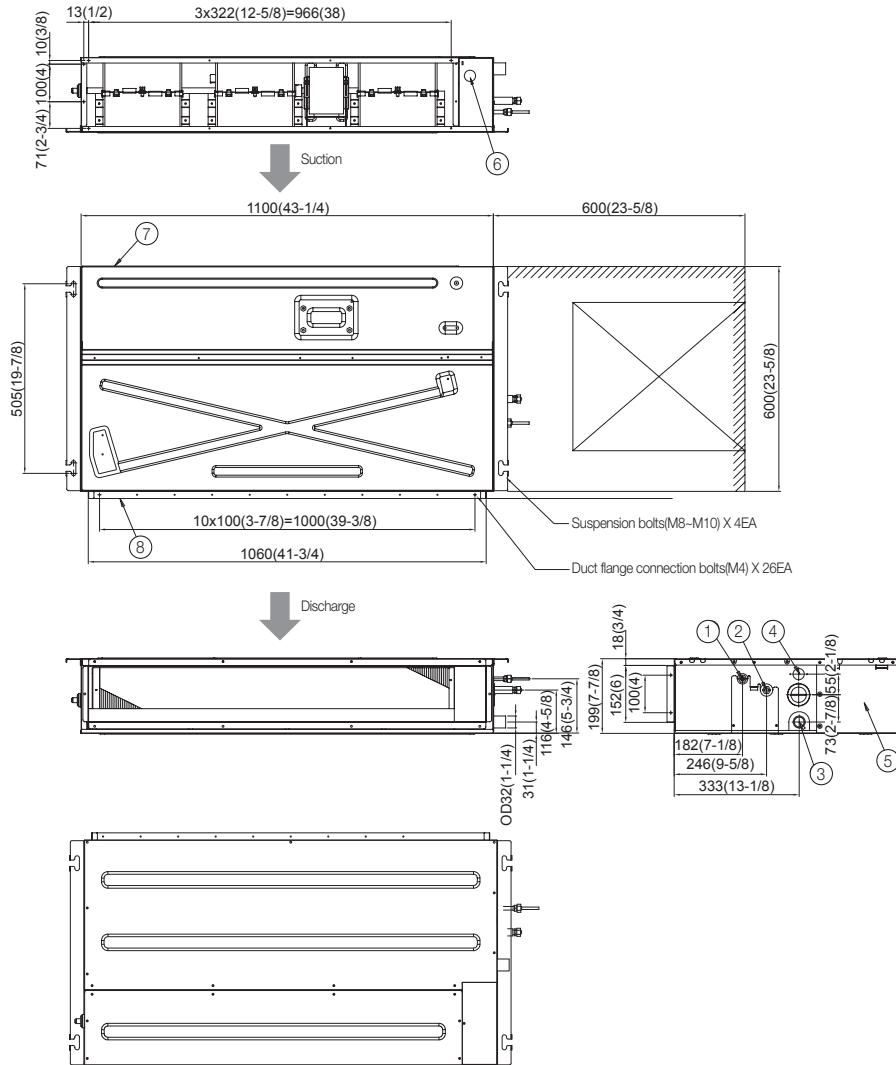


No.	Name	Description		
		7.5 MBH	9.5 MBH	12.0 MBH
①	Liquid pipe connection	Ø6.35(1/4") Flare		
②	Gas pipe connection	Ø12.70(1/2") Flare		
③	Drain pipe connection without optional drain pump kits	VP25 (OD 32, ID 25) / VP25 (OD 1 1/4", ID 1")		
④	Drain pipe connection with optional drain pump kits	VP25 (OD 32, ID 25) / VP25 (OD 1 1/4", ID 1")		
⑤	Control unit	-		
⑥	Conduit for power supply & communication wiring	-		
⑦	Return air side	-		
⑧	Air outlet duct flange	-		

4 Slim duct

4TVL0018B1-TVL0024B100NB

Unit : mm(inch)

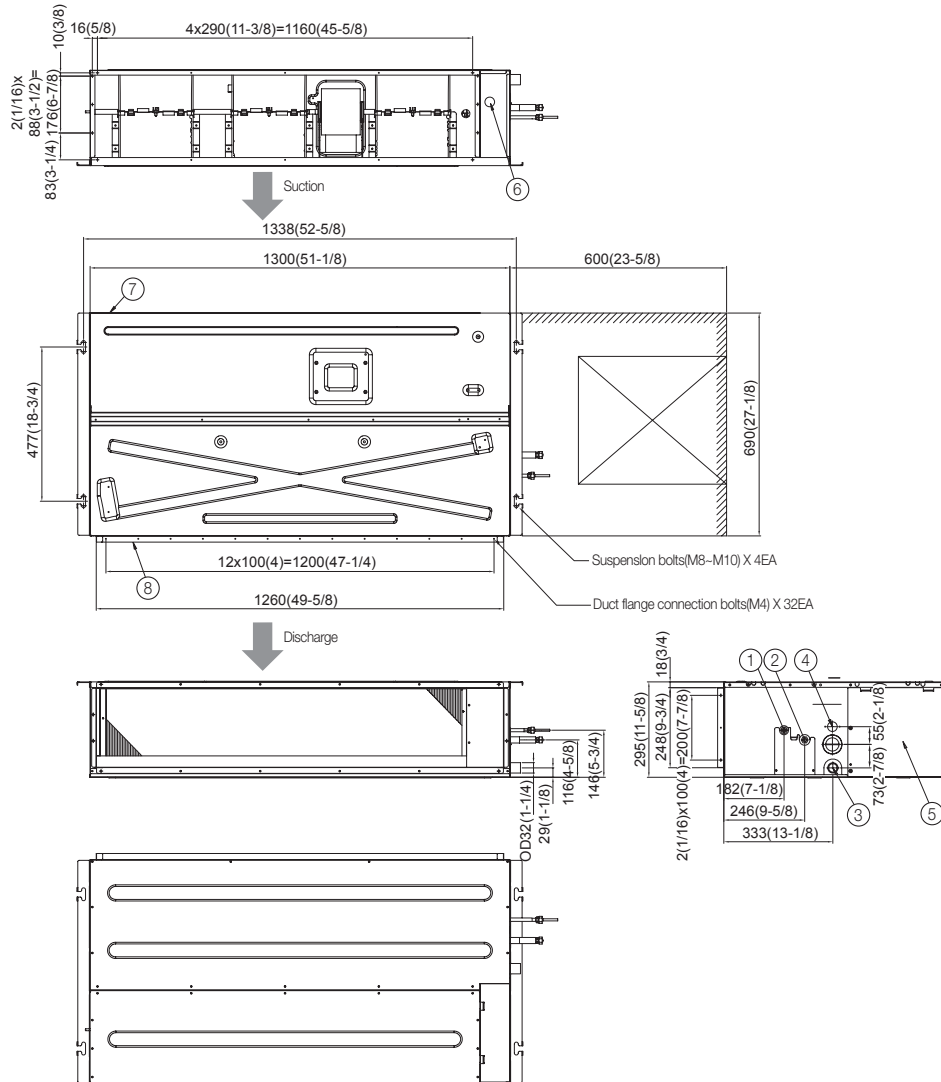


No.	Name	Description	
		18.0 MBH	24.0 MBH
①	Liquid pipe connection	Ø6.35(1/4") Flare	Ø9.52(3/8") Flare
②	Gas pipe connection	Ø12.70(1/2") Flare	Ø15.88(5/8") Flare
③	Drain pipe connection without optional drain pump kits	VP25 (OD 32, ID 25) / VP25 (OD 1 1/4", ID 1")	
④	Drain pipe connection with optional drain pump kits	VP25 (OD 32, ID 25) / VP25 (OD 1 1/4", ID 1")	
⑤	Control unit	-	
⑥	Conduit for power supply & communication wiring	-	
⑦	Return air side	-	
⑧	Air outlet duct flange	-	

4TVL0030B1-TVL0048B100NB

Unit : mm(inch)

Indoor units

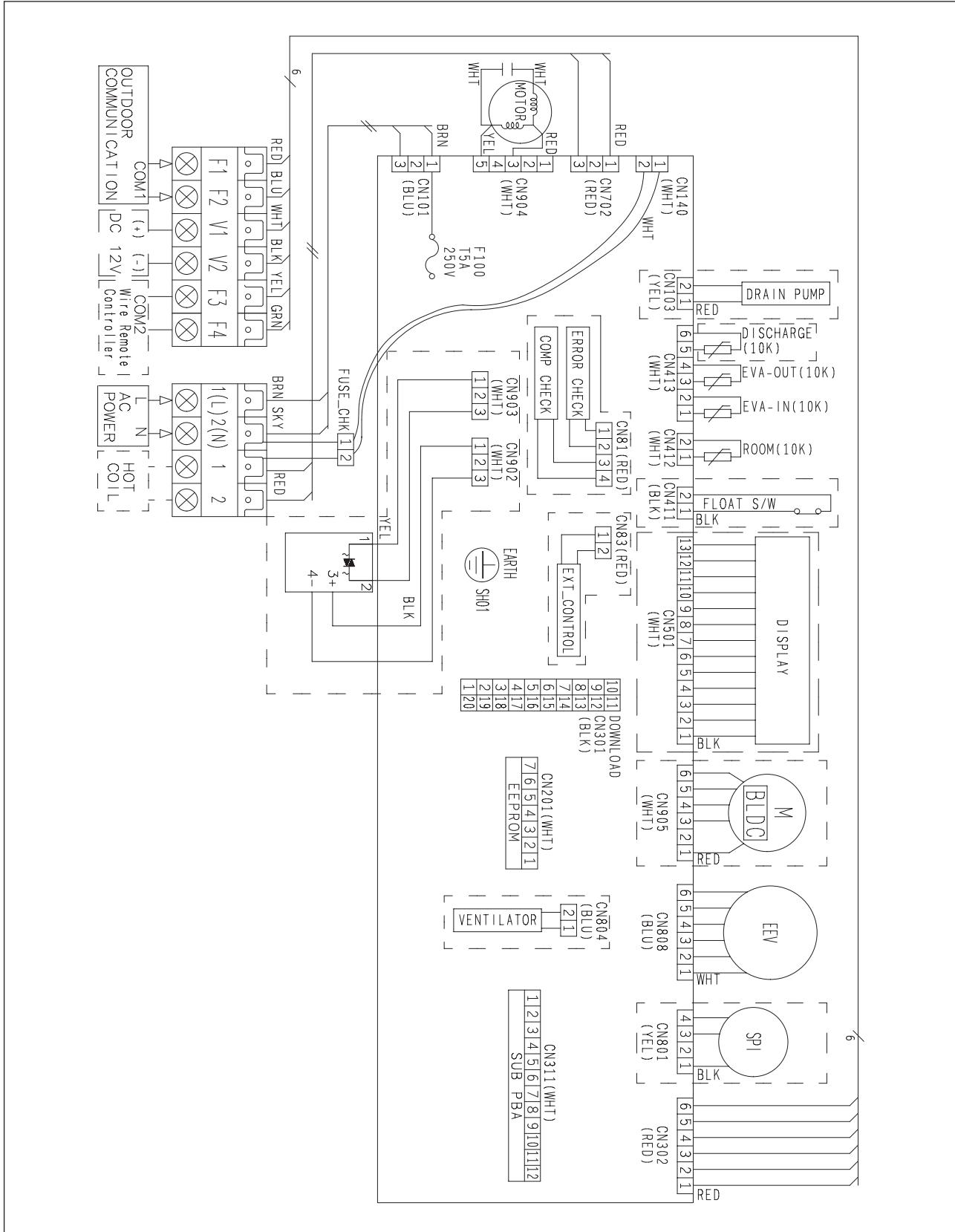


No.	Name	Description		
		30.0 MBH	36.0 MBH	48.0 MBH
①	Liquid pipe connection	Ø9.52(3/8") Flare		
②	Gas pipe connection	Ø15.88(5/8") Flare		
③	Drain pipe connection without optional drain pump kits	VP25 (OD 32, ID 25) / VP25 (OD 1 1/4", ID 1")		
④	Drain pipe connection with optional drain pump kits	VP25 (OD 32, ID 25) / VP25 (OD 1 1/4", ID 1")		
⑤	Control unit	-		
⑥	Conduit for power supply & communication wiring	-		
⑦	Return air side	-		
⑧	Air outlet duct flange	-		

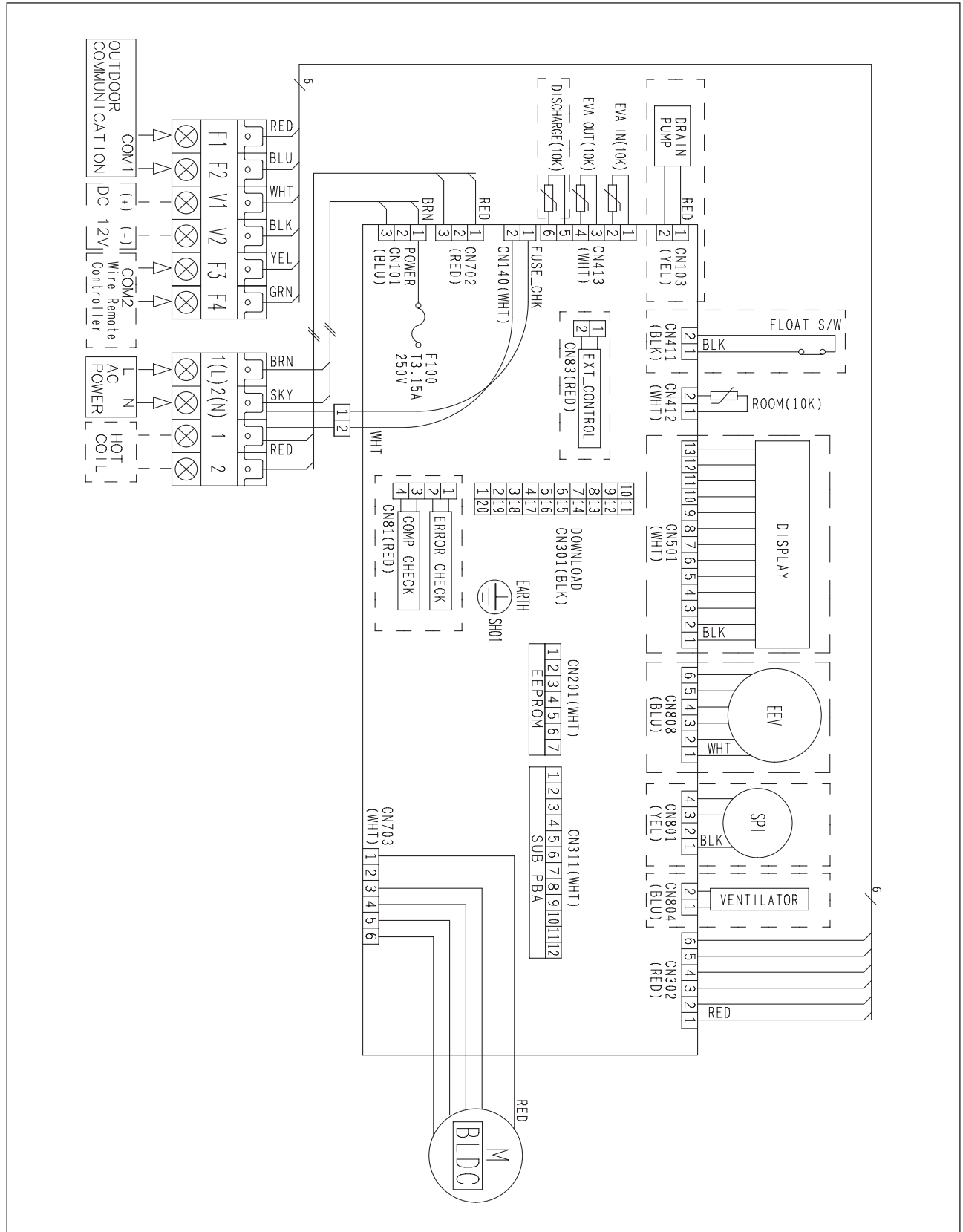
4 Slim duct

4-3. Electrical wiring diagram

4TVL0007B1-TVL0024B100NB



4TVL0030B1-TVL0048B100NB

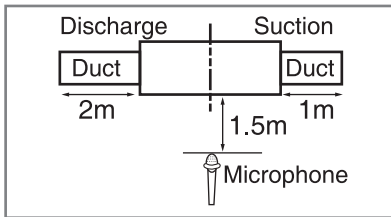


4 Slim duct

4-4. Sound pressure level

Operation sound level

Unit : dB(A)



Model	High	Low
4TVL0007B100NB	26	21
4TVL0009B100NB	27	23
4TVL0012B100NB	29	27
4TVL0018B100NB	36	31

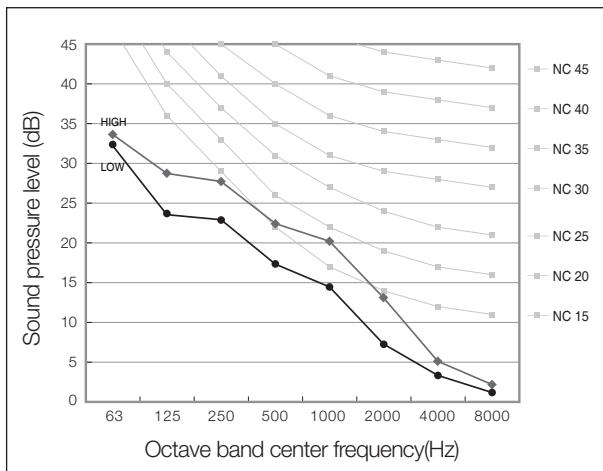
Model	High	Low
4TVL0024B100NB	38	33
4TVL0030B100NB	37	34
4TVL0036B100NB	37	34
4TVL0048B100NB	39	36

✓ Note

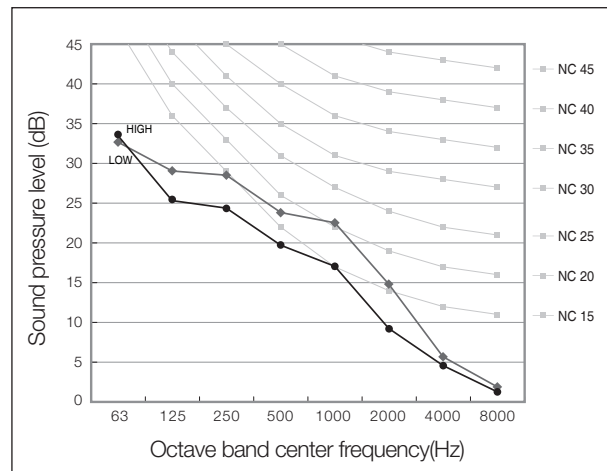
- ◆ These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- ◆ Operation sound level may differ depending on operation and ambient conditions.

2) NC curves

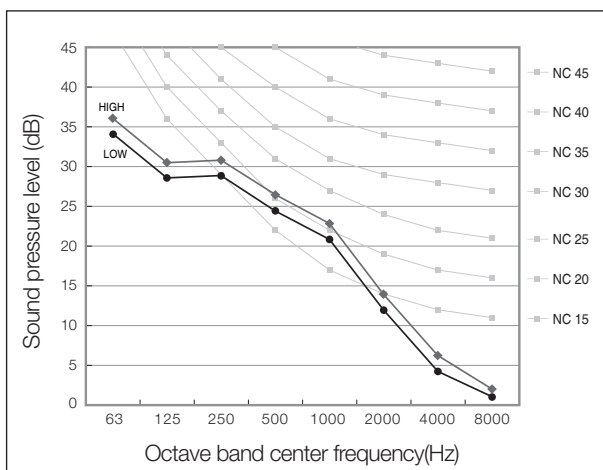
(1) 4TVL0007B100NB



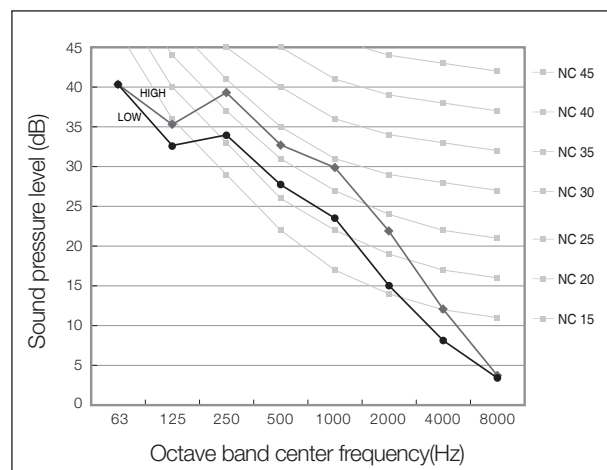
(2) 4TVL0009B100NB



(3) 4TVL0012B100NB

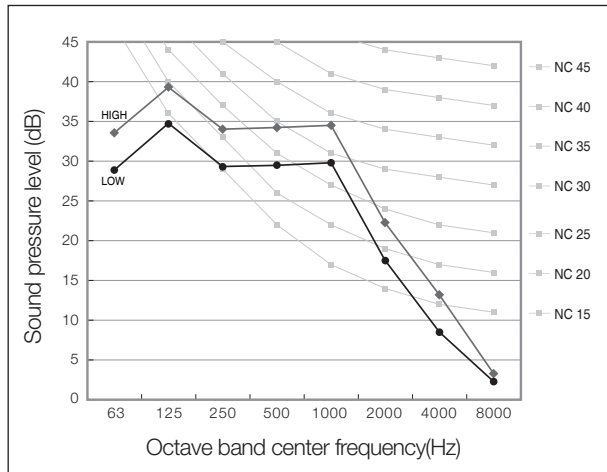


(4) 4TVL0018B100NB

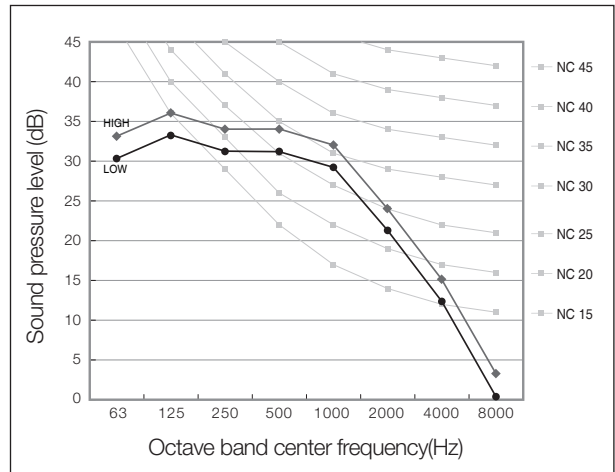


NC curves

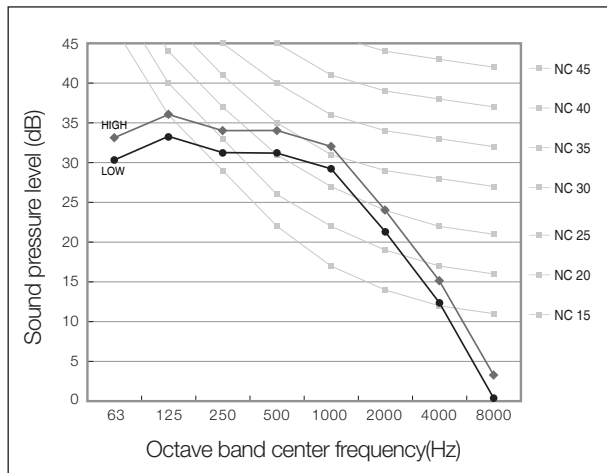
(5) 4TVL0024B100NB



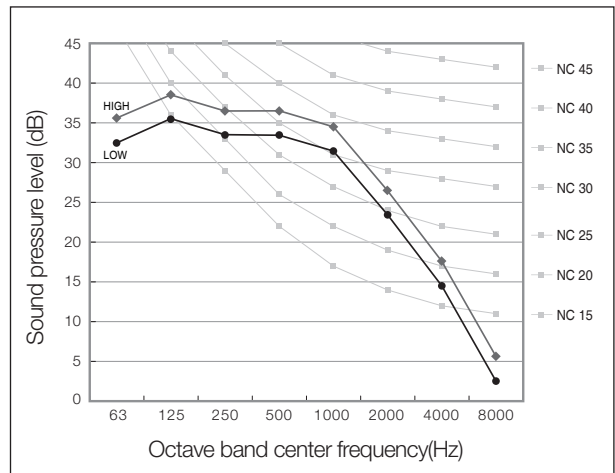
(6) 4TVL0030B100NB



(7) 4TVL0036B100NB



(8) 4TVL0048B100NB

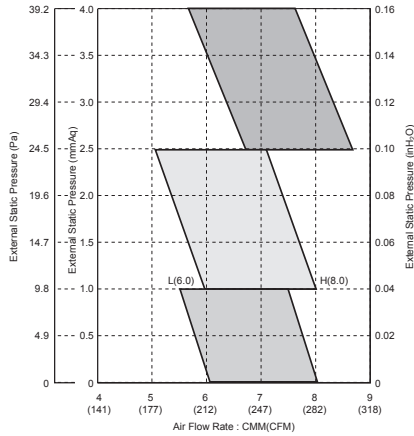


4 Slim duct

4-5. Recommended operation range

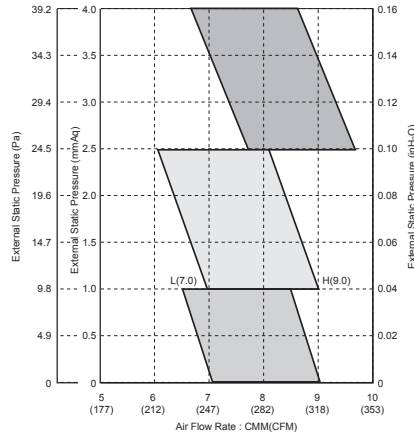
◆ Adjust option code according to the actual installation condition (external static pressure).

(1) 4TVL0007B100NB



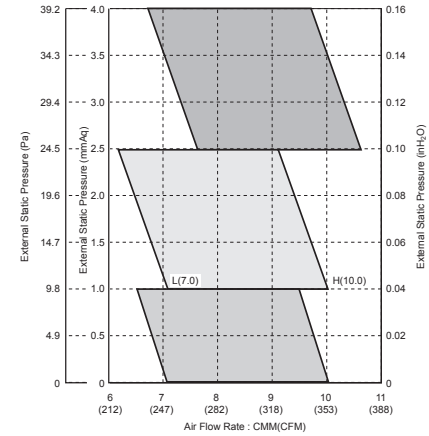
External Static Pressure (in H ₂ O)	Option code
0.00	010054-1254AE-201616-331110
0.04	010054-1255D1-201616-331110
0.08	010054-1255D1-201616-331110
0.16	010054-125904-201616-331110

(2) 4TVL0009B100NB



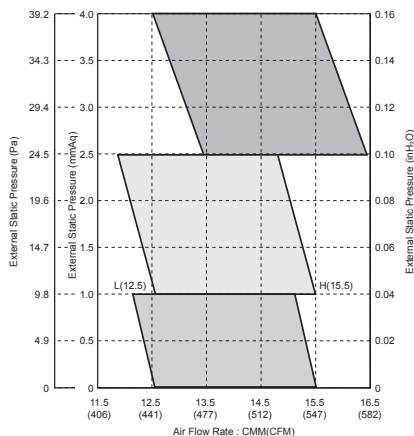
External Static Pressure (in H ₂ O)	Option code
0.00	010054-121913-201C1C-331110
0.04	010054-121946-201C1C-331110
0.08	010054-121946-201C1C-331110
0.16	010054-121979-201C1C-331110

(3) 4TVL0012B100NB



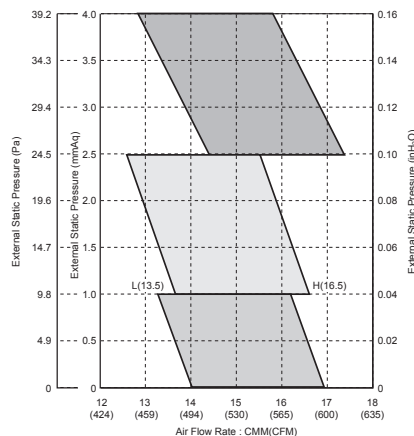
External Static Pressure (in H ₂ O)	Option code
0.00	010054-121946-202323-331110
0.04	010054-121979-202323-331110
0.08	010054-121979-202323-331110
0.16	010054-1219AC-202323-331110

(4) 4TVL0018B100NB



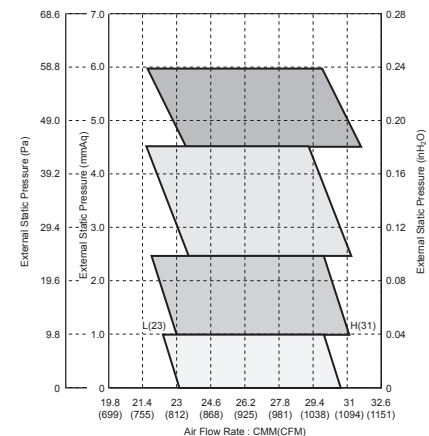
External Static Pressure (in H ₂ O)	Option code
0.00	010054-1259BA-203434-331110
0.04	010054-1259ED-203434-331110
0.08	010054-1259ED-203434-331110
0.16	010054-125E10-203434-331110

(5) 4TVL0024B100NB



External Static Pressure (in H ₂ O)	Option code
0.00	010054-125D2D-204848-331110
0.04	010054-125E50-204848-331110
0.08	010054-125E50-204848-331110
0.16	010054-125E83-204848-331110

(6) 4TVL0030B100NB



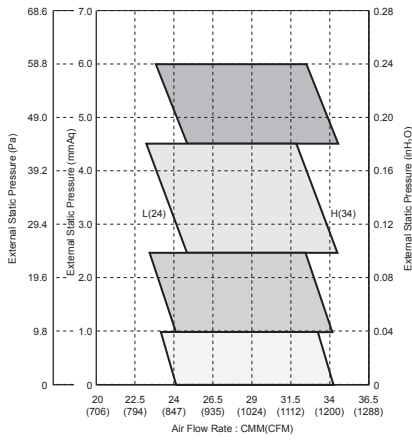
External Static Pressure (in H ₂ O)	Option code
0.00	010054-1B5915-205A5A-331110
0.04	010054-1B5948-205A5A-331110
0.12	010054-1B599F-205A5A-331110
0.24	010054-1B5AE4-205A5A-331110

Note

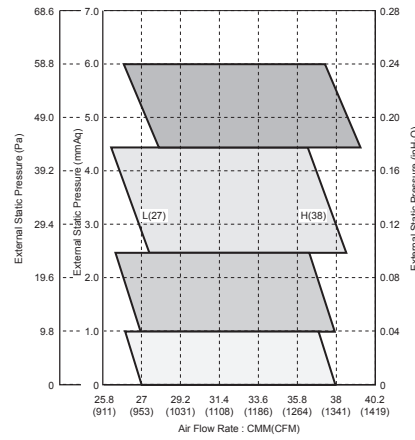
- ◆ ESP = External Static Pressure
- ◆ The graphs display the available external static pressure range of installed indoor units. Therefore, they do not reflect the actual change of external static pressure and airflow rate according to adjusted airflow (High-Mid-Low) of installed indoor units.

◆ Adjust option code according to the actual installation condition (external static pressure).

(7) 4TVL0036B100NB



(8) 4TVL0048B100NB



External Static Pressure (in H ₂ O)	Option code
0.00	010054-1B5956-206E6E-331110
0.04	010054-1B5989-206E6E-331110
0.12	010054-1B5AD0-206E6E-331110
0.24	010054-1B5E25-206E6E-331110

External Static Pressure (in H ₂ O)	Option code
0.00	010054-1B59B9-209191-331110
0.04	010054-1B59EC-209191-331110
0.12	010054-1B5E33-209191-331110
0.24	010054-1B5E88-209191-331110

Note

- ◆ ESP = External Static Pressure
- ◆ The graphs display the available external static pressure range of installed indoor units. Therefore, they do not reflect the actual change of external static pressure and airflow rate according to adjusted airflow (High-Mid-Low) of installed indoor units.

MSP (Middle static pressure) duct

5-1. Specifications

Technical specifications

Model Name				4TVD0018B100NB	4TVD0024B100NB	4TVD0030B100NB
Power Supply				208-230/60/1	208-230/60/1	208-230/60/1
Performance	Capacity (Nominal) ¹	Cooling	Btu/h	18,000	24,000	30,000
		Heating	Btu/h	20,000	27,000	34,000
Power	Power Input (Nominal) ¹	Cooling	W	165.0	220.0	260.0
		Heating		165.0	220.0	260.0
	Current Input (Nominal) ¹	Cooling	A	1.40	1.50	1.50
		Heating		1.40	1.50	1.50
Fan	Motor	Type (Qty.)	-	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output (Each)	W	124 x 1	124 x 1	180 x 1
	Airflow Rate	H/M/L	CFM	512/460/406	653/600/547	882/810/706
	External Static Pressure	Min/Std/Max	in. WG	0.00/0.16/0.31	0.00/0.16/0.31	0.24/0.31/0.39
Piping Connections	Liquid Pipe		Ø inch	1/4	3/8	3/8
	Gas Pipe		Ø inch	1/2	5/8	5/8
	Drain Pipe		Ø inch	VP 25 (OD 1 1/4", ID 1")	VP 25 (OD 1 1/4", ID 1")	VP 25 (OD 1 1/4", ID 1")
Refrigerant	Type		-	R-410A	R-410A	R-410A
	Control Method		-	EEV (Included)	EEV (Included)	EEV (Included)
Sound ²	Sound Pressure	H/M/L	dB(A)	35.0/33.0/31.0	39.0/35.0/31.0	40.0/37.0/34.0
External Dimensions	Net Weight		lbs.	63.9	63.9	80.5
	Shipping Weight		lbs.	72.75	72.75	89.3
	Net Dimensions (WxHxD)		inches	35 7/16 x 10 1/4 x 18 7/8	35 7/16 x 10 1/4 x 18 7/8	45 1/4 x 12 5/8 x 18 7/8
	Shipping Dimensions (WxHxD)		inches	46 1/16 x 13 3/8 x 23 7/16	46 1/16 x 13 3/8 x 23 7/16	55 15/16 x 15 3/4 x 23 7/16
Additional Features	Drain Pump ³	Model Name	-	CONDPUMPXVLB01	CONDPUMPXVMB01	CONDPUMPXVMB02
		Max. Lifting Height	inches	29.5	29.5	29.5
		Displacement	Gal/Hr.	6.25	6.25	6.25
	Air Filter		-	Washable Filter	Washable Filter	Washable Filter

1. Nominal capacity based on 25 ft. of equivalent refrigerant piping with 0 ft. level difference.

- Cooling: Indoor temperature 80°F DB, 67°F WB/Outdoor temperature 95°F DB, 75°F WB

- Heating: Indoor temperature 70°F DB, 60°F WB/Outdoor temperature 47°F DB, 43°F WB

2. Sound pressure was acquired in a dead room. Actual noise level may be different depending on installation conditions.

3. Internally installed drain pump must be ordered separately

4. Trane has a policy of continuous product and product data improvement and reserves the right to change design and specifications without notice.

Technical specifications

Model Name				4TVD0036B100NB	4TVD0048B100NB
Power Supply				208-230/60/1	208-230/60/1
Performance	Capacity (Nominal) ¹	Cooling	Btu/h	36,000	48,000
		Heating	Btu/h	40,000	54,000
Power	Power Input (Nominal) ¹	Cooling	W	290.0	430.0
		Heating		290.0	430.0
	Current Input (Nominal) ¹	Cooling	A	1.60	2.45
		Heating		1.60	2.45
Fan	Motor	Type (Qty.)	-	Sirocco Fan	Sirocco Fan
		Output (Each)	W	180 x 1	218 x 1
	Airflow Rate	H/M/L	CFM	954/880/812	1,236/1,165/1,059
	External Static Pressure	Min/Std/Max	in. WG	0.24/0.31/0.39	0.24/0.31/0.39
Piping Connections	Liquid Pipe		Ø inch	3/8	3/8
	Gas Pipe		Ø inch	5/8	5/8
	Drain Pipe		Ø inch	VP 25 (OD 1 1/4", ID 1")	VP 25 (OD 1 1/4", ID 1")
Refrigerant	Type		-	R-410A	R-410A
	Control Method		-	EEV (Included)	EEV (Included)
Sound ²	Sound Pressure	H/M/L	dB(A)	41.0/40.0/38.0	42.0/39.0/36.0
External Dimensions	Net Weight		lbs.	80.5	107
	Shipping Weight		lbs.	89.3	122.4
	Net Dimensions (WxHxD)		inches	45 1/4 x 12 5/8 x 18 7/8	47 1/4 x 14 3/16 x 25 5/8
	Shipping Dimensions (WxHxD)		inches	55 15/16 x 15 3/4 x 23 7/16	57 5/16 x 17 1/8 x 30 5/8
Additional Features	Drain Pump ³	Model Name	-	CONDPUMPXVMB02	CONDPUMPXVDB01
		Max. Lifting Height	inches	29.5	29.5
		Displacement	Gal/Hr.	6.25	6.25
	Air Filter		-	Washable Filter	Washable Filter

1. Nominal capacity based on 25 ft. of equivalent refrigerant piping with 0 ft. level difference.

- Cooling: Indoor temperature 80°F DB, 67°F WB/Outdoor temperature 95°F DB, 75°F WB

- Heating: Indoor temperature 70°F DB, 60°F WB/Outdoor temperature 47°F DB, 43°F WB

2. Sound pressure was acquired in a dead room. Actual noise level may be different depending on installation conditions.

3. Internally installed drain pump must be ordered separately

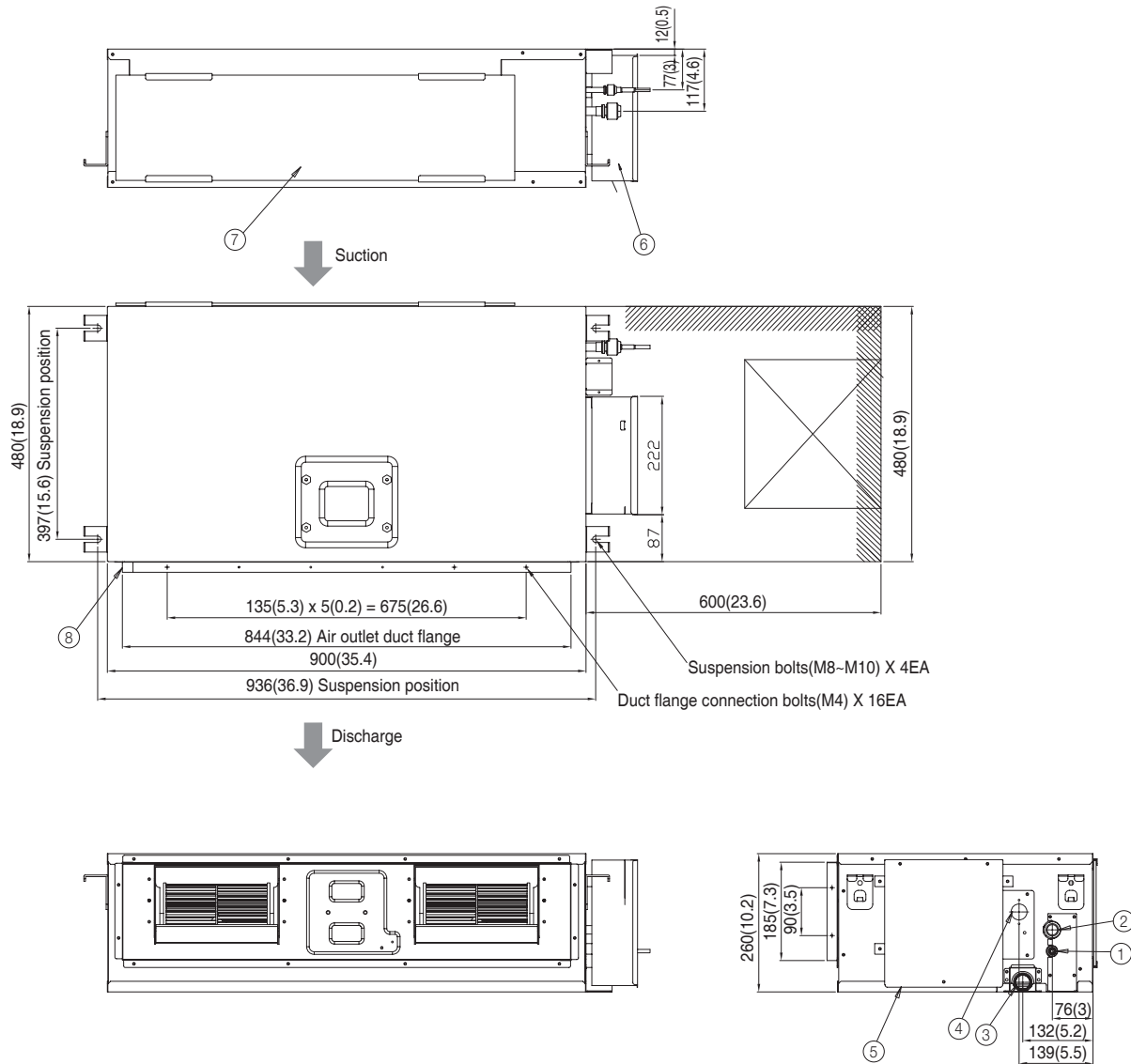
4. Trane has a policy of continuous product and product data improvement and reserves the right to change design and specifications without notice.

5 MSP (Middle static pressure) duct

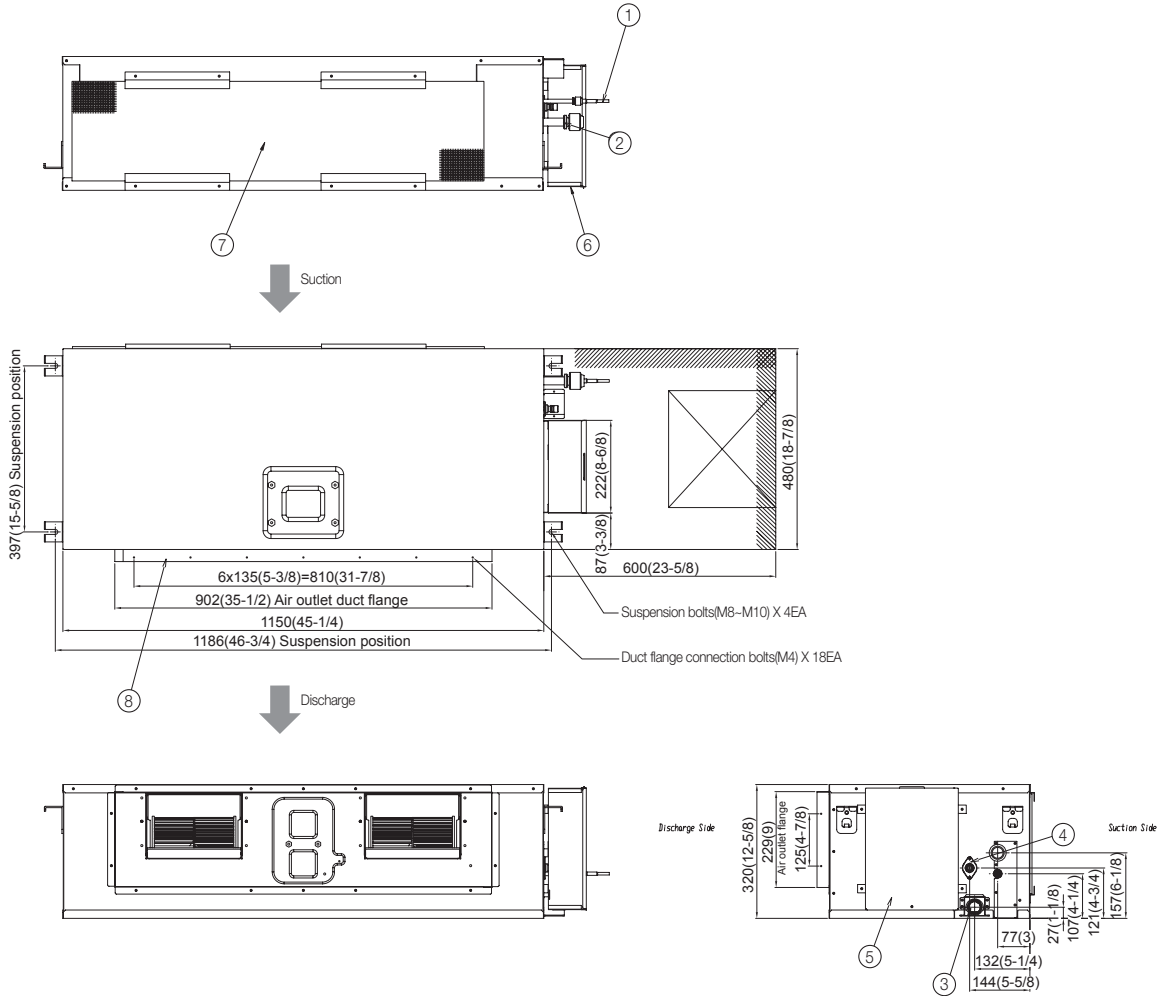
5-2. Dimensional drawing

4TVD0018B1-TVD0024B100NB

Unit: mm(inch)



No.	Name	Description	
		18MBH	24MBH
①	Liquid pipe connection	Ø6.35(1/4") Flare	Ø9.52(3/8") Flare
②	Gas pipe connection	Ø12.70(1/2") Flare	Ø15.88(5/8") Flare
③	Drain pipe connection without optional drain pump kits	VP25 (OD 32, ID 25) / VP25 (OD 1 1/4", ID 1")	
④	Drain pipe connection with optional drain pump kits	VP25 (OD 32, ID 25) / VP25 (OD 1 1/4", ID 1")	
⑤	Control unit	-	
⑥	Conduit for power supply & communication wiring	-	
⑦	Return air side	-	
⑧	Air outlet duct flange	-	



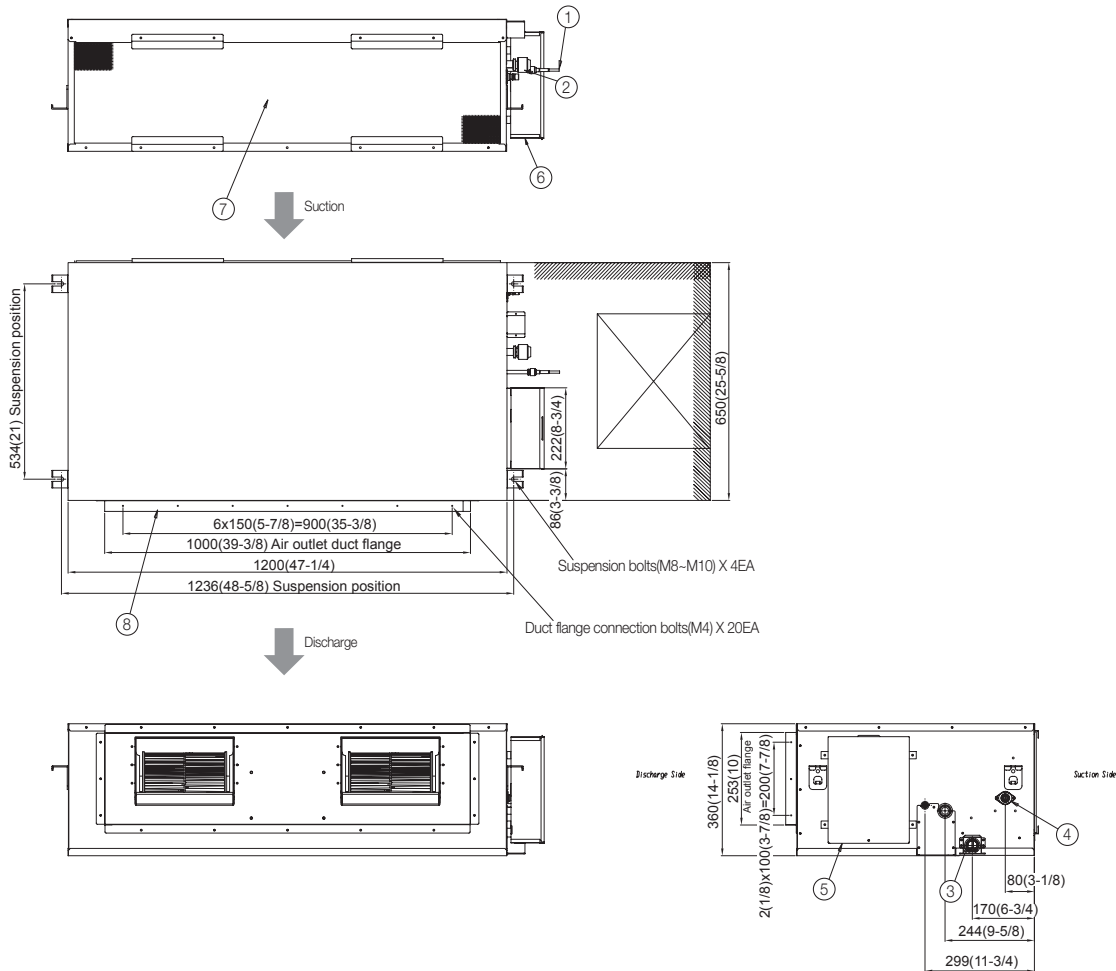
No.	Name	Description	
		30.0 MBH	36.0 MBH
①	Liquid pipe connection	Ø9.52(3/8") Flare	
②	Gas pipe connection	Ø15.88(5/8") Flare	
③	Drain pipe connection without optional drain pump kits	VP25 (OD 32, ID 25) / VP25 (OD 1 1/4", ID 1")	
④	Drain pipe connection with optional drain pump kits	VP25 (OD 32, ID 25) / VP25 (OD 1 1/4", ID 1")	
⑤	Control unit	-	
⑥	Conduit for power supply & communication wiring	-	
⑦	Return air side	-	
⑧	Air outlet duct flange	-	

5 MSP (Middle static pressure) duct

5-3. Dimensional drawing

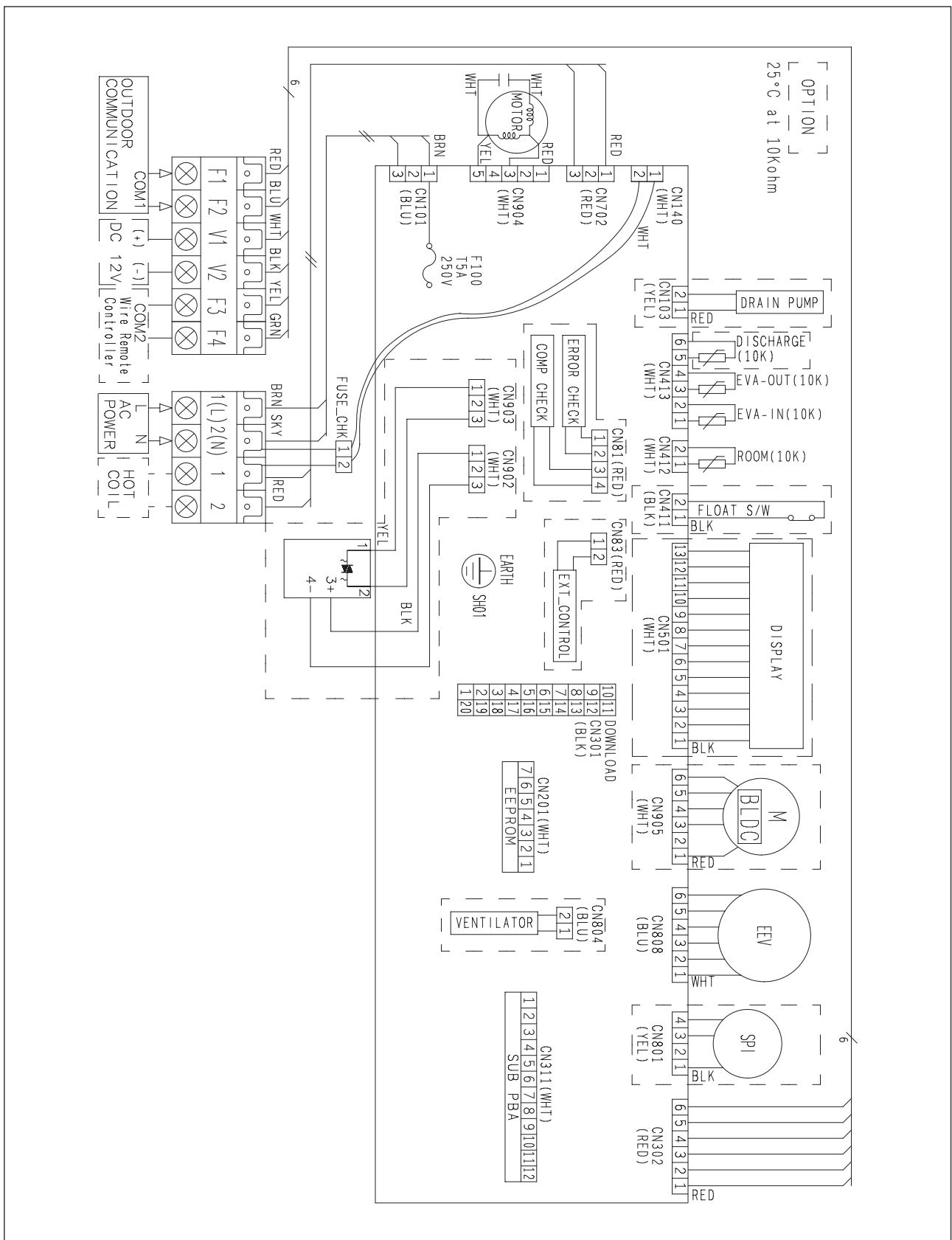
4TVD0048B100NB

Unit: mm(inch)



No.	Name	Description
		48.0 MBH
①	Liquid pipe connection	Ø9.52(3/8") Flare
②	Gas pipe connection	Ø15.88(5/8") Flare
③	Drain pipe connection without optional drain pump kits	VP25 (OD 32, ID 25) / VP25 (OD 1 1/4", ID 1")
④	Drain pipe connection with optional drain pump kits	VP25 (OD 32, ID 25) / VP25 (OD 1 1/4", ID 1")
⑤	Control unit	-
⑥	Conduit for power supply & communication wiring	-
⑦	Return air side	-
⑧	Air outlet duct flange	-

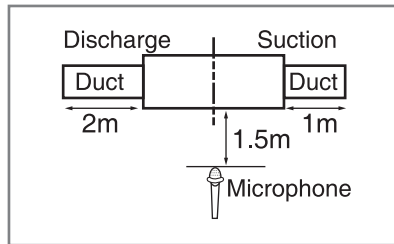
5-4. Electrical wiring diagram



5 MSP (Middle static pressure) duct

5-5. Sound pressure level

Operation sound level



Unit : dB(A)

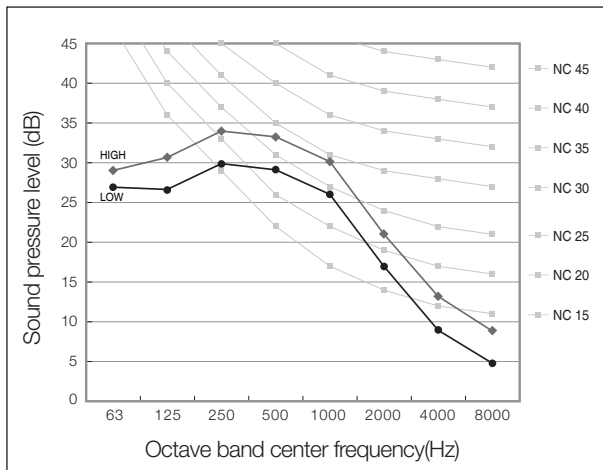
Model	High	Low
4TVD0018B100NB	35	31
4TVD0024B100NB	39	31
4TVD0030B100NB	40	34
4TVD0036B100NB	41	38
4TVD0048B100NB	42	36

✓ Note

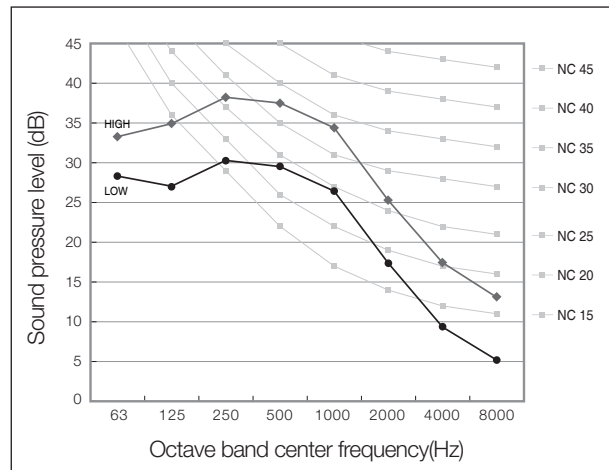
- ◆ These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- ◆ Operation sound level may differ depending on operation and ambient conditions.

2) NC curves

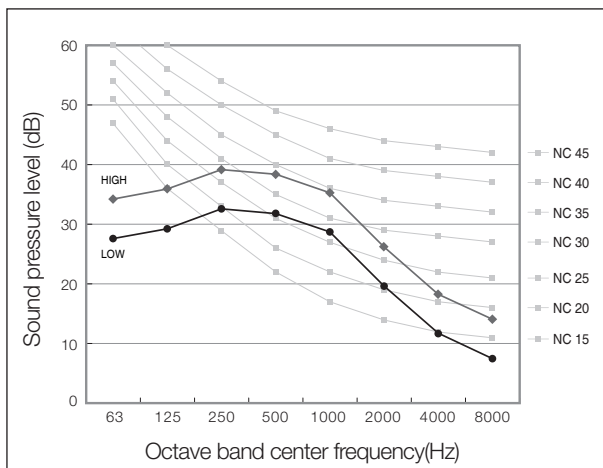
(1) 4TVD0018B100NB



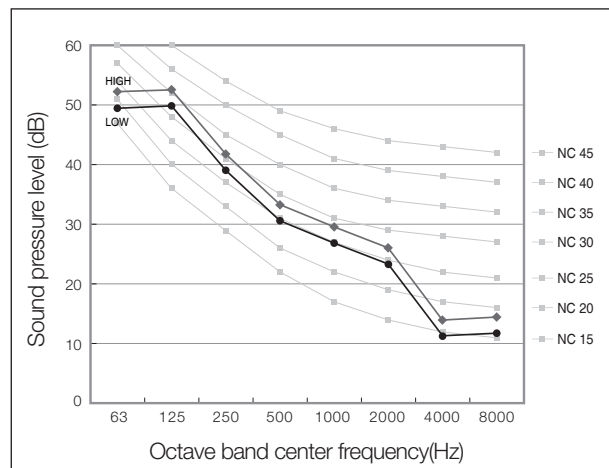
(2) 4TVD0024B100NB



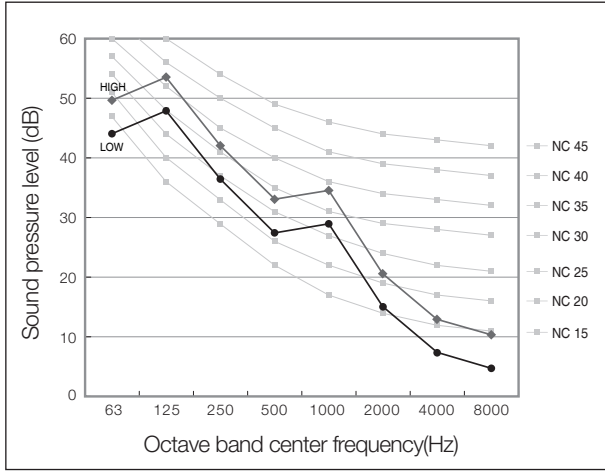
(3) 4TVD0030B100NB



(4) 4TVD0036B100NB



(5) 4TVD0048B100NB



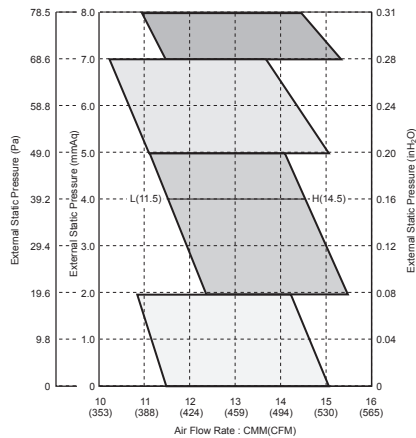
Indoor units

5 MSP (Middle static pressure) duct

5-6. Recommended operation range

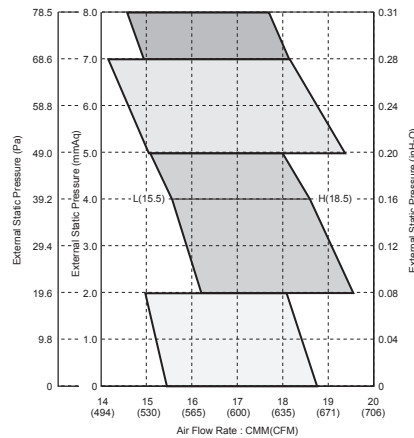
◆ Adjust option code according to the actual installation condition (external static pressure).

(1) 4TVD0018B100NB



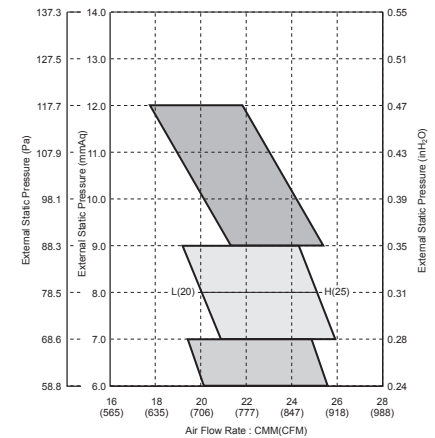
External Static Pressure (in H ₂ O)	Option code
0.00	010054-125571-203434-331110
0.08	010054-125593-203434-331110
0.16	010054-1255C5-203434-331110
0.24	010054-1255F5-203434-331110
0.31	010054-125957-203434-331110

(2) 4TVD0024B100NB



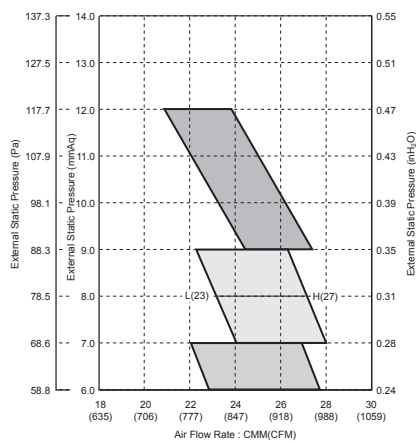
External Static Pressure (in H ₂ O)	Option code
0.00	010054-125904-204848-331110
0.08	010054-125936-204848-331110
0.16	010054-125979-204848-331110
0.24	010054-125DF9-204848-331110
0.31	010054-125DFC-204848-331110

(3) 4TVD0030B100NB



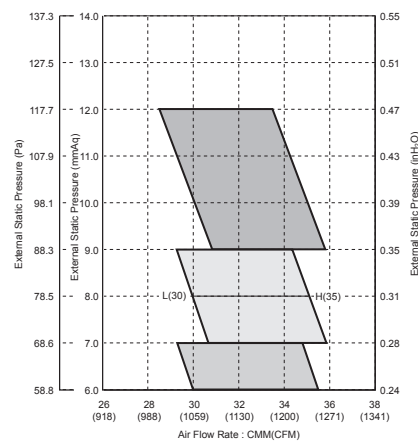
External Static Pressure (in H ₂ O)	Option code
0.24	010054-1259CE-205A5A-331110
0.31	010054-125E02-205A5A-331110
0.39	010054-125E46-205A5A-331110
0.47	

(4) 4TVD0036B100NB



External Static Pressure (in H ₂ O)	Option code
0.24	010054-125E00-206E6E-331110
0.31	010054-125E44-206E6E-331110
0.39	010054-125E88-206E6E-331110
0.47	

(5) 4TVD0048B100NB



External Static Pressure (in H ₂ O)	Option code
0.24	010054-125E20-209191-331110
0.31	010054-125E43-209191-331110
0.39	010054-125E86-209191-331110
0.47	

Note

- ◆ ESP = External Static Pressure
- ◆ The graphs display the available external static pressure range of installed indoor units. Therefore, they do not reflect the actual change of external static pressure and airflow rate according to adjusted airflow (High-Mid-Low) of installed indoor units.

6-1. Specifications

Technical specifications

Model Name				4TVA0036B100NB	4TVA0048B100NB	4TVA0076B100NB	4TVA0096B100NB
Power Supply				208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Performance	Capacity (Nominal) ¹	Cooling	Btu/h	36,000	48,000	76,800	96,000
		Heating	Btu/h	40,000	54,000	85,200	108,000
Power	Power Input (Nominal) ¹	Cooling	W	210.0	330.0	530.0	790.0
		Heating		210.0	330.0	530.0	790.0
	Current Input (Nominal) ¹	Cooling	A	1.47	1.47	3.80	5.90
		Heating		1.47	1.47	3.80	5.90
Fan	Motor	Type (Qty.)	-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
		Output (Each)	W	183 x 2	183 x 2	400 x 1	400 x 1
	Airflow Rate	H/M/L	CFM	989/880/777	1,377/1,183/989	2,048/1,835/1,660	2,543/2,295/2,047
	External Static Pressure	Min/Std/Max	in. WG	0.20/0.39/0.79	0.20/0.39/0.79	0.20/0.59/0.98	0.20/0.59/1.10
Piping Connections	Liquid Pipe		Ø inch	3/8	3/8	3/8	3/8
	Gas Pipe		Ø inch	5/8	5/8	3/4	7/8
	Drain Pipe		Ø inch	VP 25 (OD 1 1/4", ID 1")	VP 25 (OD 1 1/4", ID 1")	VP 25 (OD 1 1/4", ID 1")	VP 25 (OD 1 1/4", ID 1")
Refrigerant	Type		-	R-410A	R-410A	R-410A	R-410A
	Control Method		-	EEV (Included)	EEV (Included)	EEV (Included)	EEV (Included)
Sound ²	Sound Pressure	H/M/L	dB(A)	40.0/39.0/37.0	44.0/42.0/40.0	45.0/43.0/41.0	48.0/46.0/43.0
External Dimensions	Net Weight		lbs.	123.5	123.5	196.2	196.2
	Shipping Weight		lbs.	138.9	138.9	218.3	218.3
	Net Dimensions (WxHxD)		inches	47 1/4 x 14 3/16 x 25 5/8	47 1/4 x 14 3/16 x 25 5/8	48 13/16 x 18 1/2 x 40 15/16	48 13/16 x 18 1/2 x 40 15/16
	Shipping Dimensions (WxHxD)		inches	58 1/4 x 16 9/16 x 31 1/8	58 1/4 x 16 9/16 x 31 1/8	59 5/16 x 22 x 45 1/2	59 5/16 x 22 x 45 1/2
Additional Features	Drain Pump ³	Model Name	-	CONDPUMPXVDB01	CONDPUMPXVDB01	CONDPUMPXVHB01	CONDPUMPXVHB01
		Max. Lifting Height	inches	29.5	29.5	29.5	29.5
		Displacement	Gal./Hr.	6.25	6.25	6.25	6.25
	Air Filter		-	Washable Filter	Washable Filter	Washable Filter	Washable Filter

1. Nominal capacity based on 25 ft. of equivalent refrigerant piping with 0 ft. level difference.

- Cooling: Indoor temperature 80°F DB, 67°F WB/Outdoor temperature 95°F DB, 75°F WB

- Heating: Indoor temperature 70°F DB, 60°F WB/Outdoor temperature 47°F DB, 43°F WB

2. Sound pressure was acquired in a dead room. Actual noise level may be different depending on installation conditions.

3. Internally installed drain pump must be ordered separately

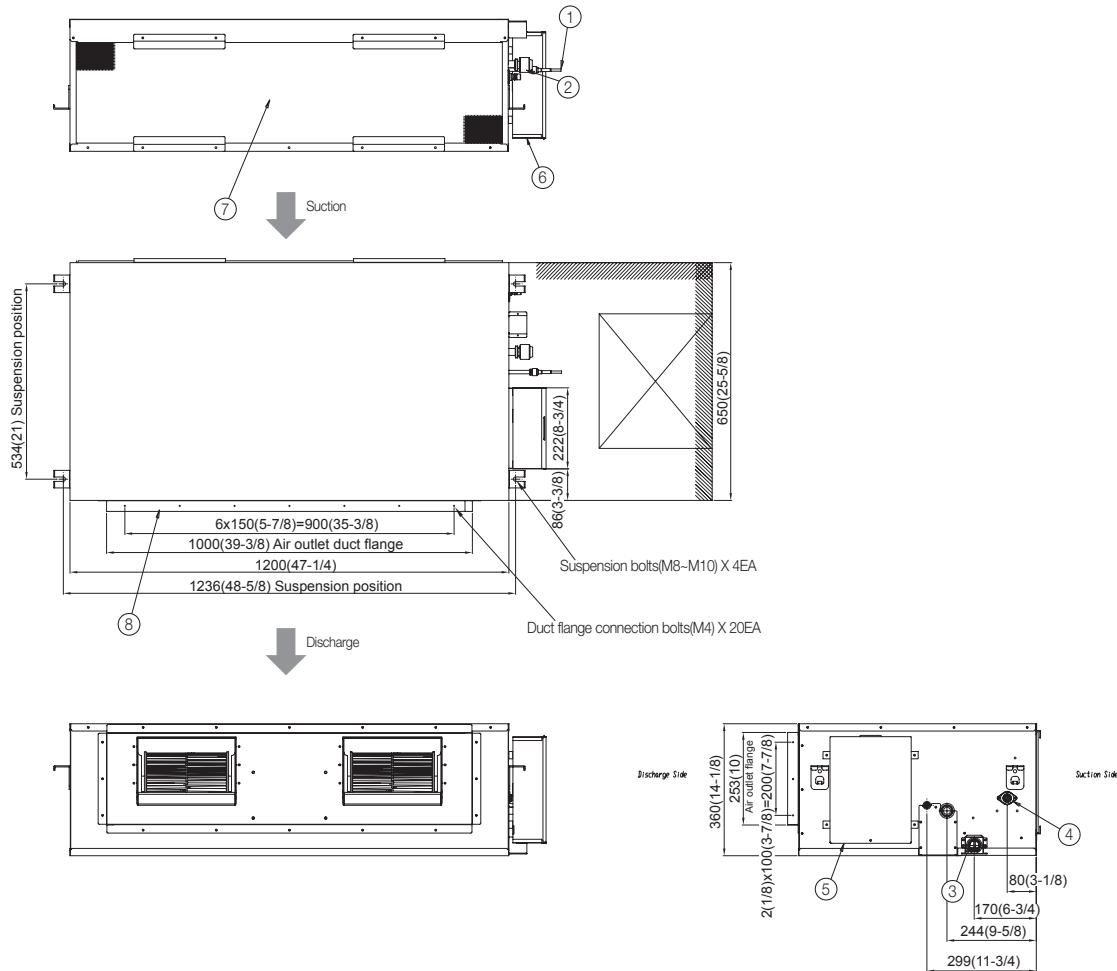
4. Trane has a policy of continuous product and product data improvement and reserves the right to change design and specifications without notice.

6 HSP (High static pressure) duct

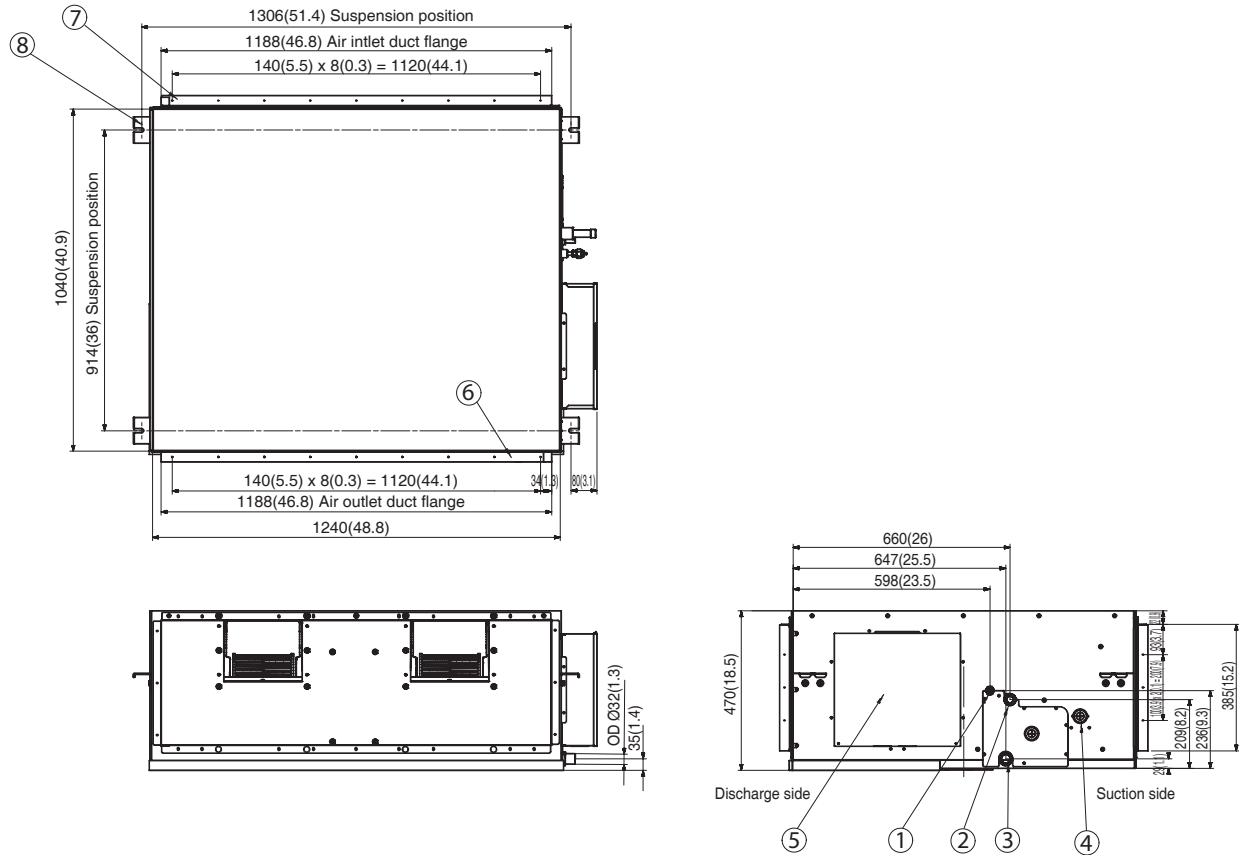
6-2. Dimensional drawing

4TVA0036B1-TVA0048B100NB

Unit : mm(inch)



No.	Name	Description
①	Liquid pipe connection	Ø9.52(3/8") Flare
②	Gas pipe connection	Ø15.88(5/8") Flare
③	Drain pipe connection without optional drain pump kits	VP25 (OD 32, ID 25) / VP25 (OD 1 1/4", ID 1")
④	Drain pipe connection with optional drain pump kits	VP25 (OD 32, ID 25) / VP25 (OD 1 1/4", ID 1")
⑤	Control unit	-
⑥	Conduit for power supply & communication wiring	-
⑦	Return air side	-
⑧	Air outlet duct flange	-

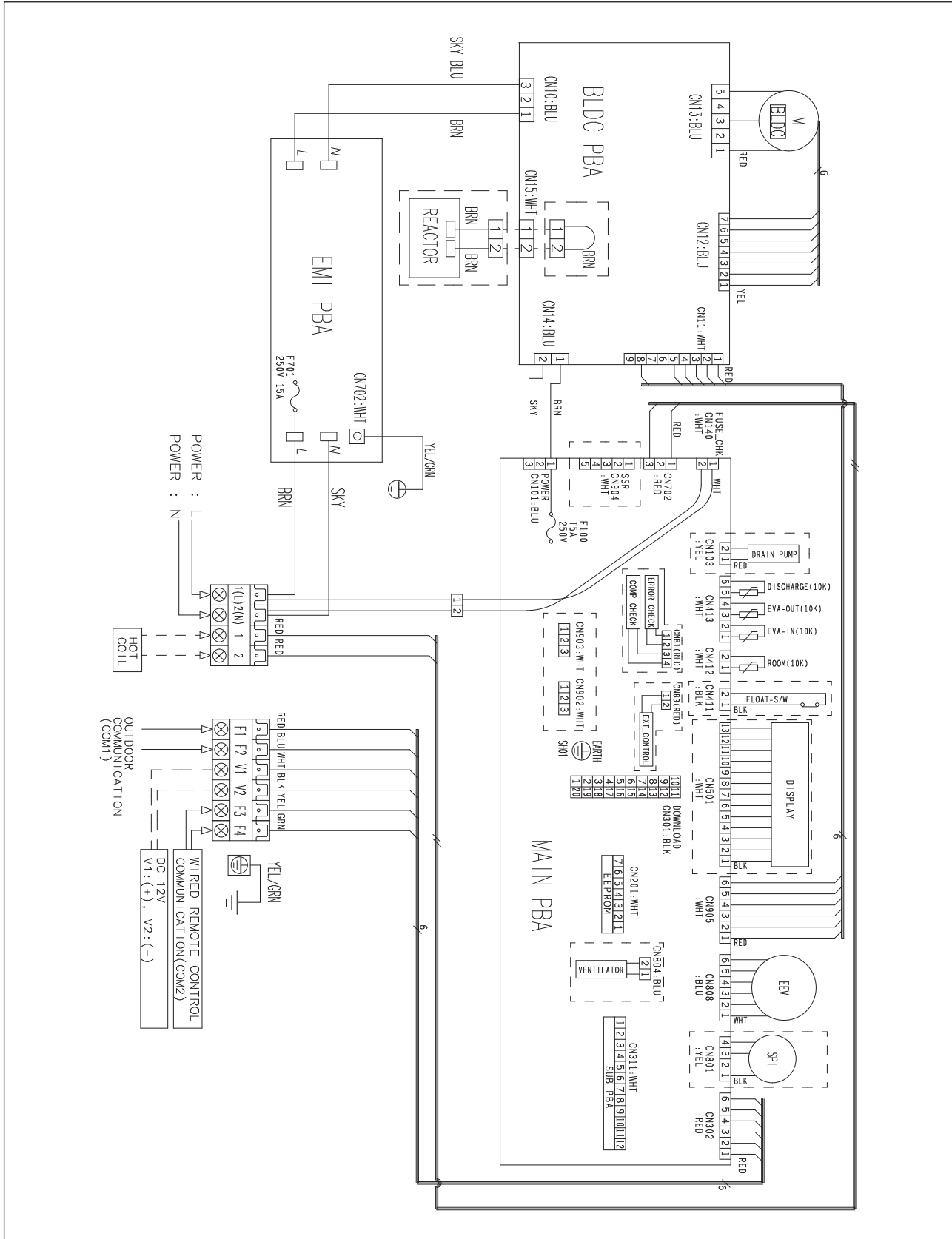


No.	Name	Description
①	Liquid pipe connection	Ø9.52 (3/8")
②	Gas pipe connection	76.0 MBH : Ø19.05 (3/4") 96.0 MBH : Ø22.22 (7/8")
③	Drain pipe connection without optional drain pump kits	VP25 (OD 32, ID 25)
④	Drain pipe connection with optional drain pump kits	VP25 (OD 32, ID 25)
⑤	Power supply/Communication connection	
⑥	Air discharge grille flange	
⑦	Suction flange	
⑧	Hook	3/8" or M10

6 HSP (High static pressure) duct

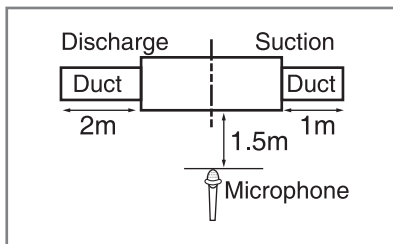
6-3. Electrical wiring diagram

4TVA0036-0096B100NB



6-4. Sound pressure level

Operation sound level



Unit : dB(A)

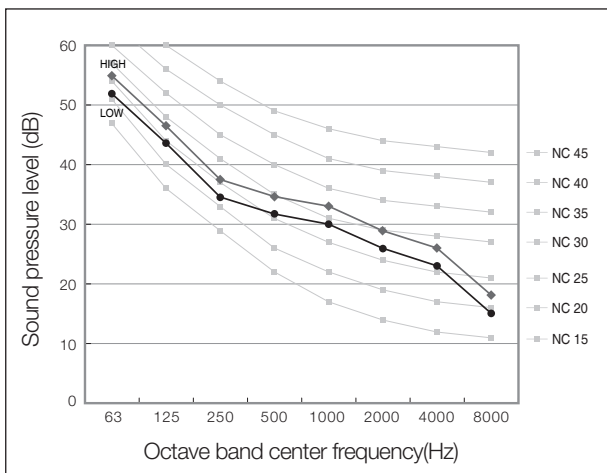
Model	High	Low
4TVA0036B100NB	40	37
4TVA0048B100NB	44	40
4TVA0076B100NB	45	41
4TVA0096B100NB	48	43

Note

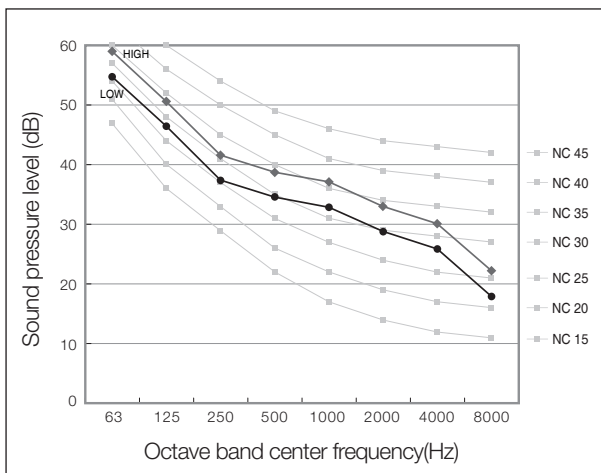
- ◆ These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- ◆ Operation sound level may differ depending on operation and ambient conditions.

NC curves

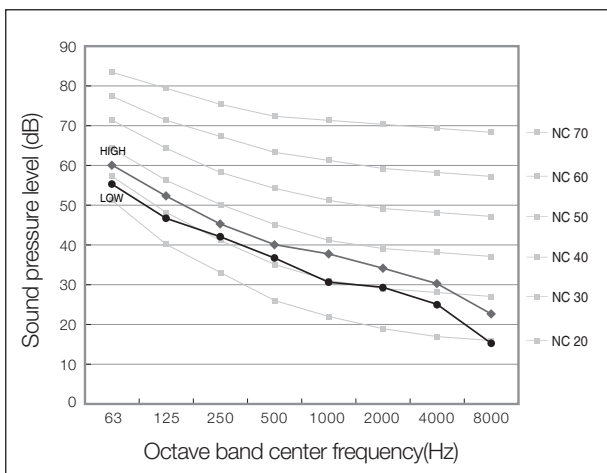
(1) 4TVA0036B100NB



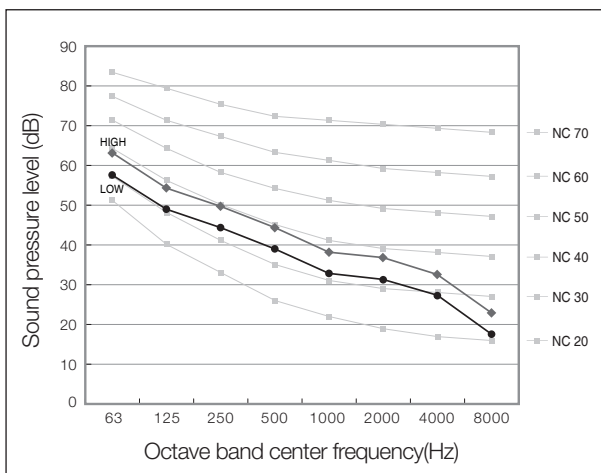
(2) 4TVA0048B100NB



(3) 4TVA0076B100NB



(4) 4TVA0096B100NB

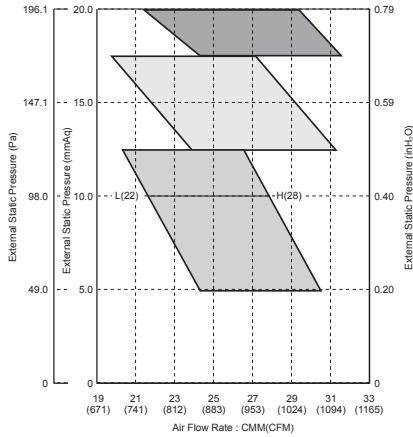


6 HSP (High static pressure) duct

6-5. Recommended operation range

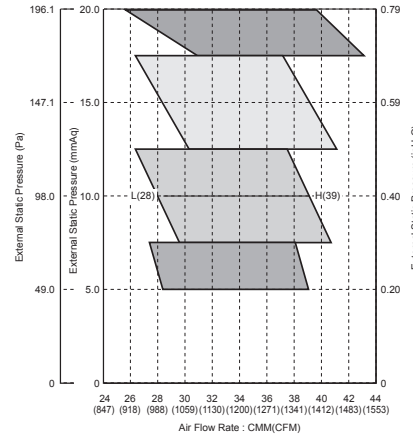
◆ Adjust option code according to the actual installation condition (external static pressure).

(1) 4TVA0036B100NB



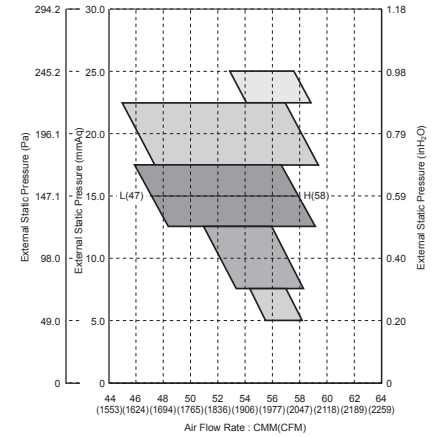
External Static Pressure (in H ₂ O)	Option code
0.20	010054-1355C6-206E6E-331110
0.40	010054-1355C6-206E6E-331110
0.59	010054-13596E-206E6E-331110
0.79	010054-135AE4-206E6E-331110

(2) 4TVA0048B100NB



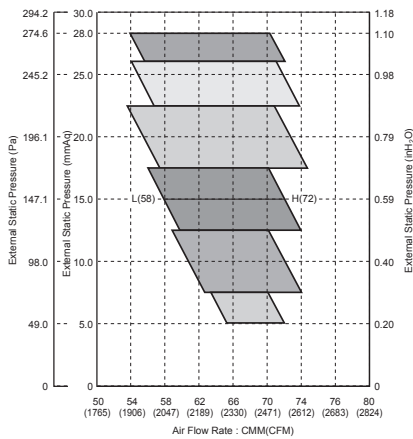
External Static Pressure (in H ₂ O)	Option code
0.20	010054-135926-209191-331110
0.40	010054-135999-209191-331110
0.59	010054-135E23-209191-331110
0.79	010054-135E9A-209191-331110

(3) 4TVA0076B100NB



External Static Pressure (in H ₂ O)	Option code
0.20	011054-195097-20DCDC-331110
0.40	011054-1950C7-20DCDC-331110
0.59	011054-1950E8-20DCDC-331110
0.79	011054-19544D-20DCDC-331110
0.98	011054-19549F-20DCDC-331110

(4) 4TVA0096B100NB



External Static Pressure (in H ₂ O)	Option code
0.20	011054-195407-231C1C-331110
0.40	011054-195429-231C1C-331110
0.59	011054-19545B-231C1C-331110
0.79	011054-19549E-231C1C-331110
0.98	011054-1955D1-231C1C-331110
1.10	011054-1955F3-231C1C-331110

Note

- ◆ ESP = External Static Pressure
- ◆ The graphs display the available external static pressure range of installed indoor units. Therefore, they do not reflect the actual change of external static pressure and airflow rate according to adjusted airflow (High-Mid-Low) of installed indoor units.

7-1. Specifications

Technical specifications

Model Name				4TVX0018B100NB	4TVX0024B100NB
Power Supply				208-230/60/1	208-230/60/1
Performance	Capacity (Nominal) ¹	Cooling	Btu/h	18,000	24,000
		Heating	Btu/h	20,000	27,000
Power	Power Input (Nominal) ¹	Cooling	W	72.0	80.0
		Heating		72.0	80.0
	Current Input (Nominal) ¹	Cooling	A	0.42	0.48
		Heating		0.42	0.48
Fan	Motor	Type (Qty.)	-	Sirocco Fan	Sirocco Fan
		Output (Each)	W	25 x 1	35 x 1
	Airflow Rate	H/M/L	Cfm	495/460/420	635/580/530
	External Static Pressure	Min/Std/Max	In. Wg	-	-
Piping Connections	Liquid Pipe		Ø inch	1/4	3/8
	Gas Pipe		Ø inch	1/2	5/8
	Drain Pipe		Ø in (mm)	ID 11/16" hose	ID 11/16" hose
Refrigerant	Type		-	R-410A	R-410A
	Control Method ³		-	EEV (not included)	EEV (not included)
Sound ²	Sound Pressure	H/M/L	Db(A)	40.0/37.0/34.0	44.0/42.0/40.0
External Dimensions	Net Weight		lbs.	46.3	46.3
	Shipping Weight		lbs.	56.2	56.2
	Net Dimensions (WxHxD)		inches	39 3/8 x 25 1/2 x 7 7/8	39 3/8 x 25 1/2 x 7 7/8
	Shipping Dimensions (WxHxD)		inches	42 1/2 x 28 3/4 x 11 13/16	42 1/2 x 28 3/4 x 11 13/16
Additional Features	Air Filter		-	Washable Filter	Washable Filter

1. Nominal capacity based on 25 ft. of equivalent refrigerant piping with 0 ft. level difference.

- Cooling: Indoor temperature 80°F DB, 67°F WB/Outdoor temperature 95°F DB, 75°F WB

- Heating: Indoor temperature 70°F DB, 60°F WB/Outdoor temperature 47°F DB, 43°F WB

2. Sound pressure was acquired in a dead room. Actual noise level may be different depending on installation conditions.

3. EEV kit to be ordered separately, see application guide on page 74.

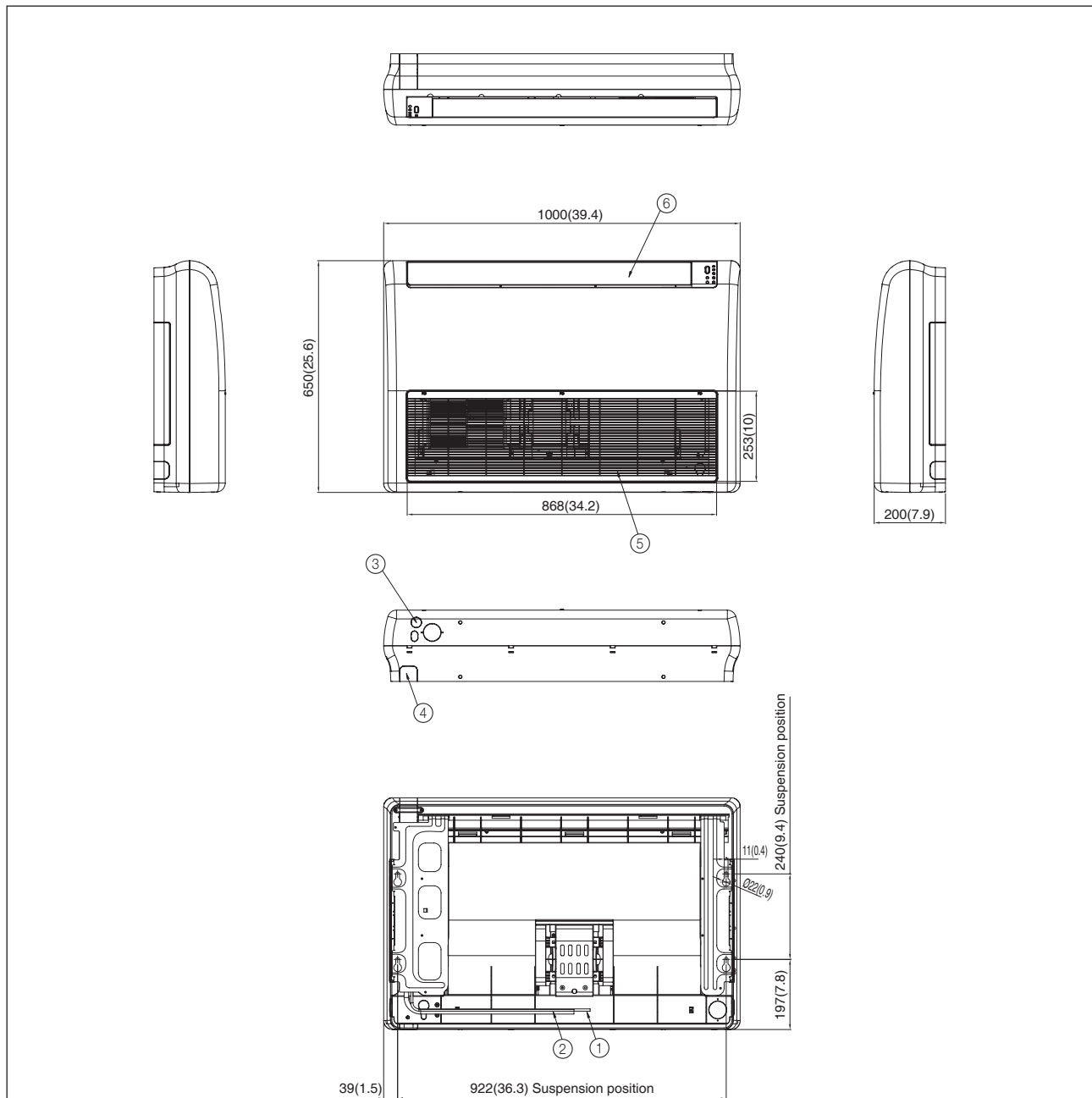
4. Condensate pump, if necessary, to be field supplied

5. Trane has a policy of continuous product and product data improvement and reserves the right to change design and specifications without notice.

7 Ceiling Suspended (Floor)

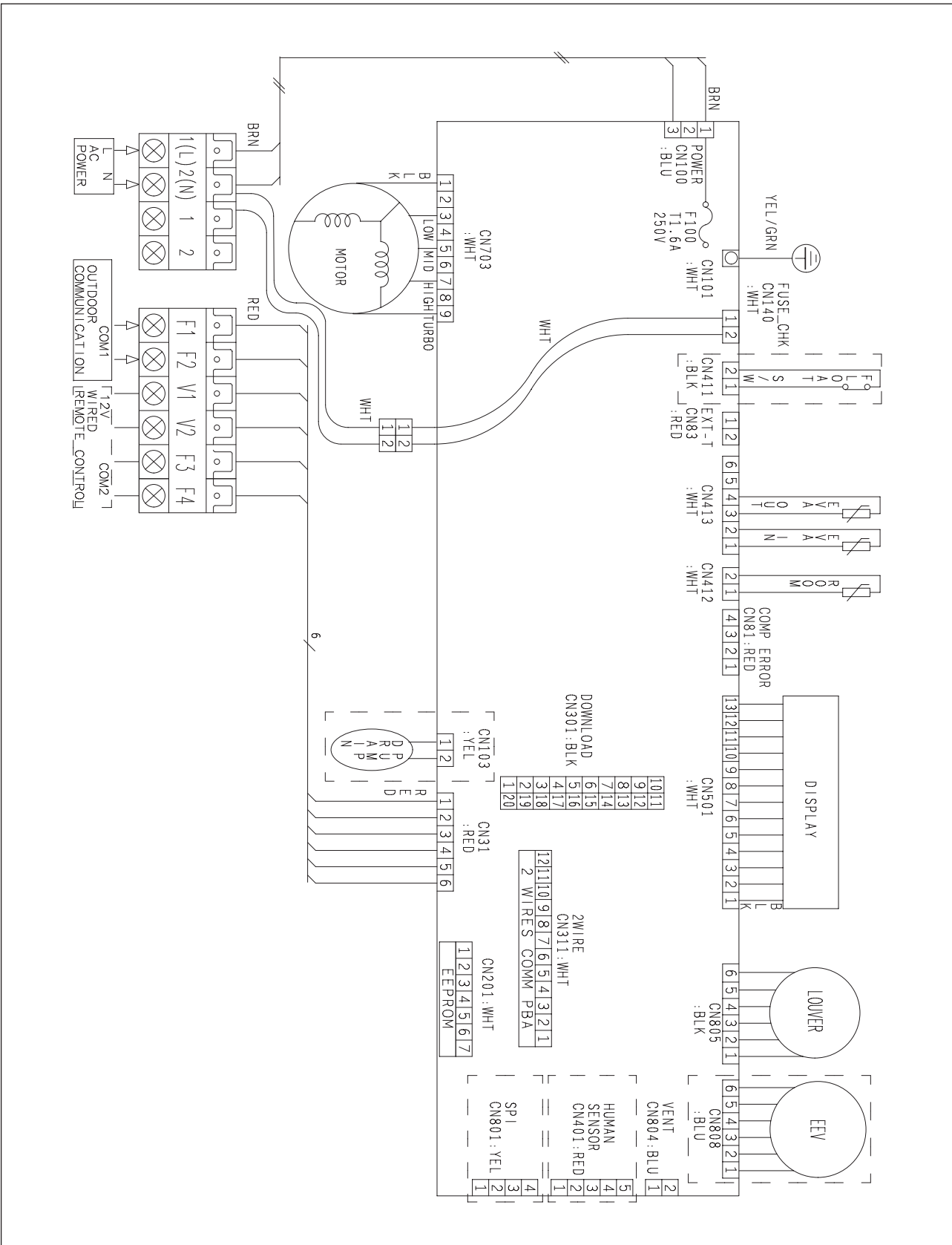
7-2. Dimensional drawing

Unit: mm(inch)



No.	Name	Description	
		18.0 MBH	24.0 MBH
①	Liquid pipe connection	Ø6.35(1/4") Flare	Ø9.52(3/8") Flare
②	Gas pipe connection	Ø12.70(1/2") Flare	Ø15.88(5/8") Flare
③	Drain pipe connection	ID18 Hose/ID1 1/16" Hose	
④	Conduit for power supply & communication wiring	-	
⑤	Air inlet grille	-	
⑥	Air outlet louver	-	

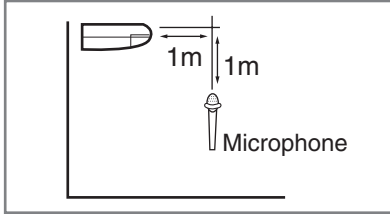
7-3. Electrical wiring diagram



7 Ceiling Suspended (Floor)

7-4. Sound pressure level

Operation sound level



Unit : dB(A)

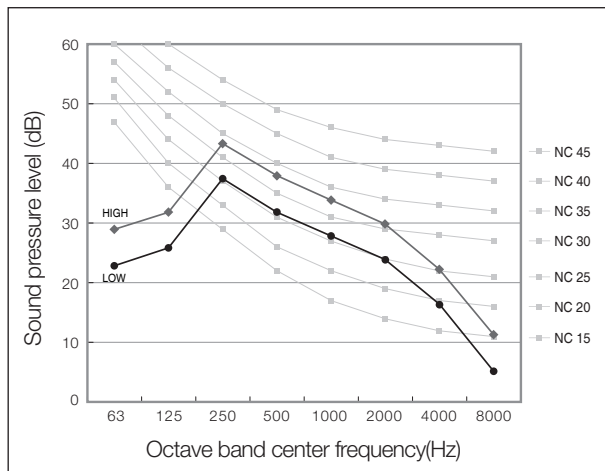
Model	High	Low
4TVX0018B100NB	40	34
4TVX0024B100NB	44	40

Note

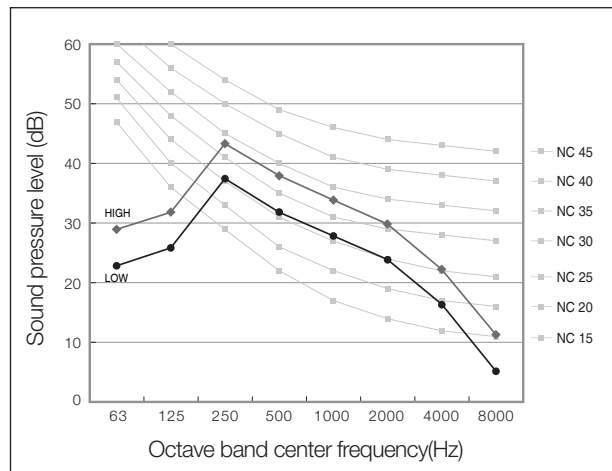
- ◆ These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- ◆ Operation sound level may differ depending on operation and ambient conditions.

2) NC curves

(1) 4TVX0018B100NB



(2) 4TVX0024B100NB

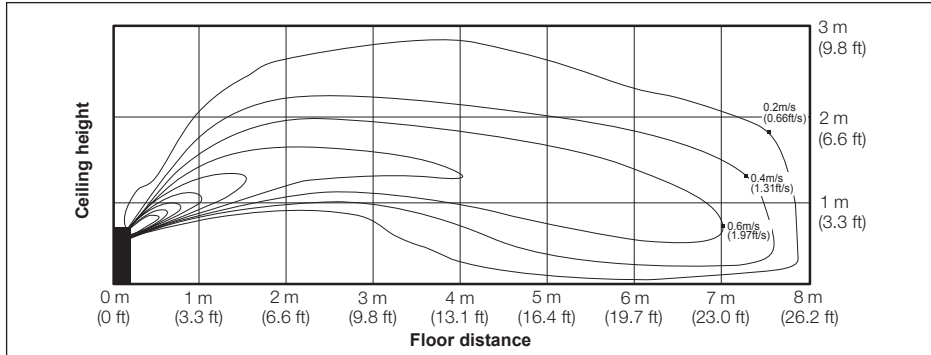


7-5. Temperature and air flow distribution

4TVX0018-0024B100NB (Floor installation)

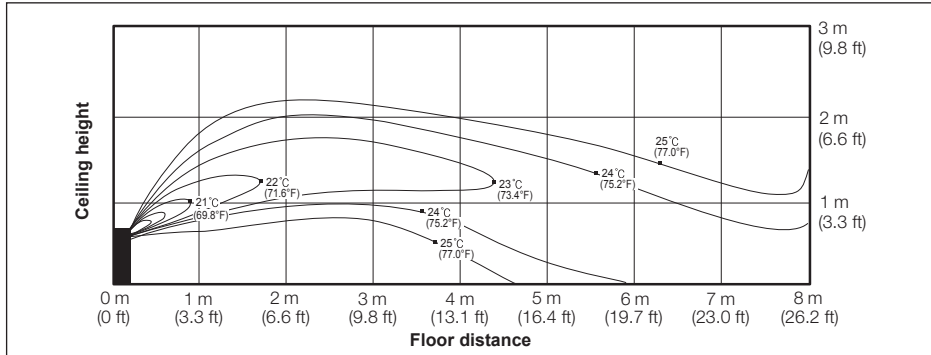
(1) Cooling air velocity distribution

◆ Discharge angle : 36°



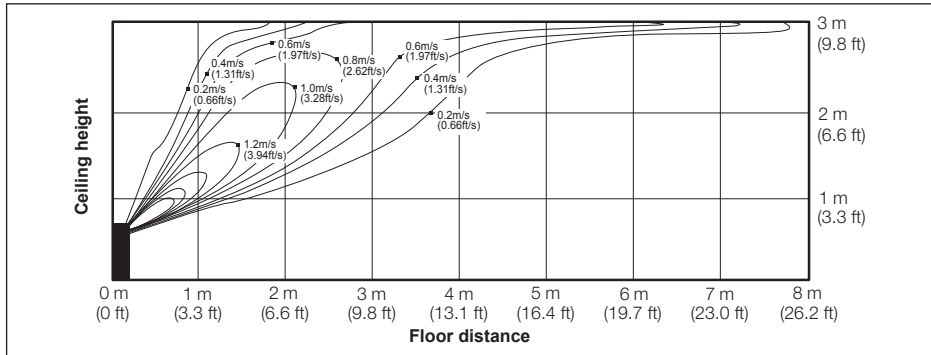
(2) Cooling temperature distribution

◆ Discharge angle : 36°



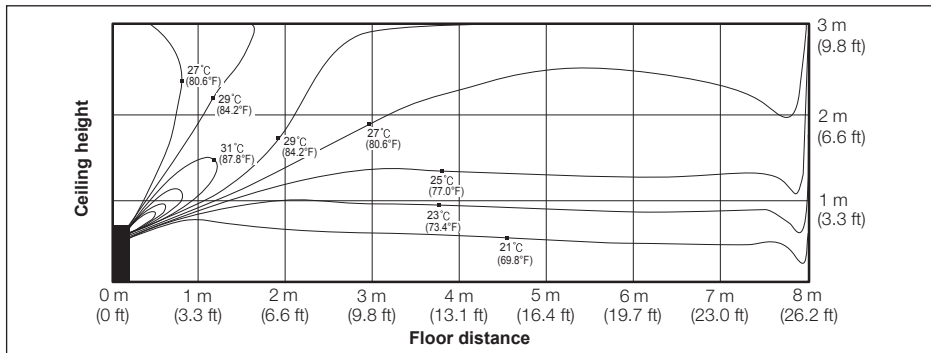
(3) Heating air velocity distribution

◆ Discharge angle : 54°



(4) Heating temperature distribution

◆ Discharge angle : 54°

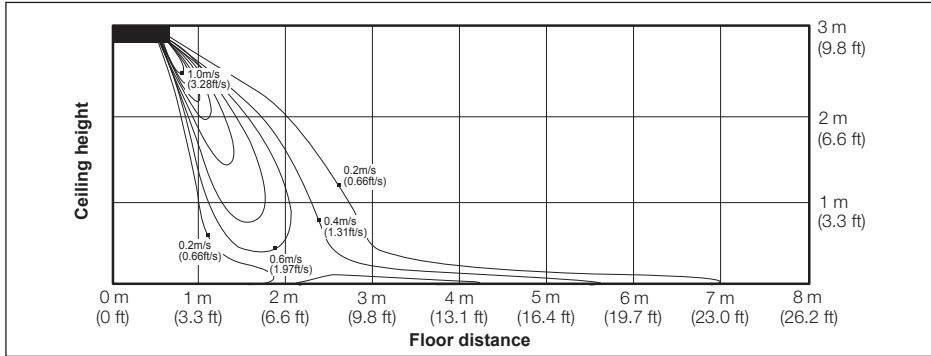


Ceiling Suspended (Floor)

4TVX0018-0024B100NB (Ceiling installation)

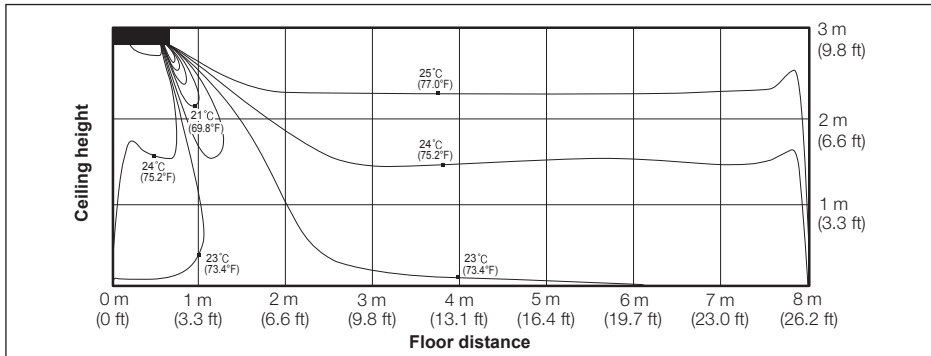
(1) Cooling air velocity distribution

◆ Discharge angle : 36°



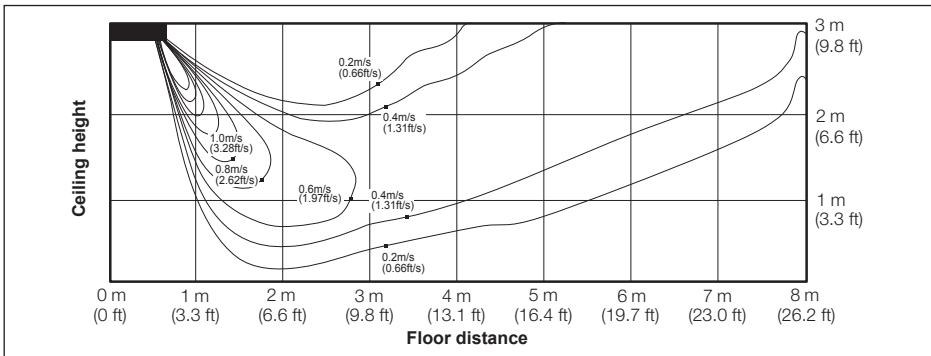
(2) Cooling temperature distribution

◆ Discharge angle : 36°



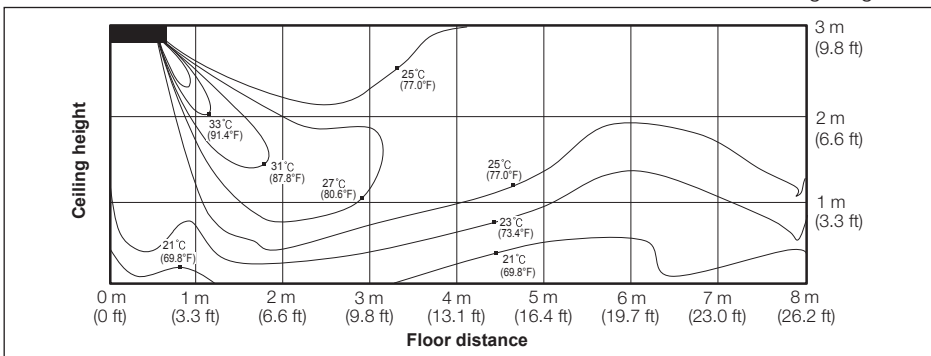
(3) Heating air velocity distribution

◆ Discharge angle : 54°



(4) Heating temperature distribution

◆ Discharge angle : 54°



8 High Wall

8-1. Specifications

Technical specifications

Model Name				4TVW0007B100NB	4TVW0009B100NB	4TVW0012B100NB
Power Supply				208-230/60/1	208-230/60/1	208-230/60/1
Performance	Capacity (Nominal) ¹	Cooling	Btu/h	7,500	9,500	12,000
		Heating	Btu/h	8,500	10,500	13,500
Power	Power Input (Nominal) ¹	Cooling	W	37.0	37.0	45.0
		Heating		37.0	37.0	45.0
	Current Input (Nominal) ¹	Cooling	A	0.25	0.25	0.30
		Heating		0.25	0.25	0.30
Fan	Motor	Type (Qty.)	-	Crossflow Fan	Crossflow Fan	Crossflow Fan
		Output (Each)	W	23 x 1	23 x 1	23 x 1
	Airflow Rate	H/M/L	Cfm	275/240/200	290/255/215	325/295/255
	External Static Pressure	Min/Std/Max	In. Wg	-	-	-
Piping Connections	Liquid Pipe		Ø inch	1/4	1/4	1/4
	Gas Pipe		Ø inch	1/2	1/2	1/2
	Drain Pipe		Ø in (mm)	ID 11/16" hose	ID 11/16" hose	ID 11/16" hose
Refrigerant R-410A	Type		-	R-410A	R-410A	R-410A
	Control Method ³		-	EEV (not included)	EEV (not included)	EEV (not included)
Sound ²	Sound Pressure	H/M/L	Db(A)	31.0/29.0/27.0	31.0/29.0/27.0	37.0/33.0/29.0
External Dimensions	Net Weight		lbs.	18.75	18.75	18.75
	Shipping Weight		lbs.	24.25	24.25	24.25
	Net Dimensions (WxHxD)		inches	32 1/2 x 11.25 x 7 1/2	32 1/2 x 11.25 x 7 1/2	32 1/2 x 11.25 x 7 1/2
	Shipping Dimensions (WxHxD)		inches	35 1/2 x 13 7/8 x 10 3/8	35 1/2 x 13 7/8 x 10 3/8	35 1/2 x 13 7/8 x 10 3/8
Additional Features	Air Filter		-	Washable Filter	Washable Filter	Washable Filter

1. Nominal capacity based on 25 ft. of equivalent refrigerant piping with 0 ft. level difference.

- Cooling: Indoor temperature 80°F DB, 67°F WB/Outdoor temperature 95°F DB, 75°F WB

- Heating: Indoor temperature 70°F DB, 60°F WB/Outdoor temperature 47°F DB, 43°F WB

2. Sound pressure was acquired in a dead room. Actual noise level may be different depending on installation conditions.

3. EEV kit to be ordered separately, see application guide on page 74.

4. Condensate pump, if necessary, to be field supplied

5. Trane has a policy of continuous product and product data improvement and reserves the right to change design and specifications without notice.

Technical specifications

Model Name				4TVW0018B100NB	4TVW0020B100NB	4TVW0024B100NB
Power Supply				208-230/60/1	208-230/60/1	208-230/60/1
Performance	Capacity (Nominal) ¹	Cooling	Btu/h	18,000	20,000	23,200
		Heating	Btu/h	20,000	23,000	23,800
Power	Power Input (Nominal) ¹	Cooling	W	55.0	57.0	60.0
		Heating		55.0	57.0	60.0
	Current Input (Nominal) ¹	Cooling	A	0.36	0.38	0.40
		Heating		0.36	0.38	0.40
Fan	Motor	Type (Qty.)	-	Crossflow Fan	Crossflow Fan	Crossflow Fan
		Output (Each)	W	40 x 1	40 x 1	40 x 1
	Airflow Rate	H/M/L	Cfm	425/370/315	495/440/385	495/440/385
	External Static Pressure	Min/Std/Max	In. Wg	-	-	-
Piping Connections	Liquid Pipe		Ø inch	1/4	1/4	3/8
	Gas Pipe		Ø inch	1/2	1/2	5/8
	Drain Pipe		Ø in (mm)	ID 11/16" hose	ID 11/16" hose	ID 11/16" hose
Refrigerant	Type		-	R-410A	R-410A	R-410A
	Control Method ³		-	EEV (not included)	EEV (not included)	EEV (not included)
Sound ²	Sound Pressure	H/M/L	Db(A)	44.0/41.0/38.0	44.0/41.0/38.0	45.0/42.0/38.0
External Dimensions	Net Weight		lbs.	27.55	27.55	27.55
	Shipping Weight		lbs.	34.2	34.2	34.2
	Net Dimensions (WxHxD)		inches	41 7/8 x 11 3/4 x 8 5/8	41 7/8 x 11 3/4 x 8 5/8	41 7/8 x 11 3/4 x 8 5/8
	Shipping Dimensions (WxHxD)		inches	44 3/4 x 14 7/8 x 11 7/8	44 3/4 x 14 7/8 x 11 7/8	44 3/4 x 14 7/8 x 11 7/8
Additional Features	Air Filter		-	Washable Filter	Washable Filter	Washable Filter

1. Nominal capacity based on 25 ft. of equivalent refrigerant piping with 0 ft. level difference.

- Cooling: Indoor temperature 80°F DB, 67°F WB/Outdoor temperature 95°F DB, 75°F WB

- Heating: Indoor temperature 70°F DB, 60°F WB/Outdoor temperature 47°F DB, 43°F WB

2. Sound pressure was acquired in a dead room. Actual noise level may be different depending on installation conditions.

3. EEV kit to be ordered separately, see application guide on page 74.

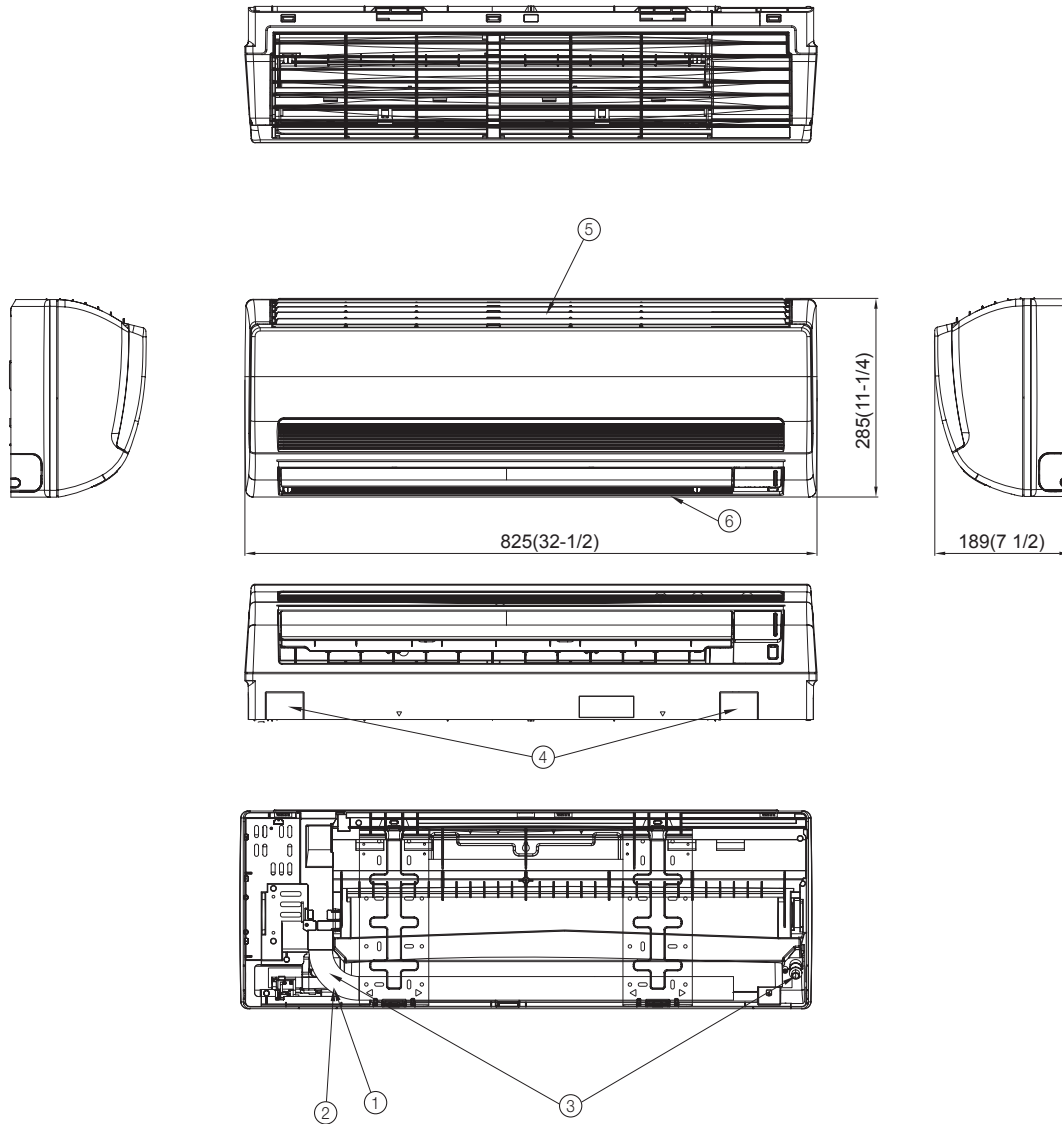
4. Condensate pump, if necessary, to be field supplied

5. Trane has a policy of continuous product and product data improvement and reserves the right to change design and specifications without notice.

8-2. Dimensional drawing

4TVW0007-0012B100NB

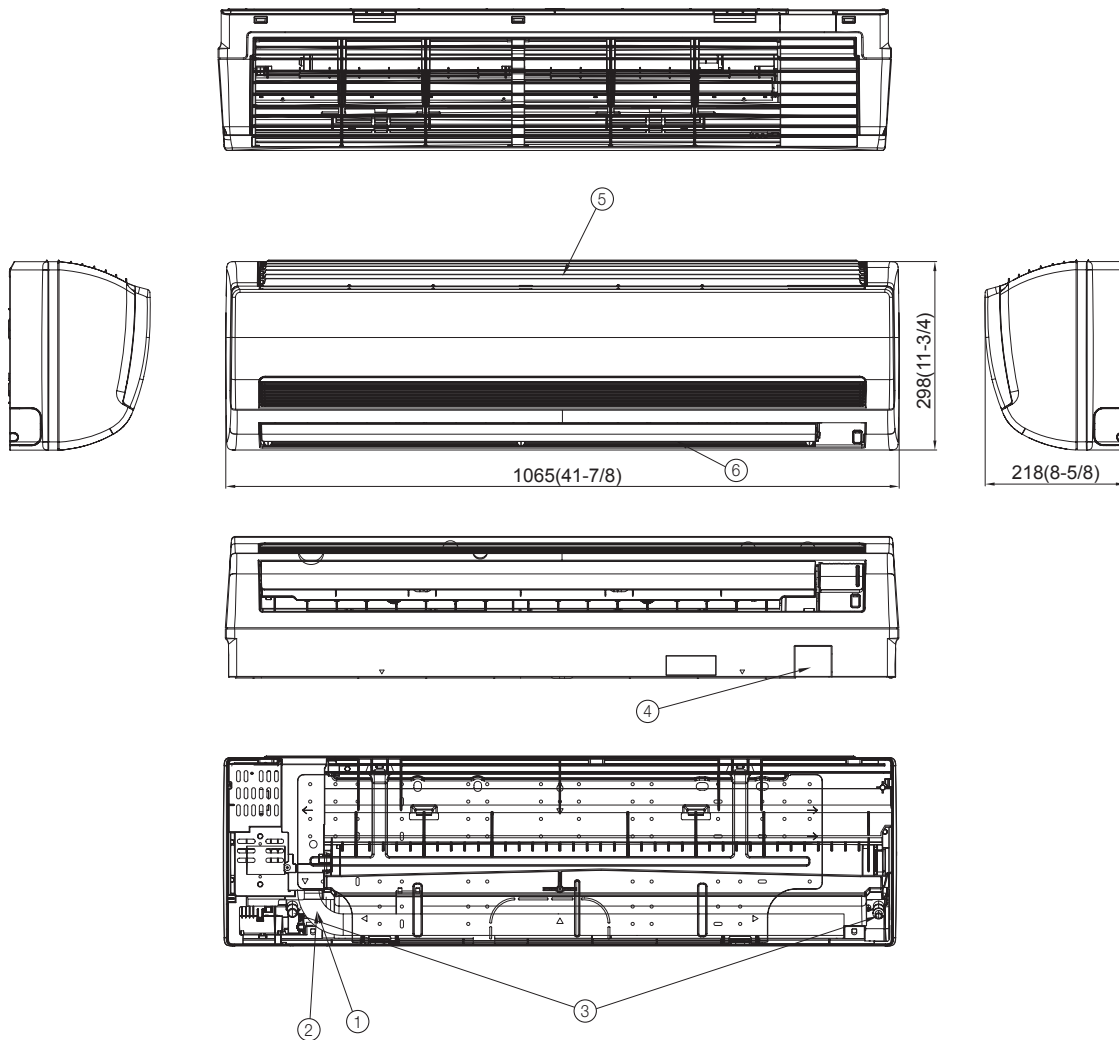
Unit:mm(inch)



No.	Name	Description		
		7.5 MBH	9.5 MBH	12.0 MBH
①	Liquid pipe connection	Ø6.35 (1/4") Flare		
②	Gas pipe connection	Ø12.70 (1/2") Flare		
③	Drain pipe connection	ID 18 hose / ID 11/16" hose		
④	Conduit for power supply & communication wiring	-		
⑤	Air inlet grille	-		
⑥	Air outlet louver	-		

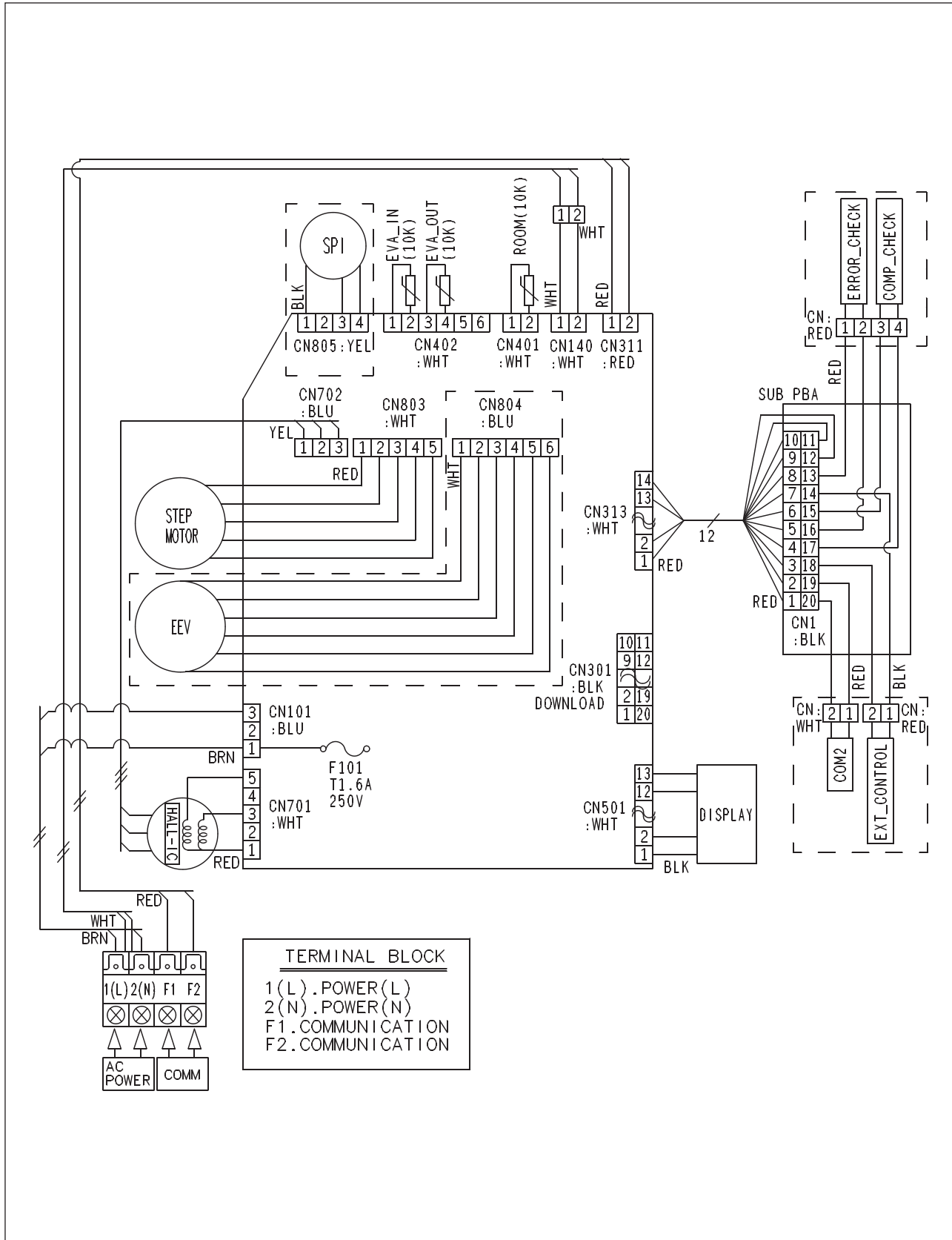
4TVW0018-0024B100NB

Unit : mm(inch)



No.	Name	Description		
		18.0 MBH	20.0 MBH	23.2 MBH
①	Liquid pipe connection	Ø6.35 (1/4") Flare	Ø9.52 (3/8") Flare	Ø9.52 (3/8") Flare
②	Gas pipe connection	Ø12.70 (1/2") Flare	Ø15.88 (5/8") Flare	Ø15.88 (5/8") Flare
③	Drain pipe connection	ID 18 hose / ID 11/16" hose		
④	Conduit for power supply & communication wiring	-		
⑤	Air inlet grille	-		
⑥	Air outlet louver	-		

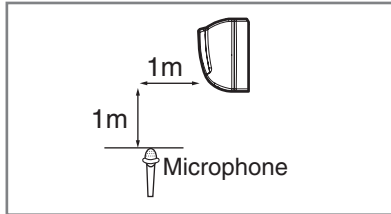
8-3. Electrical wiring diagram



Indoor units

8-4. Sound pressure level

Operation sound level



Model	High	Low
4TVW0007B100NB	31	27
4TVW0009B100NB	31	27
4TVW0012B100NB	37	29

Unit : dB(A)

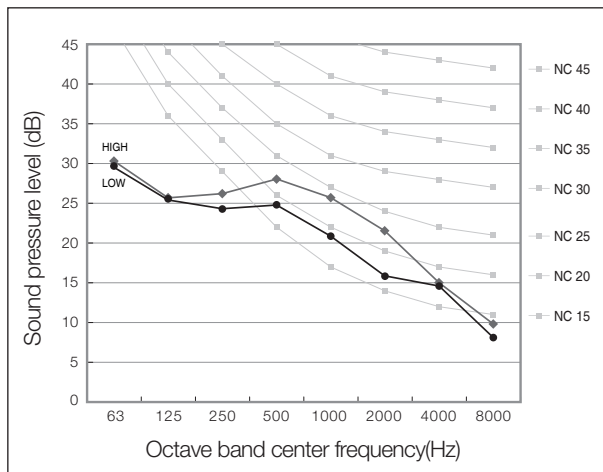
Model	High	Low
4TVW0018B100NB	44	38
4TVW0020B100NB	44	38
4TVW0024B100NB	45	38

Note

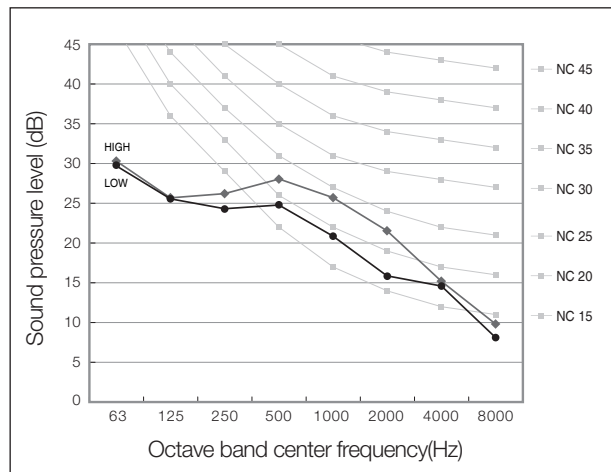
- ◆ These operation values were obtained in an anechoic room. Sound pressure level will vary depending on a range of factors such as the construction of the particular room where the equipment is installed.
- ◆ Operation sound level may differ depending on operation and ambient conditions.

NC curves

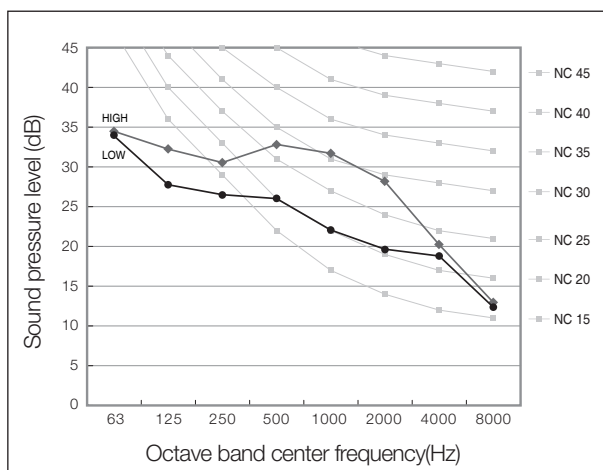
(1) 4TVW0007B100NB



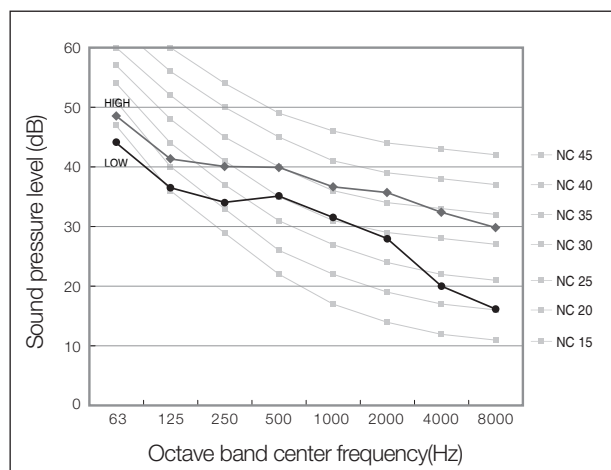
(2) 4TVW0009B100NB



(3) 4TVW0012B100NB

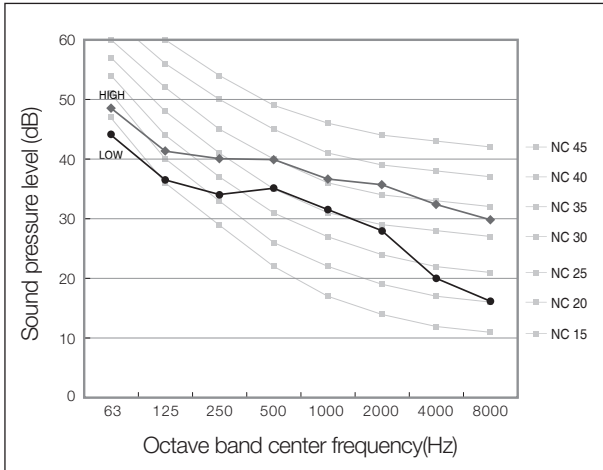


(4) 4TVW0018B100NB

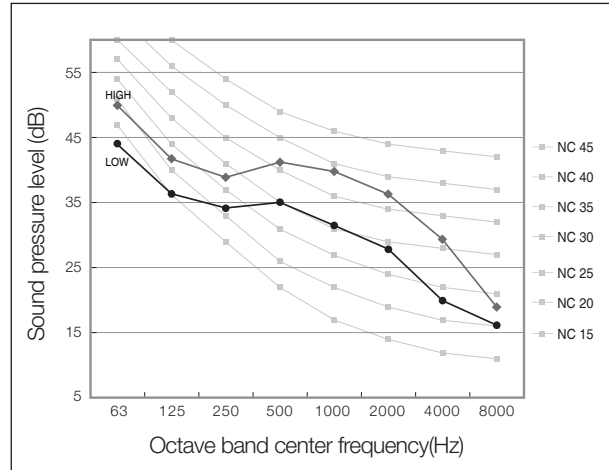


NC curves

(5) 4TVW0020B100NB



(6) 4TVW0024B100NB



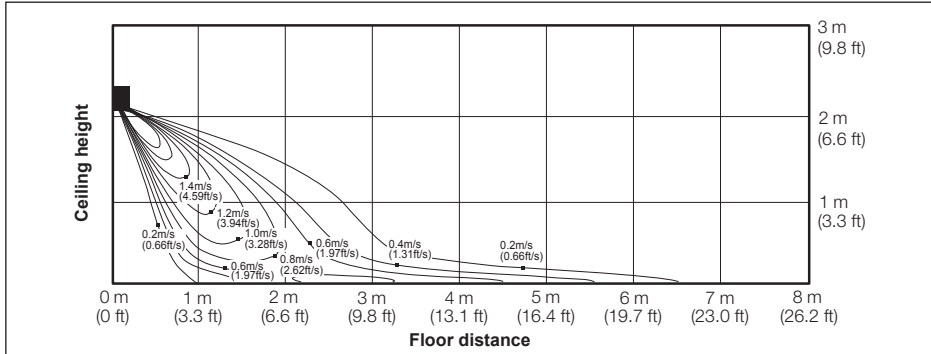
Indoor units

8-5. Temperature and air flow distribution

4TVW0007-0012B100NB

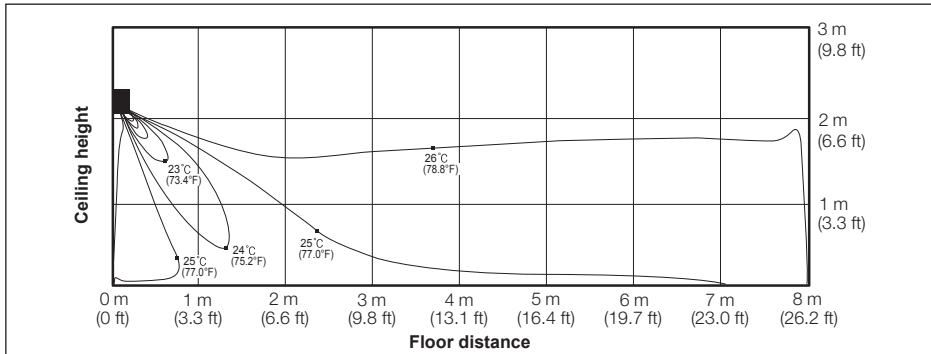
(1) Cooling air velocity distribution

◆ Discharge angle : 60°



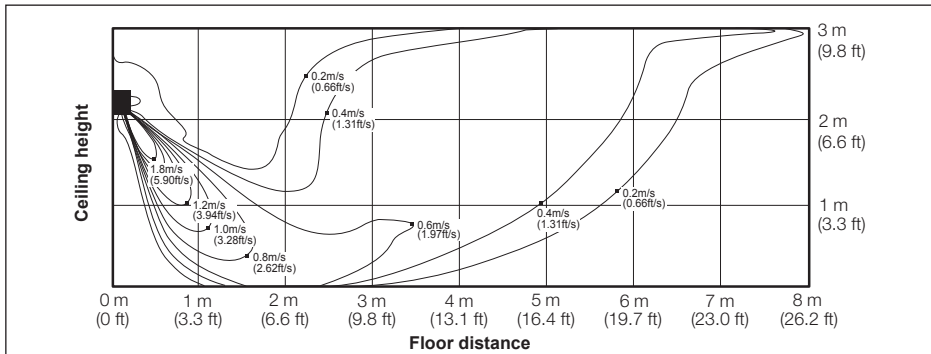
(2) Cooling temperature distribution

◆ Discharge angle : 60°



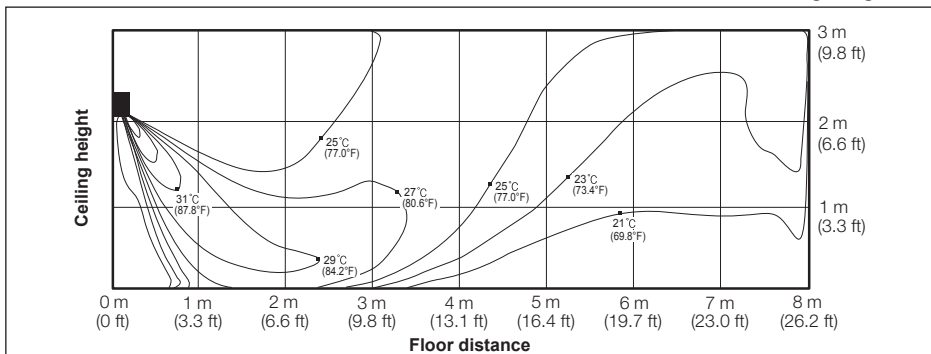
(3) Heating air velocity distribution

◆ Discharge angle : 60°



(4) Heating temperature distribution

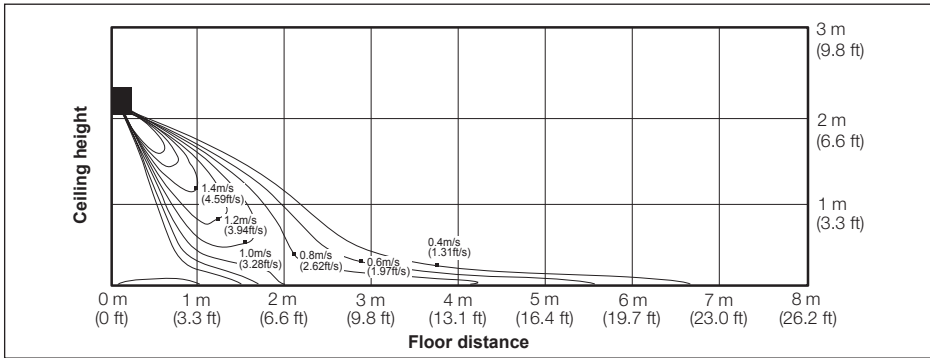
◆ Discharge angle : 60°



4TWW0018-0024B100NB

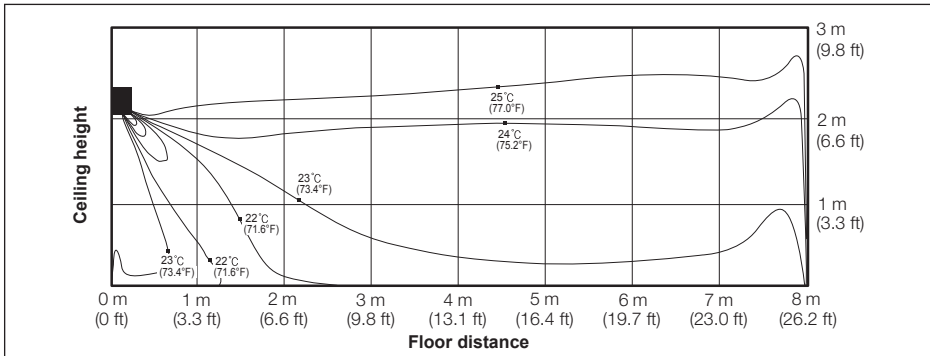
(1) Cooling air velocity distribution

◆ Discharge angle : 60°



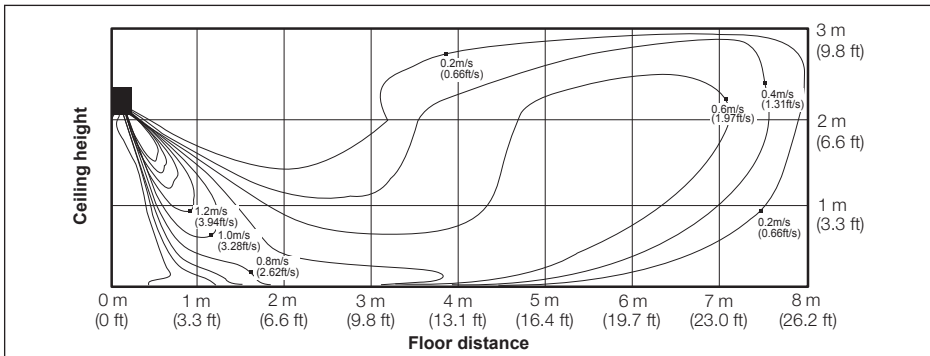
(2) Cooling temperature distribution

◆ Discharge angle : 60°



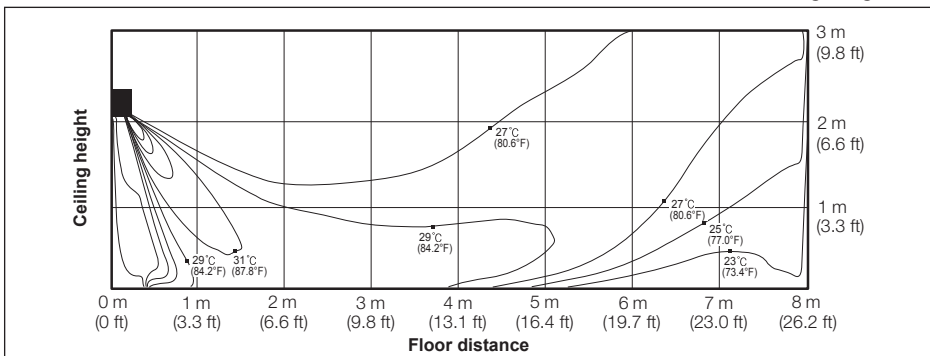
(3) Heating air velocity distribution

◆ Discharge angle : 60°



(4) Heating temperature distribution

◆ Discharge angle : 60°



EEV Kit Application Table

Indoor unit type and combinations

	EEV KIT	4TVW0007B100NB 4TVW0009B100NB 4TVW0012B100NB		4TVW0018B100NB 4TVW0020B100NB 4TVW0024B100NB 4TVX0018B100NB 4TVX0024B100NB
Single room application	4EEVEVA24SA000	Any 1		N/A
	4EEVEVA32SA000	N/A		Any 1
Double room application	4EEVXDA24K132A	Any 1	Plus	Any 1
	4EEVXDA24K200A	Any 2		N/A
	4EEVXDA32K200A	N/A		Any 2
Triple room application	4EEVXDA24K232A	Any 2	Plus	Any 1
	4EEVXDA24K300A	Any 3		N/A
	4EEVXDA32K224A	Any 1	Plus	Any 2
	4EEVXDA32K300A	N/A		Any 3

Note: Cassette and concealed (fan coil) type indoor units come with a factory installed and cannot be installed with the above EEV kits.



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