

4DHP SINGLE-ZONE PRODUCT SPECIFICATIONS

UP TO 24.5 SEER
SINGLE ZONE DUCTLESS HEAT PUMP

FORM NO. 4DHPSINGLE-100 (03/2017)

OUTDOOR UNITS



3 TON & UNDER



4 TON

4DHP SINGLE ZONE

- 9K / 12K / 18K / 24K / 30K / 36K / 48K
- Mid Efficiency (15.5 - 24.5 SEER)
- Matches with all indoor units
- Variable Capacity Rotary Compressor
- DC Inverter Control
- Electronic Expansion Valve (EEV)
- Operates down to -13 F

INDOOR UNITS



DWM WALL MOUNTED

- 9KL / 12KL / 9K / 12K / 18K / 24K / 30K
- Pre-Heat Function
- LED Readout



CEILING CASSETTE

- 9K / 12K / 18K / 24K / 36K / 48K
- Pre-Heat Function
- Built-In Condensate Pump
- Grille Sold Separately
- CAT# 1.861054
- CAT# 1.861055



DUCTED UNIT

- 9K / 12K / 18K / 24K / 36K / 48K
- Medium Static Slim Ducts
- Built-In Condensate Pump



FEATURES AND BENEFITS

OUTDOOR UNITS

- Equipment Warranty: 5 year parts, 7 year compressor
 - SEER up to 24.5
 - HSPF up to 10.5
 - 0.75 through 4 ton
 - Single phase power supply (115V and 208/230V)
 - R410A Refrigerant
 - Outdoor Coil: Aluminum fins fitted to copper tubes
 - Wire grille guard provided
 - Variable Frequency Rotary Compressor
 - Compressor Crankcase Heater
 - DC Inverter Control
 - Inverter module protection
 - electronic expansion valve
 - Compressor overcurrent protection
 - Condenser high temperature protection
 - Compressor discharge temperature protection
 - Voltage protection
 - Terminal Strip
 - Defrost control
 - 4-way interchange reversing valve
- Three Speed Fan
 - Air Filter

INDOOR UNITS - WALL-MOUNTED

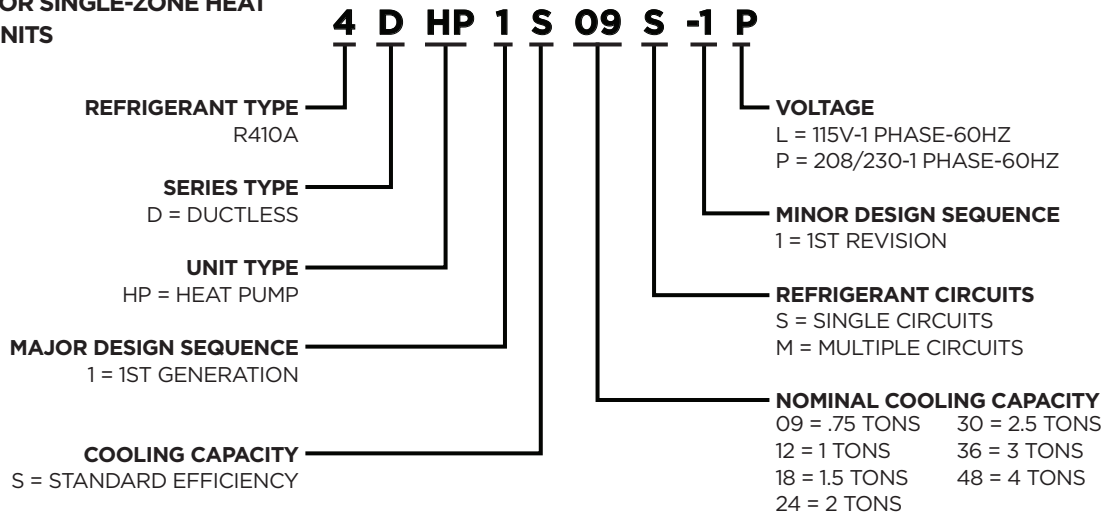
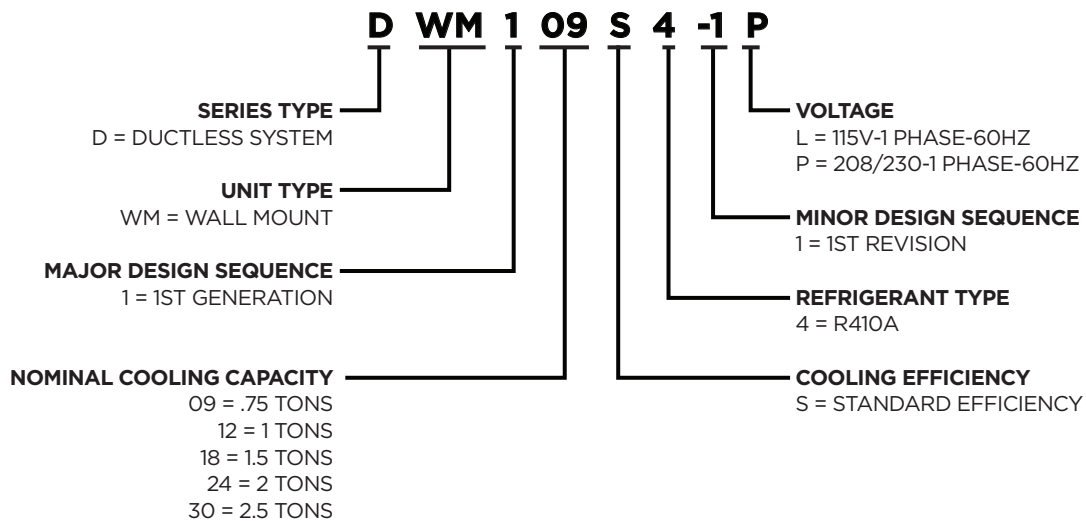
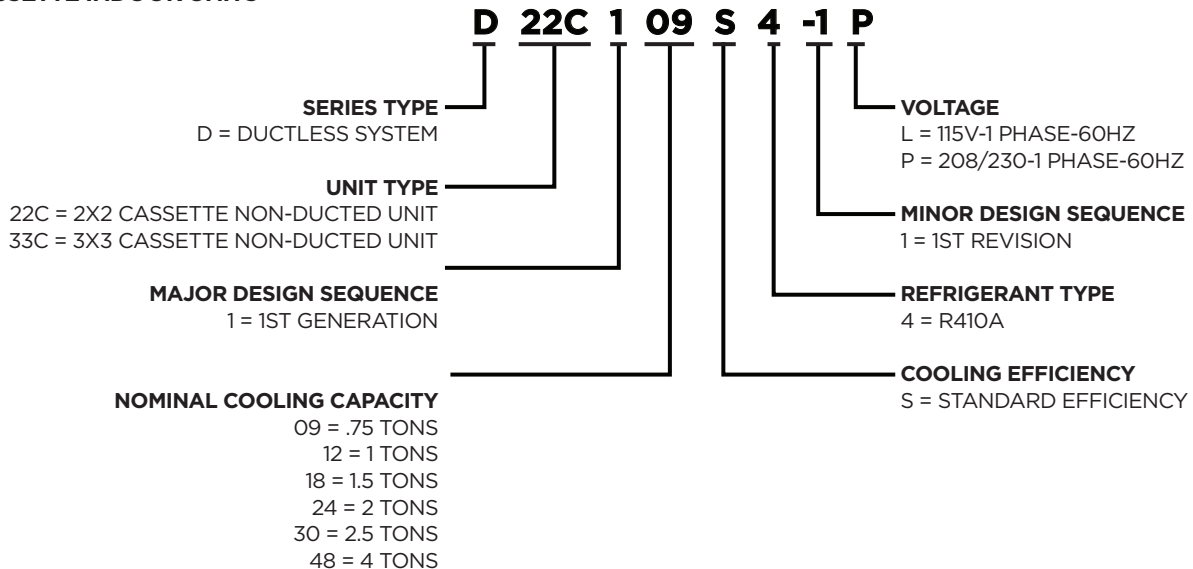
- Pre-Heat Function
- LED Readout
- Auto Restart
- Cooling Override
- Flare Connections
- Multi-Refrigerant Outlet
- Three Speed Fan

INDOOR UNITS - CASSETTE UNITS

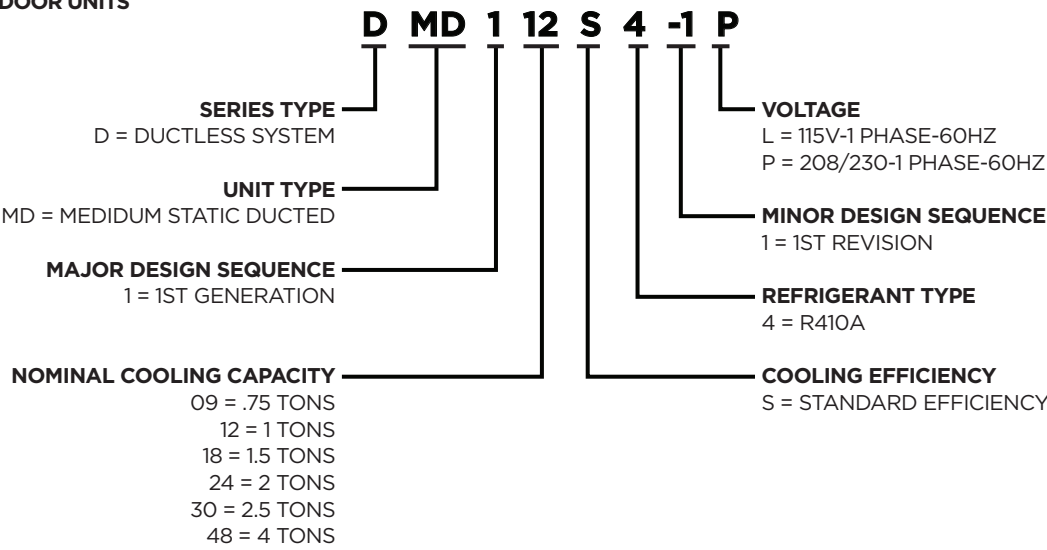
- 360° Airflow Panel
- Pre-Heat Function
- LED Readout/Infrared Receiver Panel
- Auto Restart
- Cooling Override
- Built-In Condensate Pump
- Compact Design
- Flare Connections
- Four Speed Fan
- Turbo Fan with Backward Curved Blades
- Air Filter
- The cassette panel must be ordered separately. See Specifications table for ordering information.

INDOOR UNITS - MEDIUM STATIC DUCTED

- Pre-Heat Function
- LED Readout Panel
- Auto Restart
- Cooling Override
- Built-In Condensate Pump
- Duct Connections
- Flare Connections

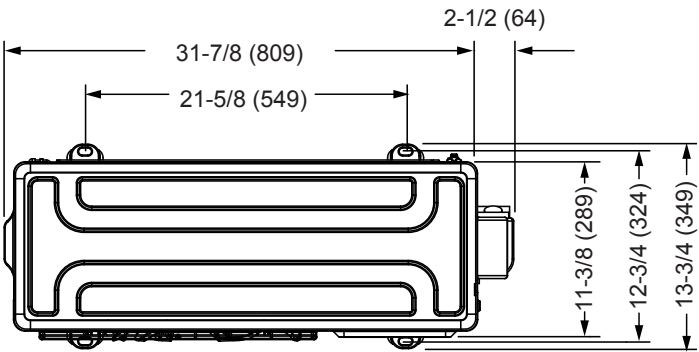
MODEL NUMBER GUIDE**OUTDOOR SINGLE-ZONE HEAT PUMP UNITS****WALL-MOUNTED INDOOR UNITS****CASSETTE INDOOR UNITS**

DUCTED INDOOR UNITS

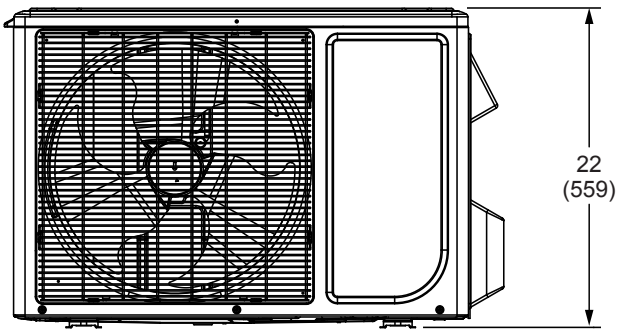


DIMENSIONS - OUTDOOR UNITS - INCHES (MM)

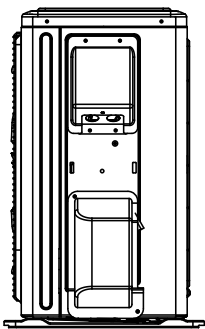
4DHP1S09S, 4DHP1S12S



TOP VIEW

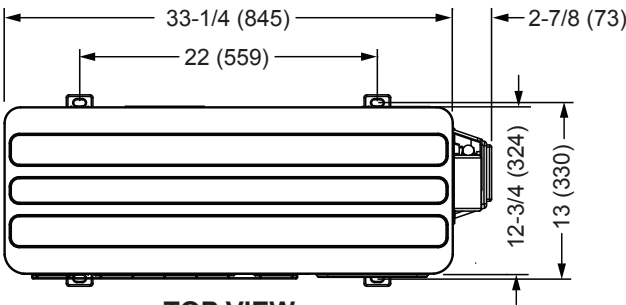


FRONT VIEW

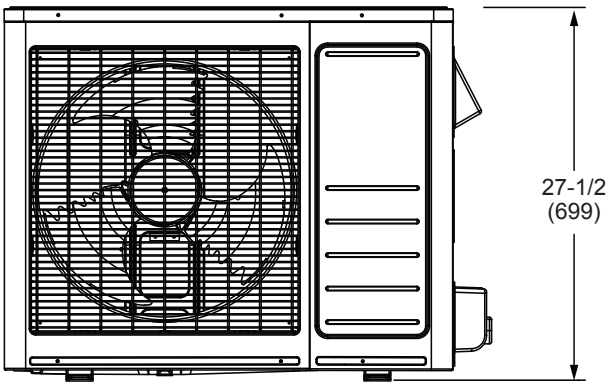


SIDE VIEW

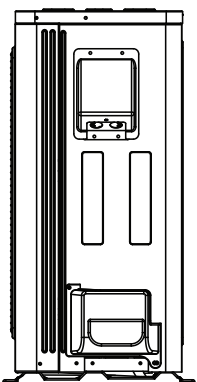
4DHP1S18S



TOP VIEW



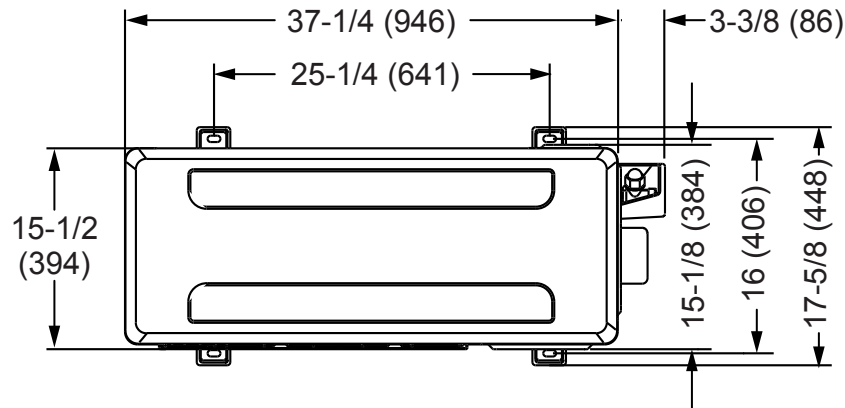
FRONT VIEW



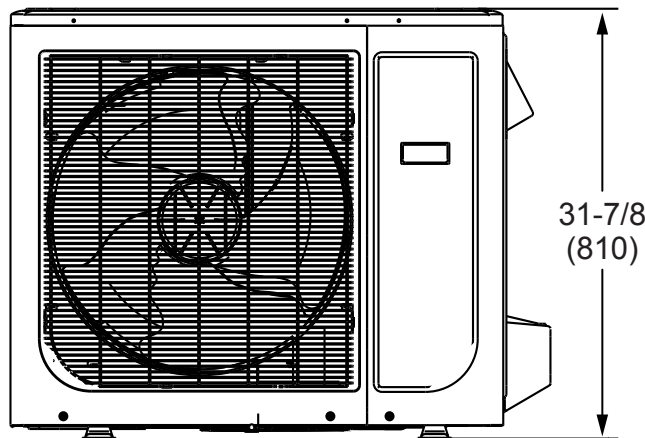
SIDE VIEW

DIMENSIONS - OUTDOOR UNITS - INCHES (MM)

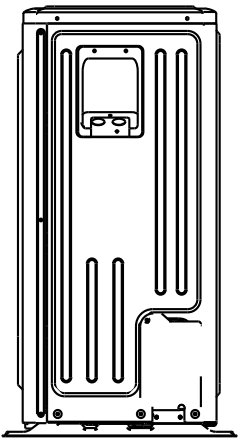
4DHP1S24S, 4DHP1S30S, 4DHP1S36S



TOP VIEW



FRONT VIEW

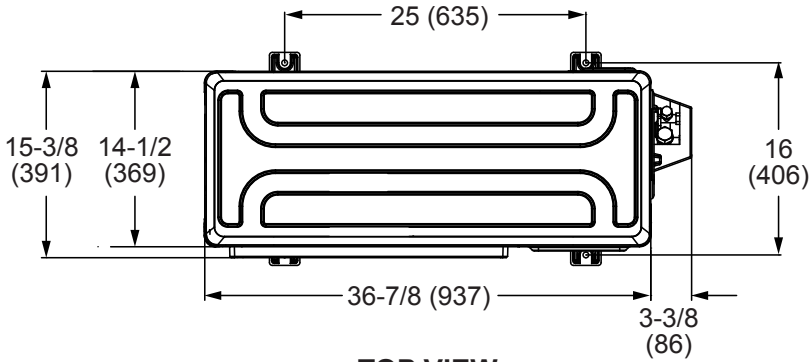


SIDE VIEW

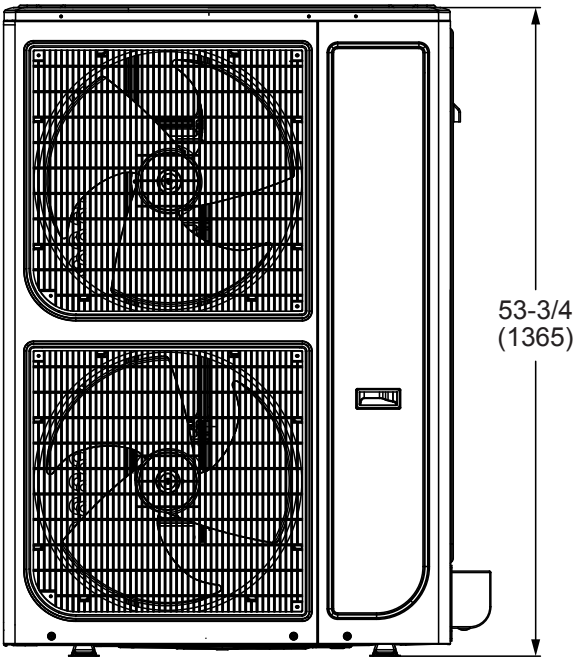
DIMENSIONS - OUTDOOR UNITS - INCHES (MM)

4DHP1S48S

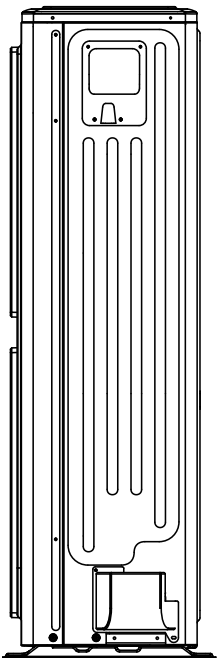
MPA048S4S



TOP VIEW



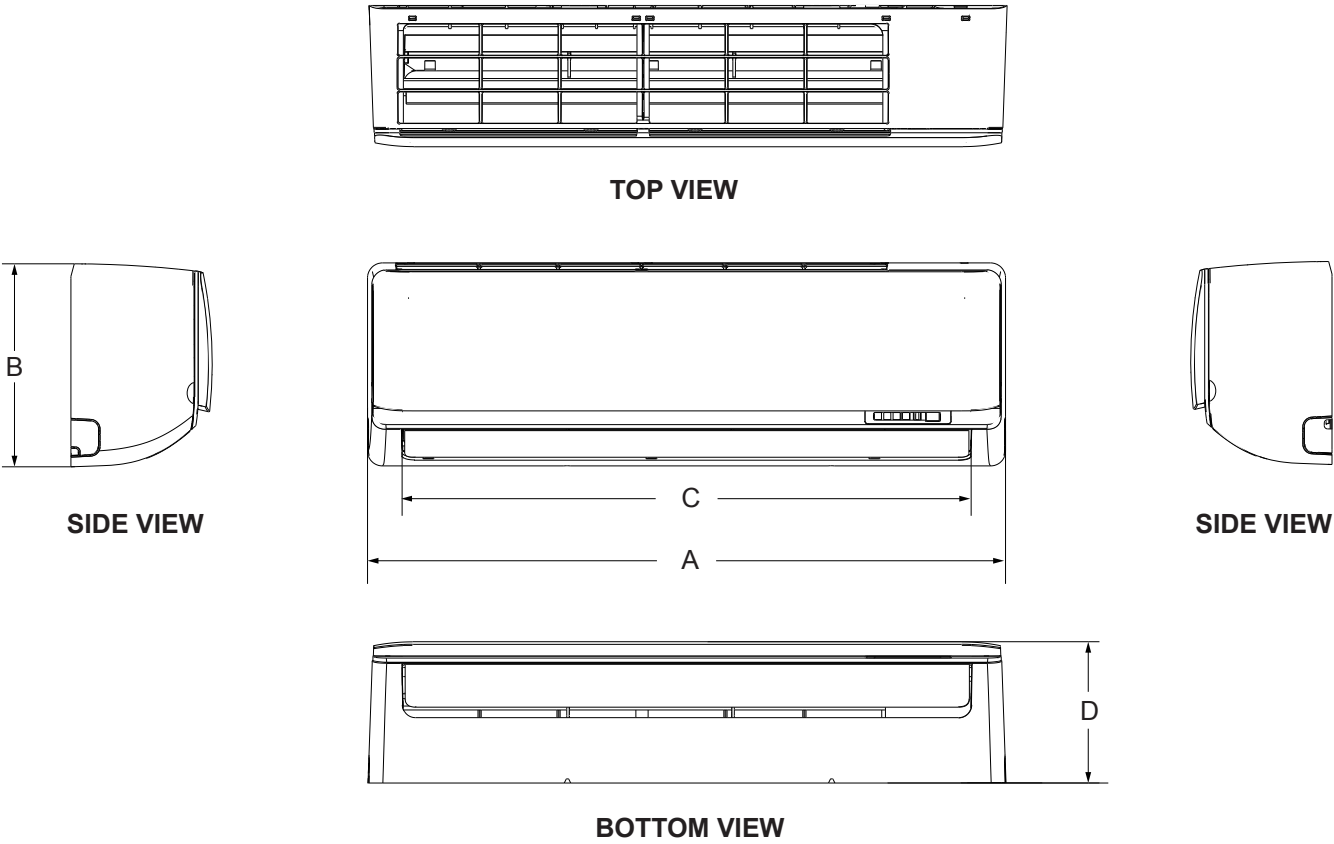
FRONT VIEW



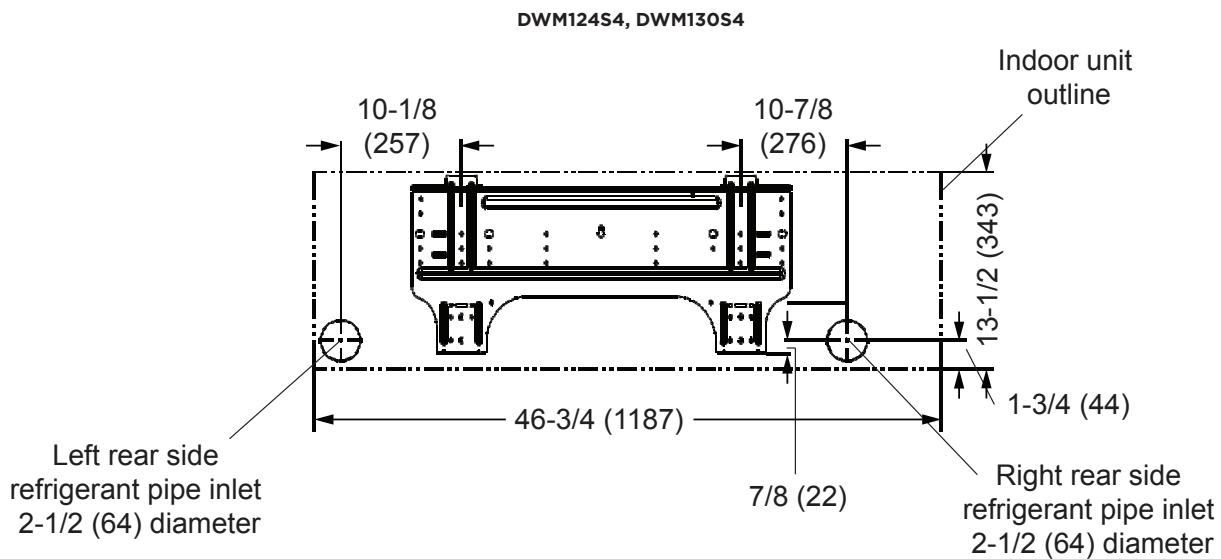
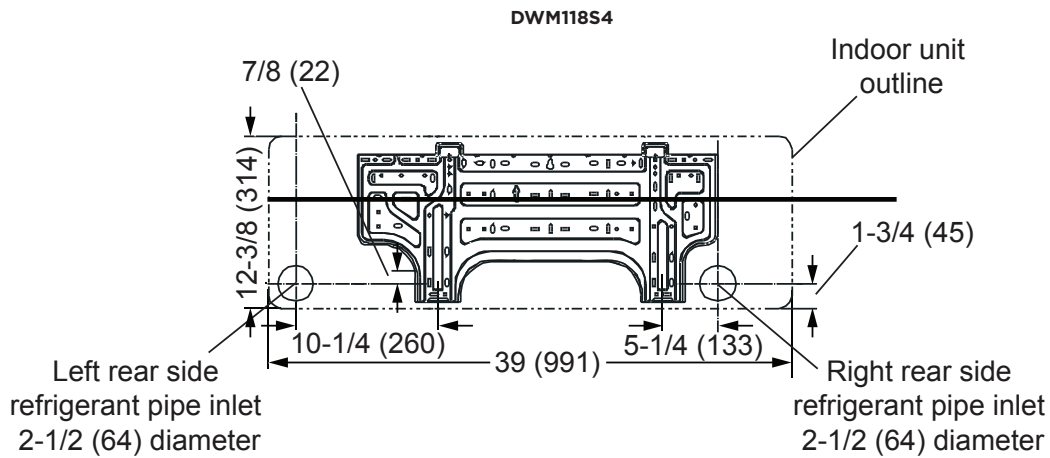
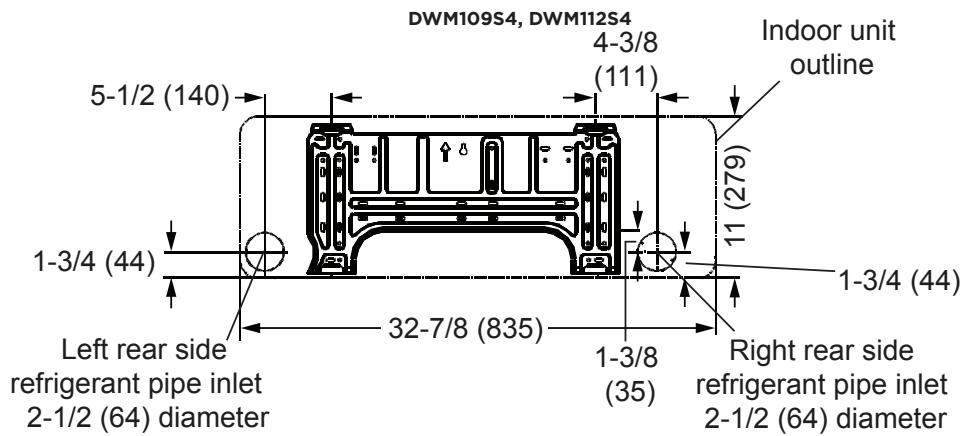
SIDE VIEW

DIMENSIONS - WALL MOUNTED INDOOR UNITS - INCHES (MM)

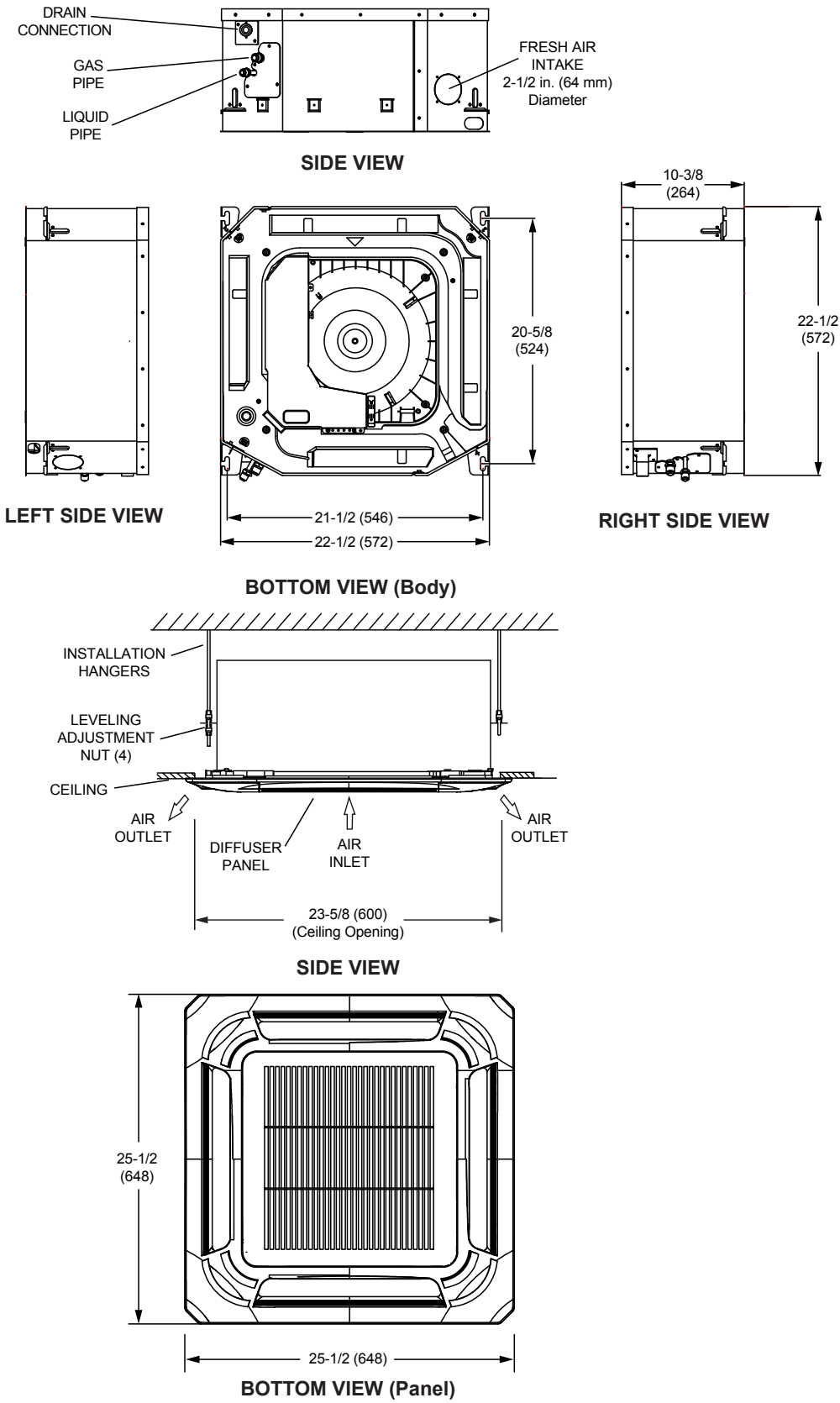
DWM109S4, DWM112S4, DWM118S4, DWM124S4, DWM130S4



SIZE	A		B		C		D	
	IN.	MM	IN.	MM	IN.	MM	IN.	MM
009, 012	32-7/8	835	11	279	29-1/4	743	7-7/8	200
018	39	991	12-3/8	314	34-3/4	883	8-5/8	219
024, 030	46-3/4	1187	13-1/2	343	42-1/2	1080	10-1/4	260

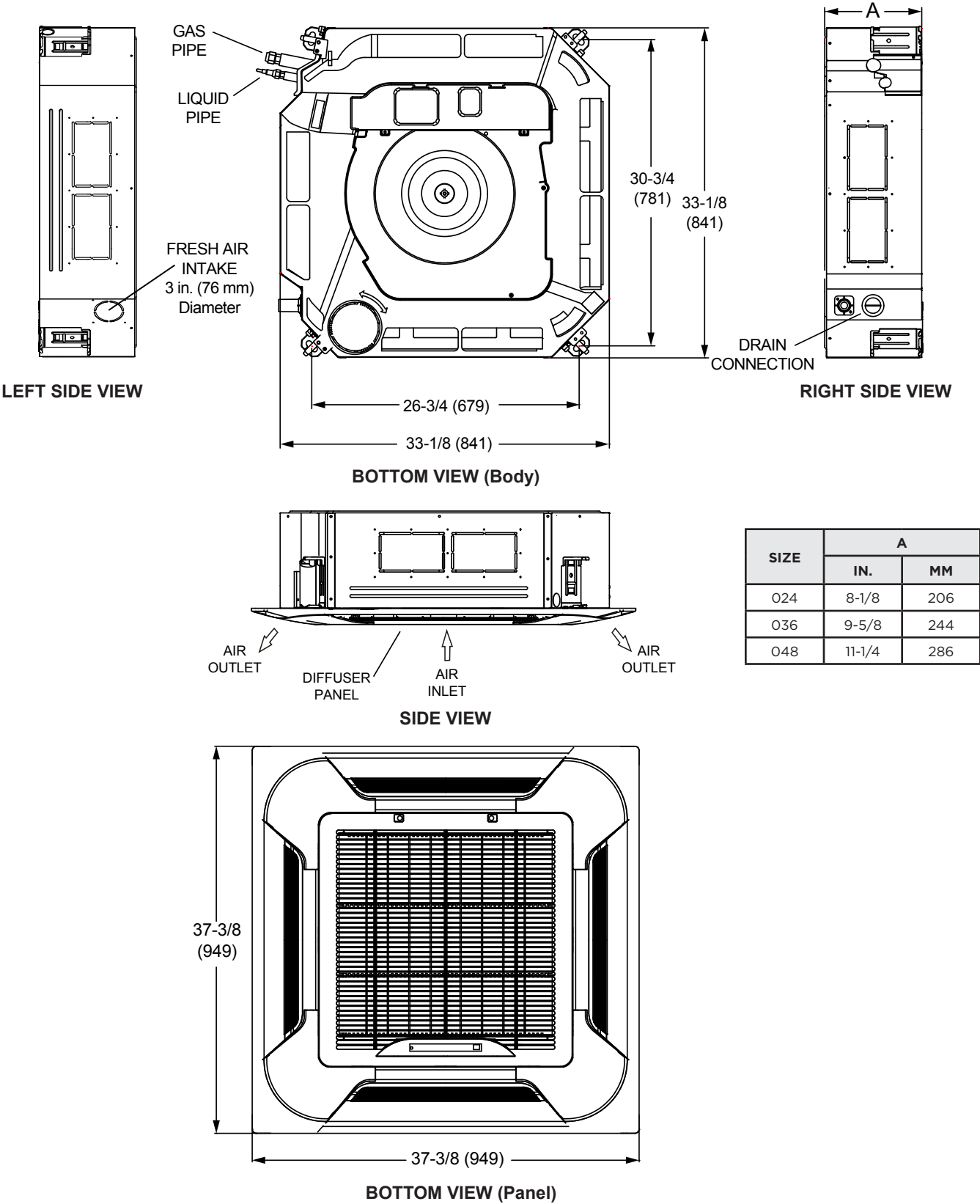
DIMENSIONS - WALL MOUNTED INDOOR UNITS - INCHES (MM)

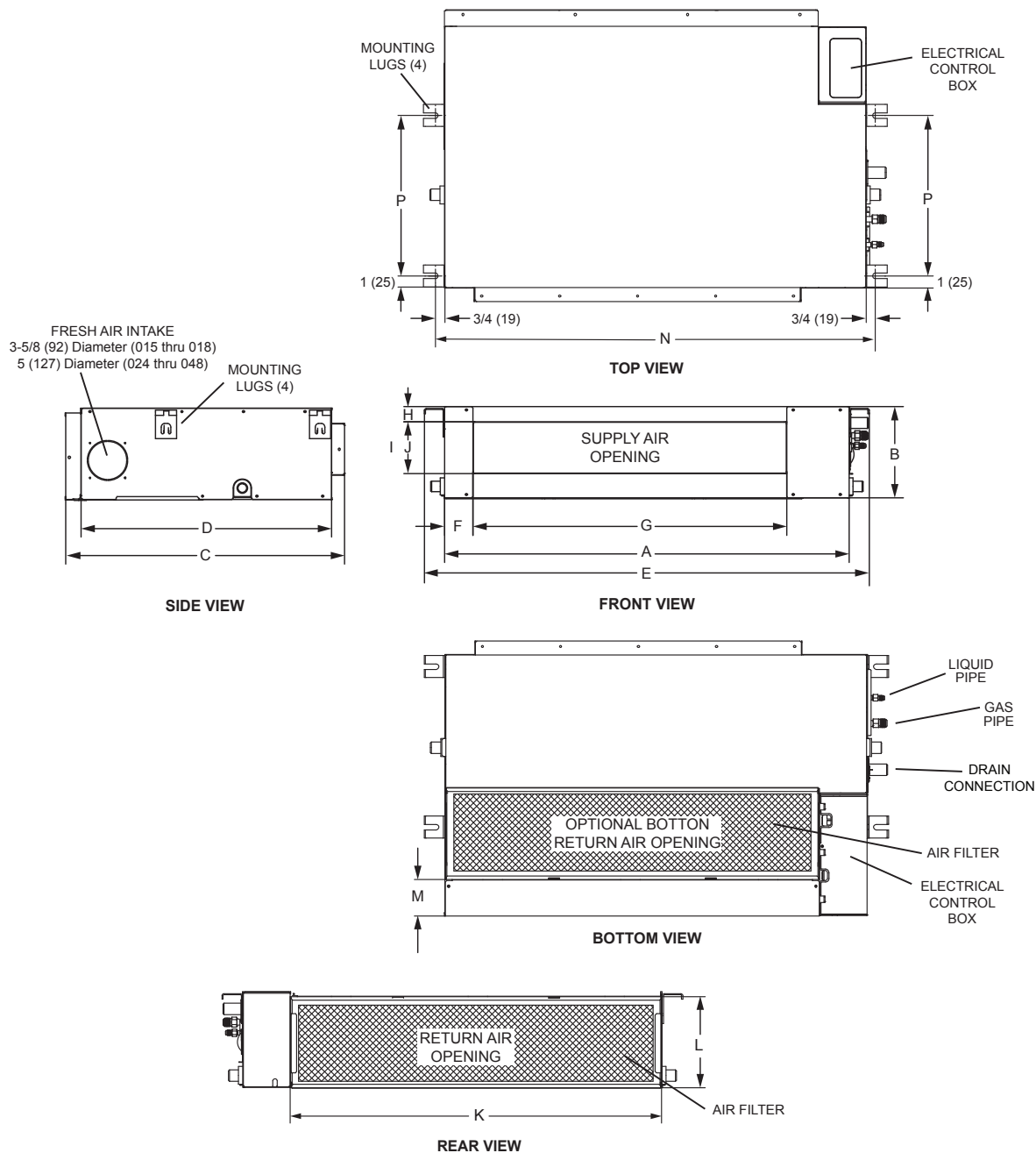
DIMENSIONS - CASSETTE INDOOR UNITS - INCHES (MM)



DIMENSIONS - CASSETTE INDOOR UNITS - INCHES (MM)

D33C124S4, D33C136S4, D33C148S4



DIMENSIONS - MEDIUM STATIC DUCTED INDOOR UNITS - INCHES (MM)

SIZE	A		B		C		D		E		F		G		H	
	IN.	MM	IN.	MM	IN.	MM	IN.	MM	IN.	MM	IN.	MM	IN.	MM	IN.	MM
009 thru 012	27-5/8	702	8-1/4	210	25	635	22-1/2	572	31-1/8	791	2-5/8	67	19-1/2	495	1-3/8	35
018	36-1/4	921	8-1/4	210	25	635	22-1/2	572	39-3/4	1010	2-5/8	67	28	711	1-3/8	35
024	36-1/4	921	10-5/8	270	25	635	22-1/2	572	39-3/4	1010	2-5/8	67	28	711	1-3/8	35
036	44-7/8	1140	10-5/8	270	30-1/2	775	28	711	48-1/2	1232	2-5/8	67	36-3/4	933	1-3/8	35
048	47-1/4	1200	11-7/8	302	34-1/8	867	31-1/2	800	50-3/4	1289	3-1/8	79	38-1/8	968	1-1/2	38

SIZE	J		K		L		M		N		P	
	IN.	MM	IN.	MM	IN.	MM	IN.	MM	IN.	MM	IN.	MM
009 thru 012	4-5/8	117	23-1/2	597	7-7/8	200	3-1/8	79	29-1/8	740	13-3/4	349
018	4-5/8	117	32	813	7-7/8	200	3-1/8	79	37-3/4	959	13-3/4	349
024	7	178	32	813	10-1/4	260	3/4	19	37-3/4	959	13-3/4	349
036	7	178	40-3/4	1035	10-1/4	260	3/4	19	46-1/2	1181	19-1/4	489
048	8	203	43	1092	11-3/8	289	1-3/4	44	48-7/8	1241	19-5/8	498

OUTDOOR SPECIFICATIONS

MODEL NUMBER		4DHP1S09S-1L	4DHP1S12S-1L	4DHP1S09S-1P	4DHP1S12S-1P	4DHP1S18S-1P	4DHP1S24S-1P	4DHP1S30S-1P	4DHP1S36S-1P	4DHP1S48S-1P
NOMINAL SIZE- TONS		0.75	1	0.75	1	1.5	2	2.5	3	4
AMBIENT TEMP. OPERATING RANGE-°F	COOLING	5 - 122								
	HEATING	-13 - 86								
SOUND DATA	DB(A)	56	58	56	58	60	61	59	66	63
REFRIGERANT	CHARGE FURNISHED (R410A) - OZ.	38.8	40.6	38.8	40.6	68.8	82.9	106	108	148.2
	MAX LINE LENGTH - FT.	25								
	CHARGE REQUIRED/ ADDITIONAL FT. - OZ.	0.16					0.32			
COMPRESSOR	TYPE	Rotary								
	REFRIGERANT OIL TYPE	Ester Oil VG74								
	REFRIGERANT OIL CHARGE - OZ.	12.5				15.2	27.7	36.1	36.1	47.3
	LOW AMBIENT CUT-OFF	-13°F								
CONNECTIONS - IN.	LIQUID/GAS PIPE (FLARE)	1/4" / 3/8"	1/4" / 1/2"	1/4" / 3/8"	1/4" / 1/2"	1/4" / 1/2"	3/8" / 5/8"	3/8" / 5/8"	3/8" / 5/8"	3/8" / 5/8"
	MAXIMUM REFRIGERANT PIPE LENGTH - FT.	98					164		213	
	MAX. DIFFERENCE IN LEVEL OF INDOOR UNIT - FT.	40	40	40	40	66	82	82	98	98
OUTDOOR FAN	(NO.) DIAMETER - IN.	(1) - 16.5				(1) - 18	(1) - 22			(2) - 20
	TOTAL AIR VOLUME - CFM	1180	1180	1120	1180	1470	2355	2530	2940	4240
	RPM	850	850	800	800	800	850/750/700	950/800/750	950	960
OUTDOOR COIL	NUMBER OF ROWS	2				3	2.6	2.6	2.6	2
	FINS PER INCH	21				18	18	16	14	16
	FIN TYPE	Hydrophilic Aluminum								
	TUBE OUTSIDE DIAMETER - IN.	1/4"							3/8"	5/16"
	TUBE TYPE	Rifled Copper Tubing								
	NET FACE AREA - SQ. FT.	4.72				5.42	8.12	7.79 / 4.75	8.16 / 4.75	14.14
DESIGN PRESSURE	PSIG	550/340								
SHIPPING DATA	NET/SHIPPING WEIGHT (LBS.)	83 / 88				111 / 120	134 / 144	158 / 170	161 / 183	220 / 251
ELECTRICAL DATA										
ELECTRICAL CHARACTERISTICS - 60 HZ - 1 PHASE	MAXIMUM OVERCURRENT PROTECTION (AMPS)	115V		208/230V						
		20	20	15	15	20	25	30	50	50
	MINIMUM CIRCUIT AMPACITY	15	15	15	15	15	18	20	30	35
	COMPRESSOR RATED LOAD AMPS	9	10	5.3	5.7	9.5	12	14	22	23.5
OUTDOOR FAN MOTOR	RATED LOAD AMPS	0.6	0.6	0.42	0.42	0.5	0.7	1.0	1.0	(2) 0.7
	OUTPUT - W	40				50	120			(2) 85

SPECIFICATIONS - WALL MOUNTED INDOOR UNITS

MODEL NUMBER		DWM109S4-1L	DWM112S4-1L	DWM109S4-1P	DWM112S4-1P	DWM118S4-1P	DWM124S4-1P	DWM130S4-1P
NOMINAL SIZE- TONS		0.75	1	0.75	1	1.5	2	2.5
ELECTRICAL CHARACTERISTICS	60 HZ - 1 PHASE	115V		208/230V				
	RATED LOAD AMPS	0.25	0.25	0.06	0.06	0.13	0.3	0.5
	INPUT (W)	25	25	50	50	58(Output)	60(Output)	72
ROOM TEMP RANGE (°F)	COOLING	62 -90						
	HEATING	32 - 86						
AIR VOLUME (CFM)	HIGH/MED/LOW	365/265/194		370/268/196	371/274/198	530/410/295	695/624/485	794/647/500
SOUND DATA (DBA)	HIGH/MED/LOW	42/33/24		41.7/33.4/26.5	45.1/--/28.6	46.2/--/30.9	51.7/--/35.1	49/42/37.5
CONNECTIONS (IN.)	LIQUID/GAS - O.D. - FLARE	1/4" / 3/8"	1/4" / 3/8"	1/4" / 1/2"	1/4" / 1/2"	1/4" / 1/2"	3/8" / 5/8"	3/8" / 5/8"
	DRAIN - O.D.	1"						
WEIGHT (LBS.)	NET/ PACKAGING	19.8/25.4				26.9/34.8	39.9/53.6	40.12/50.26

SPECIFICATIONS - CASSETTE INDOOR UNITS

MODEL NUMBER		D22C109S4-1P	D22C112S4-1P	D22C118S4-1P	D33C124S4-1P	D33C136S4-1P	D33C148S4-1P
NOMINAL SIZE- TONS		0.75	1	1.5	2	3	4
ELECTRICAL CHARACTERISTICS	60 HZ - 1 PHASE	208/230V					
	RATED LOAD AMPS	0.9	1	1.5	2	1.5	1.6
	INPUT (W)	45	45	45	58	141	232
ROOM TEMP RANGE (°F)	COOLING	62 -90					
	HEATING	32 - 86					
AIR VOLUME (CFM)	HIGH/MED/LOW	374/301/257	379/309/261	560/483/415	700/636/573	720/630/560	950/900/800/700
SOUND DATA (DBA)	HIGH/MED/LOW	41/37/33	43/39/36	44/39/36	51/47/43	55/52/49	55/52/49
CONNECTIONS (IN.)	LIQUID/GAS - O.D. - FLARE	1/4" / 3/8"	1/4" / 1/2"	1/4" / 1/2"	3/8" / 5/8"	3/8" / 5/8"	3/8" / 5/8"
	DRAIN - O.D.	1"				1 - 1/4"	
WEIGHT (LBS.)	NET/ SHIPPING	32 / 38	36 / 41	36 / 42	46 / 54	58 / 66	64 / 73
ACCESSORY INFORMATION							
CASSETTE PANEL	CATALOG #	1.861			1.861		
	NET/ SHIPPING WEIGHT (LBS.)	6 / 10			12 / 18		

SPECIFICATIONS - MEDIUM STATIC DUCTED INDOOR UNITS

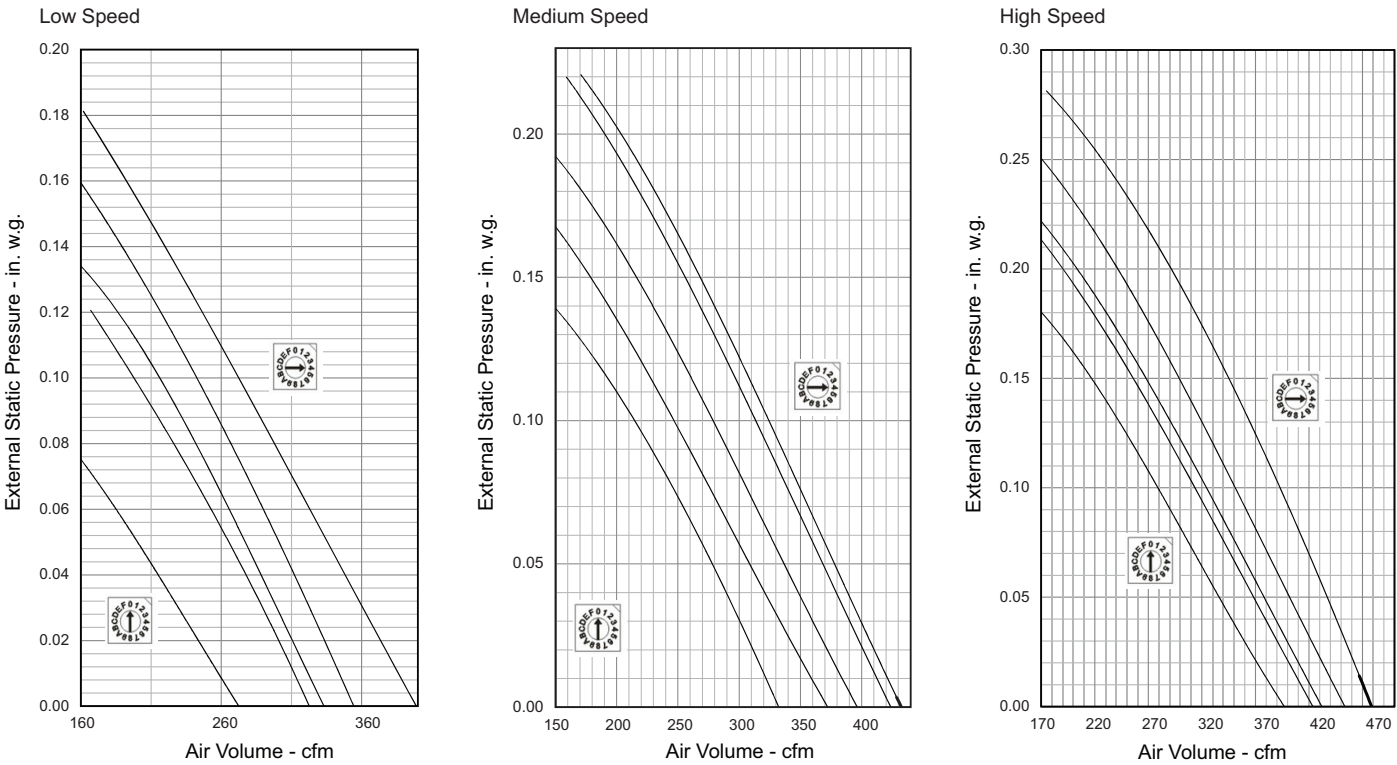
MODEL NUMBER		DMD109S4-1P	DMD112S4-1P	DMD118S4-1P	DMD124S4-1P	DMD136S4-1P	DMD148S4-1P
NOMINAL SIZE- TONS		0.75	1	1.5	2	2.5	3
ELECTRICAL CHARACTERISTICS	60 HZ - 1 PHASE	208/230V					
	RATED LOAD AMPS	0.9	1	1.5	2	1.5	1.8
INPUT (W)		100	100	96	96	150	206
ROOM TEMP RANGE (°F)	COOLING	62 - 90					
	HEATING	32 - 86					
AIR VOLUME (CFM)	HIGH/MED/LOW	335/290/240	370/320/260	520/430/360	820/620/520	1120/940/680	1470/1180/940
SOUND DATA (DBA)	HIGH/MED/LOW	38/35/31	44/37/31	41/39/37	53/48/43	53/51/47	52/49/46
CONNECTIONS (IN.)	LIQUID/GAS - O.D. - FLARE	1/4" / 3/8"	1/4" / 1/2"	1/4" / 1/2"	3/8" / 5/8"	3/8" / 5/8"	3/8" / 5/8"
DRAIN - O.D.		1"					
WEIGHT (LBS.)	NET/ SHIPPING	40 / 51	42 / 52	51 / 61	58 / 69	77 / 92	95 / 114

AHRI SYSTEM MATCHES

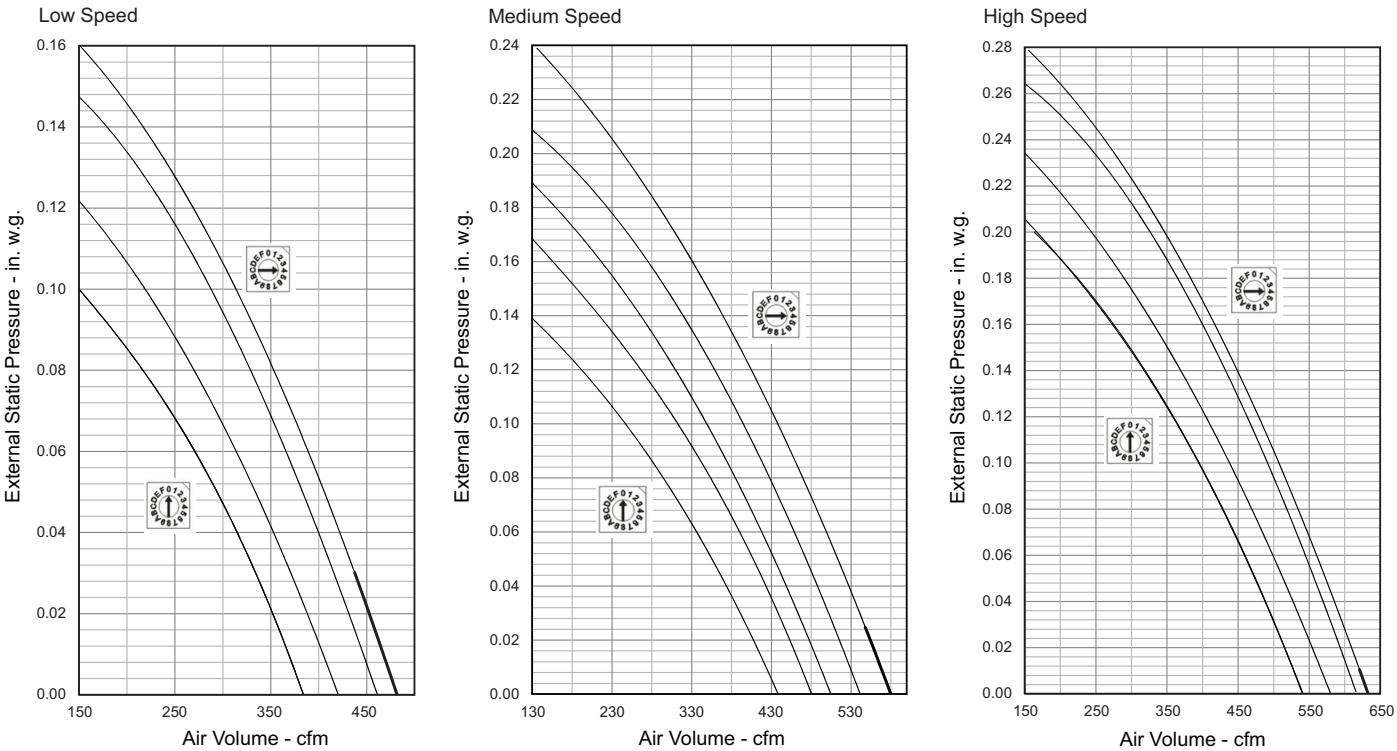
Indoor Unit Type	Outdoor Unit	Indoor Unit	Cooling Capacity	SEER	EER	Heat Capacity 47F	HSPF (IV)	HSPF (V)
Wall-Mounted Non-Ducted	4DHP1S09S-1L	DWM109S4-1L	9,500	24.5	15	11,000	11.2	9.0
	4DHP1S12S-1L	DWM112S4-1L	12,000	22	13	12,000	10.2	8.3
	4DHP1S09S-1P	DWM109S4-1P	9,000	23.5	14.9	9,800	10.8	9.1
	4DHP1S12S-1P	DWM112S4-1P	12,000	22.7	13.7	12,000	11.0	9.0
	4DHP1S18S-1P	DWM118S4-1P	18,000	21	13	18,000	10.4	9.0
	4DHP1S24S-1P	DWM124S4-1P	24,000	20.7	13.7	25,000	11.5	9.8
	4DHP1S30S-1P	DWM130S4-1P	30,000	19.8	11.5	30,000	9.4	8.0
Cassette Non-Ducted	4DHP1S09S-1P	D22C109S4-1P	9,000	20	13	10,000	10.5	8.4
	4DHP1S12S-1P	D22C112S4-1P	12,000	21.5	14	12,000	10.5	8.4
	4DHP1S18S-1P	D22C118S4-1P	18,000	20	12.5	18,000	10.3	8.8
	4DHP1S24S-1P	D33C124S4-1P	24,000	20	12.5	24,400	10.5	8.4
	4DHP1S36S-1P	D33C136S4-1P	36,000	17.5	9	38,000	10.5	9.1
	4DHP1S48S-1P	D33C148S4-1P	44,500	16.8	9.5	50,000	11	9.4
Medium Static Ducted	4DHP1S09S-1P	DMD109S4-1P	9,000	19.5	13.5	10,000	10.5	9.2
	4DHP1S12S-1P	DMD112S4-1P	11,000	19	12.5	12,000	10	8
	4DHP1S18S-1P	DMD118S4-1P	16,000	19	12.5	18,000	10.5	8.8
	4DHP1S24S-1P	DMD124S4-1P	23,000	20	12.5	24,400	10.5	8.3
	4DHP1S36S-1P	DMD136S4-1P	36,000	15.5	8.5	38,000	10.5	8.7
	4DHP1S48S-1P	DMD148S4-1P	48,000	17.4	8.9	49,500	10.3	8.8

BLOWER DATA - MEDIUM STATIC DUCTED INDOOR UNITS

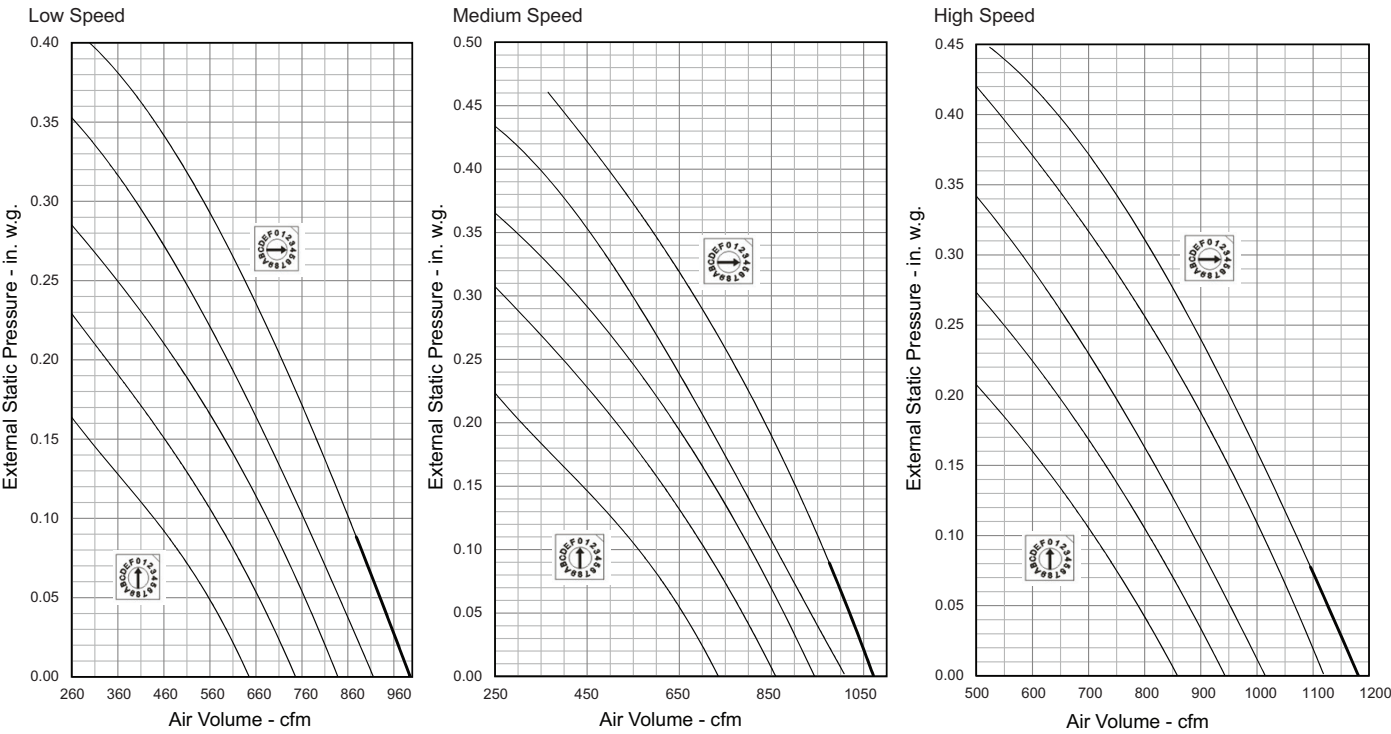
DMD109S4-1P, DMD112S4-1P



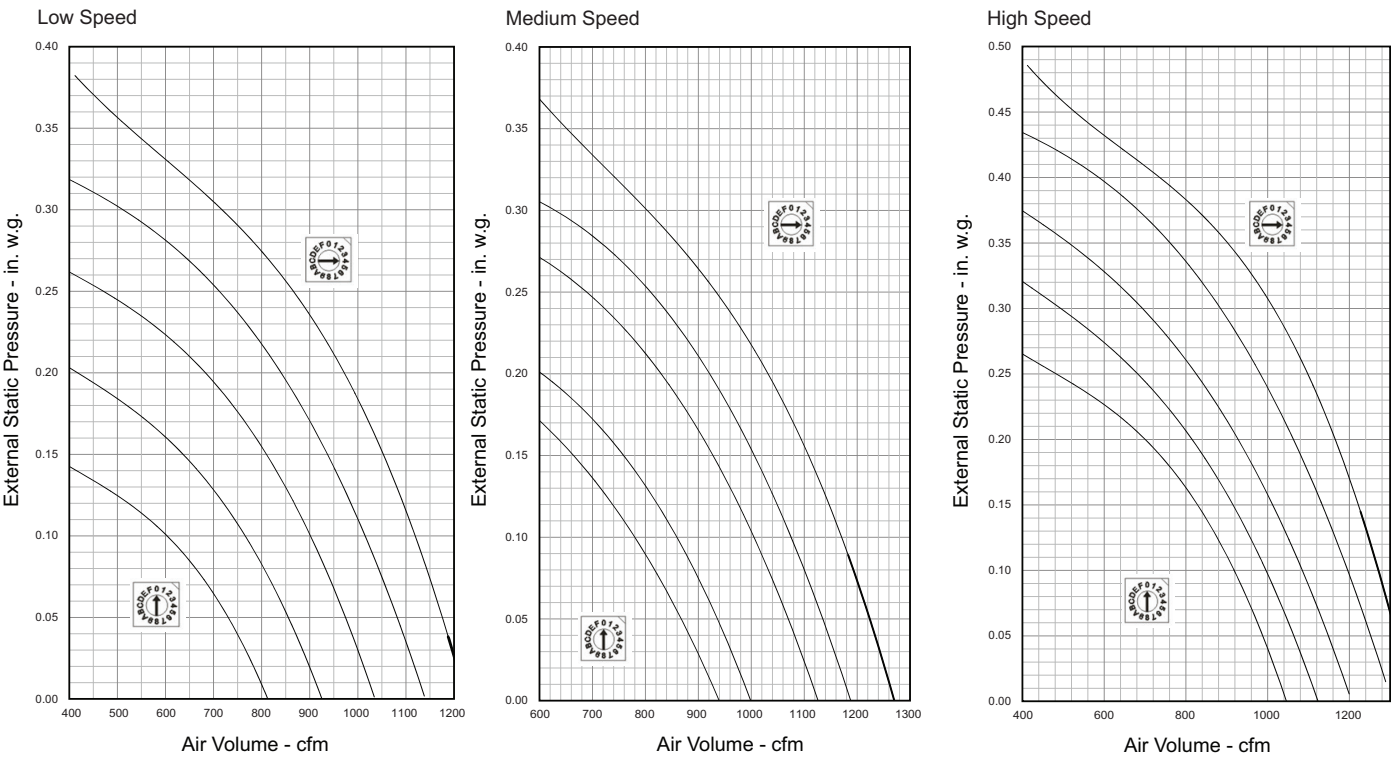
DMD118S4-1P



DMD1024S4-1P

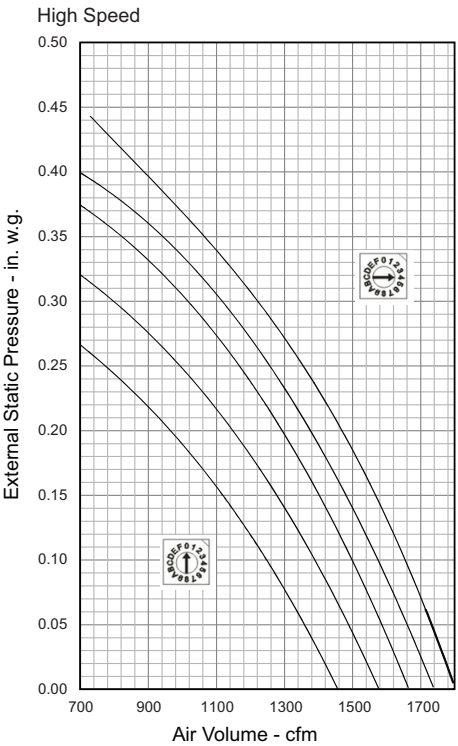
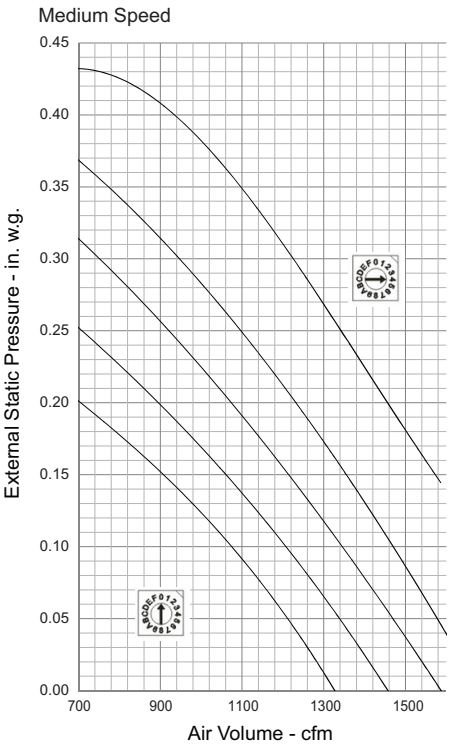
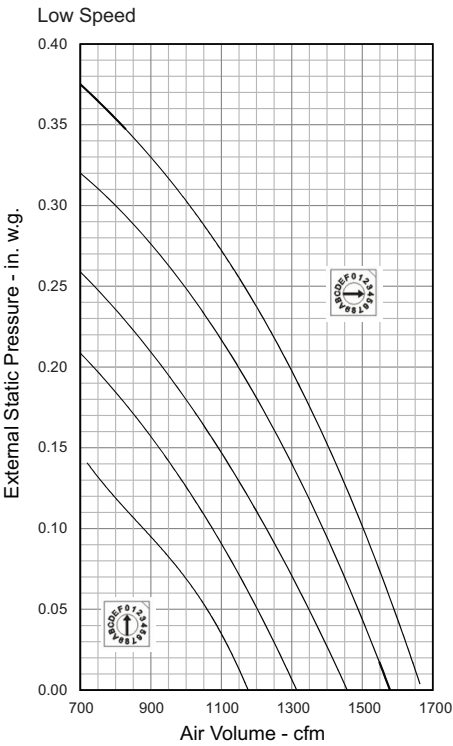


DMD136S4-1P



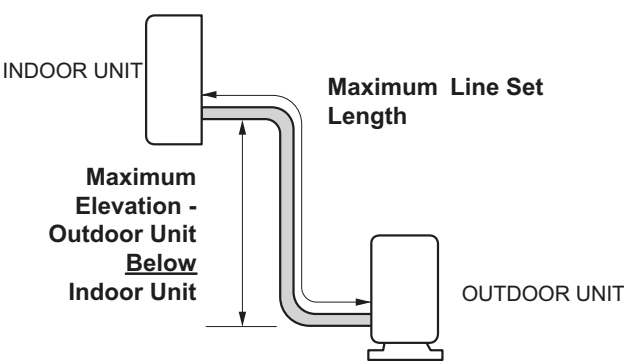
BLOWER DATA - MEDIUM STATIC DUCTED INDOOR UNITS

DMD148S4-1P,

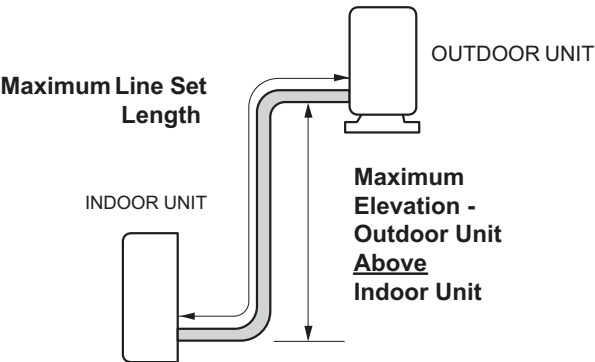


LINE SET AND ELEVATION GUIDELINES

Outdoor Unit BELOW Indoor Unit



Outdoor Unit ABOVE Indoor Unit

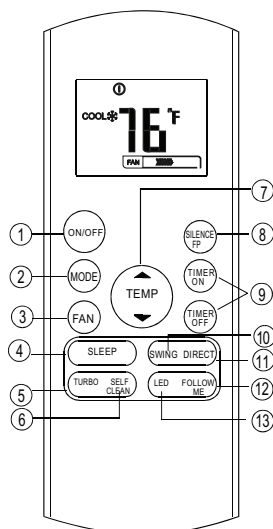


SIZE	LINE SET DIAMETERS (IN.)		MAXIMUM ELEVATION - OUTDOOR UNIT <u>BELOW</u> INDOOR UNIT FT. (M)	MAXIMUM ELEVATION - OUTDOOR UNIT <u>ABOVE</u> INDOOR UNIT FT. (M)	MAXIMUM LINE SET LENGTH FT. (M)
	LIQUID	GAS			
009	1/4	3/8	40 ft. (12 m)	40 ft. (12 m)	82 ft. (25 m)
012	1/4	1/2	40 ft. (12 m)	40 ft. (12 m)	82 ft. (25 m)
018	1/4	1/2	66 ft. (20 m)	66 ft. (20 m)	98 ft. (30 m)
024, 030	3/8	5/8	82 ft. (25 m)	82 ft. (25 m)	164 ft. (50 m)
036, 048	3/8	5/8	98 ft. (30 m)	98 ft. (30 m)	213 ft. (65 m)

ACCESSORIES (FURNISHED)

WIRELESS REMOTE CONTROL

- Furnished with Wall-Mounted Indoor Units, Cassette Indoor Units and Ceiling/Floor Indoor Units.
- NOTE - Can be ordered separately for ducted indoor units.
- Complete remote control of system. Maximum operating range is 25 ft.
- Operates on two AAA 1.5V batteries (furnished).
- Wireless remote control holder furnished. Holder can be mounted on a wall for easy access. Mounting screws furnished.

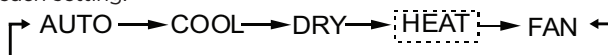


ON/OFF BUTTON

- Turns system on and off.

MODE BUTTON

- Select system operation modes. Push button to cycle through each setting.



FAN BUTTON

- Select fan speed. Push button to cycle through each setting.
- A horizontal sequence of fan speeds in a box: AUTO → LOW → MED → HIGH.
- NOTE - Not available in AUTO or DRY modes.
 - SLEEP Button
 - Enables the system to automatically increase cooling or decrease heating (in 2°F increments) per hour for the first 2 hours, then maintain a steady temperature for 5 hours.
 - NOTE - To cancel, push the "MODE", "FAN SPEED" or "ON/OFF" buttons.
 - NOTE - SLEEP mode is only available when the unit is in COOL, HEAT or AUTO mode.

TURBO BUTTON

- Enables the unit to reach the preset temperature during cooling or heating operation in the shortest time.

SELF CLEAN BUTTON

- Automatically cleans and dries the evaporator coil at the end of the cooling season, preventing any odors or mildew.

UP/DOWN BUTTONS ▲ ▼

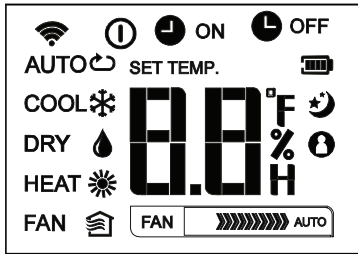
- Increase or decrease the indoor temperature in one degree increments (maximum 86°F, minimum 62°F).
- NOTE - Temperature cannot be adjusted in FAN mode.
- NOTE - Press and hold and buttons together for 3 seconds to alternate the temperature display between the °C and °F scale.

SILENCE/FP BUTTON

- Silence - Operates the compressor at low frequency and low fan speed to reduce operating sound levels to a minimum.
 - FP - Only available during heating operation. Unit will operate at a set temperature of 46°F.
 - NOTE - To cancel, push the "ON/OFF", "SLEEP", "FP", "MODE", "FAN SPEED", "UP/DOWN" buttons.
 - TIMER ON / TIMER OFF Buttons
 - TIMER ON (initiates an auto-on time sequence) and TIMER OFF (initiates an auto-off time sequence) can be used separately or together.
- Each press of the button increases the time in 30 minute increments up to 10 hours. Above 10 hours each press of the button will increase the auto-timed setting by 60 minutes up to 24 hours.
- NOTE - To cancel, set timer to 0.0 or turn remote off and on.

SWING Button

- Used to stop or start horizontal louver auto swing feature.
- DIRECT Button
- Used to change the louver movement and set the desired up/down air flow direction.
- The louver angle changes 6° for each press of the button.
- FOLLOW ME Button
- Allows remote temperature sensing of the room at the remote control location.
- LED Button
- Turns the LCD display backlight on the indoor unit on or off.

ACCESSORIES (FURNISHED)**WIRELESS REMOTE CONTROL OPERATION****Mode display**

AUTO COOL DRY
HEAT FAN

- Displayed when data transmitted.
- Displayed when remote controller is ON.
- Battery display (low battery detection)

- ON Displayed when TIMER ON time is set.
- OFF Displayed when TIMER OFF time is set.

Show set temperature or room temperature, or time under TIMER setting.

- Displayed in Sleep Mode operation.
- Indicated that the air conditioner is operating in Follow me mode

Fan speed indication

- FAN Low speed
- FAN Medium speed
- FAN High speed
- FAN AUTO Auto fan speed

Note - During unit operation only the active functions will be shown on the display.

- Auto Operation
- Press the **MODE** button to select Auto.
- Press the **UP/DOWN** button to set the desired temperature. The temperature can be set within a range of
- Press the **ON/OFF** button to start the air conditioner.
- Cooling /Heating/Fan Operation
- Press the **MODE** button to select **COOL, HEAT or FAN** mode.
- Press the **UP/DOWN** buttons to set the desired temperature.
- Press the **FAN** button to select the fan speed in four steps- Auto, Low, Med, or High.
- Press the **ON/OFF** button to start the air conditioner.
- Dehumidifying Operation
- Press the **MODE** button to select **DRY** mode.
- Press the **UP/DOWN** buttons to set the desired temperature.
- Press the ON/OFF button to start the air conditioner.
- Timer ON/OFF Operation
- Press the **TIMER ON** or **TIMER OFF** button. The remote controller shows TIMER ON or TIMER OFF icon, the previous Auto-on time setting and the signal "H" will be shown on the LCD display area.
- Push the **TIMER ON** or **TIMER OFF** button again to set desired time. Each time you press the button, the time increases by 30 minutes between 0 and 10 hours and by 60 minutes between 10 and 24 hours.
- After setting the **TIMER ON** or **TIMER OFF** there will be a one second delay before the remote control transmits the signal to the unit. After approximately 2 seconds, the signal "H" will disappear and the set temperature will re-appear on the LCD display window.

ACCESSORIES (FURNISHED)

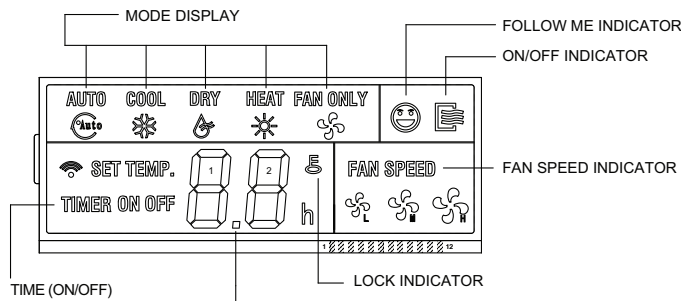
WIRED REMOTE CONTROL

- Furnished with Ducted Indoor Units.
- NOTE - Can be ordered separately for non-ducted indoor units.

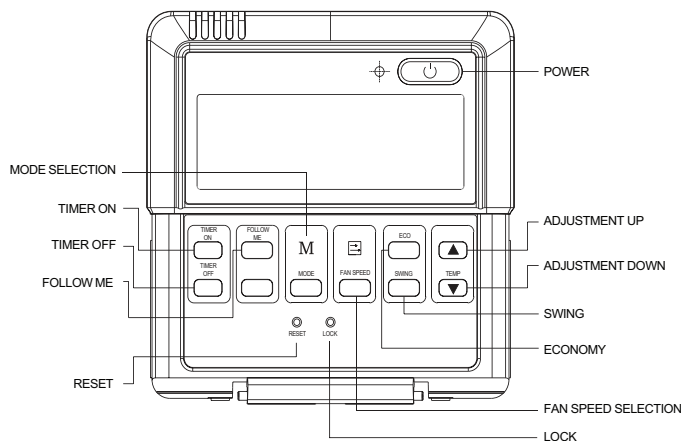
FEATURES

- Backlight - Allows easy operation in a dark room. The controller lights when any button is pressed and remains lit during control access.
- Permanent Memory - Maintains clock, fan speed and mode of operation settings following power outages.
- Dimensions (H x W x D) - 4-3/4 x 4-3/4 x 7/8 in.
- Additional hardware is furnished for installation.
- Wiring - Controller uses 5-wire shielded cable (not furnished) for easy low voltage connection to the indoor unit.

DISPLAY

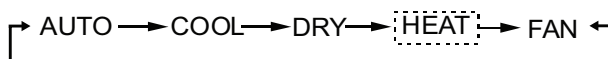


BUTTONS AND FUNCTIONS



MODE Button

Select system operation modes. Push button to cycle through each setting.

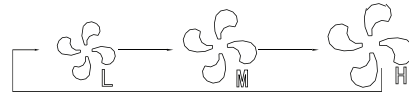


POWER Button

Turns system on and off.

FAN SPEED Button

- Selects fan speed. Each button press cycles through the following settings on display.



- NOTE - Not available in AUTO mode.
- TIMER ON / TIMER OFF Buttons
- TIMER ON (initiates an auto-on time sequence) and TIMER OFF (initiates an auto-off time sequence) can be used separately or together.

Each press of the button increases the time in 30 minute increments up to 10 hours. Above 10 hours each press of the button will increase the auto-timed setting by 60 minutes up to 24 hours.

- NOTE - To cancel, set timer to 0.0.

UP/DOWN BUTTONS ▲ ▼

- Increase or decrease the indoor temperature in two degree increments (maximum 88°F, minimum 62°F).
- NOTE - Temperature cannot be adjusted in FAN mode.
- NOTE - Press and hold and buttons together for 3 seconds to alternate the temperature display between the °C and °F scale.

SWING BUTTON

- Used to stop or start horizontal louver auto swing feature.
- ECONOMY Button
- Maintains the most comfortable temperature and saves energy.
- RESET Button (Recessed)
- Resets Controller to factory settings. Recessed to prevent tampering.
- LOCK Button (Recessed)
- Locks Controller buttons to prevent tampering with settings.

OPTIONAL ACCESSORIES - ORDER SEPERATLEY

DESCRIPTION		CATALOG #	09	12	18	24	30	36	48
OUTDOOR UNIT									
CONDENSER PAD (18 X 36 X 2)		48X92	x	x	x	x	x	x	x
DISCONNECTS	30 AMP, FUSED, 1 PH	27P37	x	x	x	x	x	x	x
	60 AMP, NON-FUSED, 1 PH	27P39	x	x	x	x	x	x	x
FUSES	30A	83P75	x	x	x	x	x	x	x
	60A	83P77	x	x	x	x	x	x	x
LINE SETS	1/4" X 3/8" X 25'	90X53	x						
	1/4" X 3/8" X 50'	X0258	x						
	1/4" X 1/2" X 25'	90X52		x	x				
	1/4" X 1/2" X 50'	X0259		x	x				
	3/8" X 5/8" X 25'	X8406				x	x	x	x
	3/8" X 5/8" X 50'	X8407				x	x	x	x
WALL BRACKETS	30"	Y5020	x	x	x	x			
	36"	Y5021					x	x	x
WHIPS	10 GAUGE - 1/2" X 6'	29P54	x	x	x	x	x	x	x
	8 GAUGE - 3/4" X 6'	27P44	x	x	x	x	x	x	x
INDOOR UNIT									
CONDENSATE PUMP	7.9 US GALLONS/HR. 35 FT. LIFT - 120/240V	Y5170	x	x	x	x	x	x	x
CONTROLS									
WIRELESS REMOTE CONTROL		1.861056	x	x	x	x	x	x	x
WIRED REMOTE CONTROL		1.861057	x	x	x	x	x	x	x
INDOOR/OUTDOOR WIRING CABLE	14 GAUGE, 4 CONDUCTOR WIRE, THHN, 250 FT.	Y2067	x	x	x	x	x	x	x
NOTE- CONTROLS ARE FURNISHED WITH INDOOR UNITS. WIRED WITH DUCTED, WIRELESS WITH ALL OTHERS. THESE ACCESSORIES ARE ALTERNATIVES FOR THOSE OPTIONS- I.E. WIRELESS WITH DUCTED OR WIRED WITH ALL OTHERS.									
LINESET COVER									
STARTER KIT	4"	Y3387	x	x	x	x	x	x	x
LINESET COVER	4" X 6.5'	Y3388	x	x	x	x	x	x	x
UNION COUPLING	4"	Y3389	x	x	x	x	x	x	x
90 DEGREE FLAT BEND ELBOW	4"	Y3390	x	x	x	x	x	x	x
90 DEGREE INSIDE ELBOW	4"	Y3391	x	x	x	x	x	x	x
45 DEGREE FLAT BEND ELBOW	4"	Y3392	x	x	x	x	x	x	x
FLEX JOINT	4"	Y3393	x	x	x	x	x	x	x
T-JOINT	4"	Y3394	x	x	x	x	x	x	x
DUCT END	4"	Y3395	x	x	x	x	x	x	x
FALT WALL ESCUTCHEON	4"	Y3396	x	x	x	x	x	x	x
WALL PENETRATION COVER	4"	Y3399	x	x	x	x	x	x	x
MOUNT BLOCK (WHITE)	QTY (2) - 14"	Y3397	x	x	x	x	x	x	x
MOUNT BLOCK (WHITE)	QTY (2) - 36"	Y3398	x	x	x	x	x	x	x



1-800-448-5872

All specifications and illustrations subject to change without notice and without incurring obligations.