DEPLUS

AIR HANDLER



DEPLUSWORLD
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ABOUT DEPLUS AIR HANDLERS

DEPLUS air handlers are built to deliver powerful performance, quiet operation, and long-lasting durability. Designed for versatility and easy installation, our systems ensure year-round comfort in every environment.



MAX. DIFFERENCE IN LEVEL	MAX. REFRIGERANT PIPE LENGTH	COOLING RANGE	HEATING RANGE
65FT	**150FT**	**54°F ~ 126°F**	**14°F ~ 90°F**

ABOUT DEPLUS AIR HANDLER

HIGH EFFICIENCY
Advanced airflow design maximizes performance while reducing energy consumption.

QUIET COMFORT
Engineered for low sound levels and smoother operation.

DURABLE CONSTRUCTION
Heavy-gauge steel cabinet with corrosion-resistant coating.

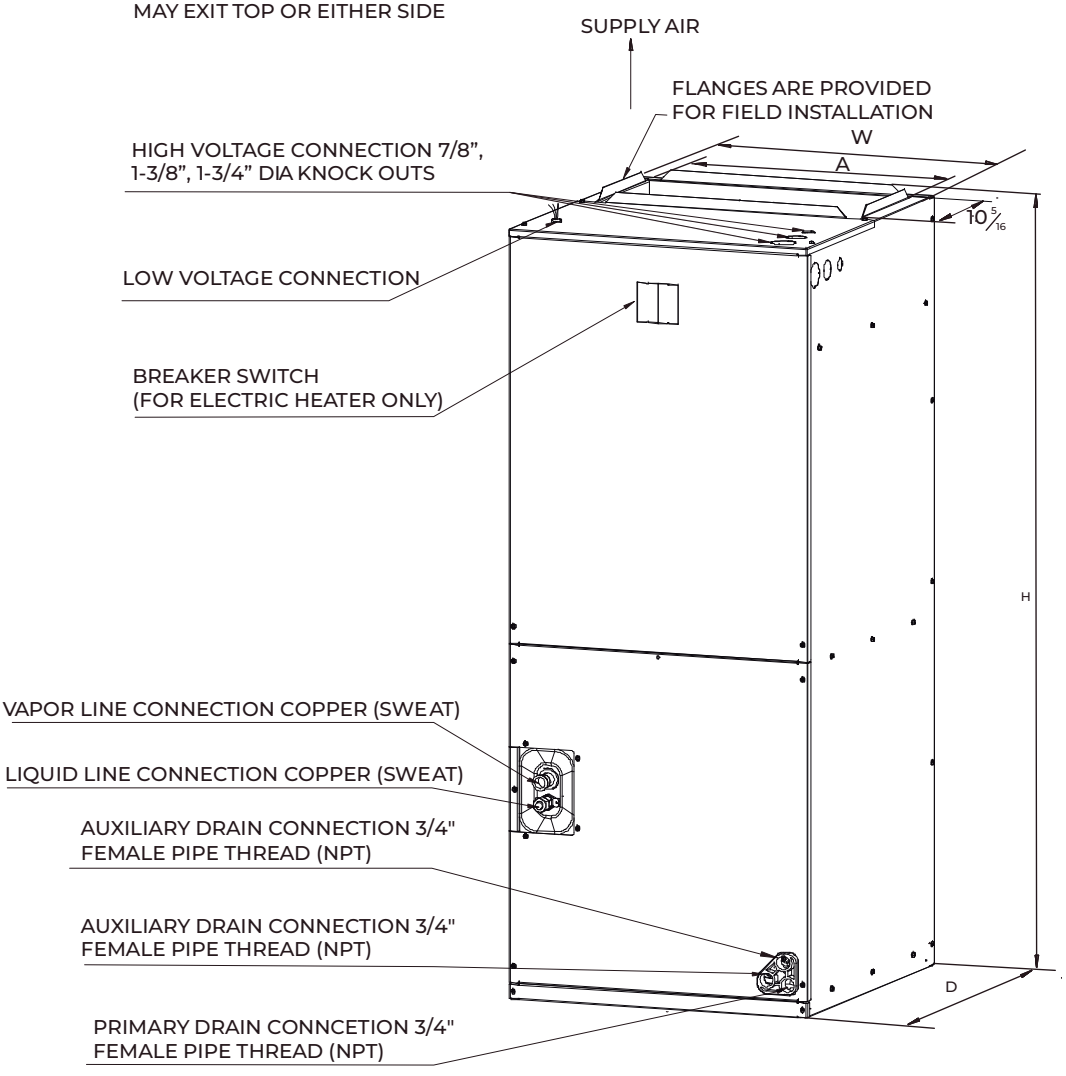
FLEXIBLE INSTALLATION
Multi-position installation (upflow, downflow or horizontal).

EASY MAINTENANCE
Tool-less filter access for quick and easy maintenance.



SPECIFICATIONS

NOTE: 25” CLEARANCE IS REQUIRED I THE FRONT
OF THE UNIT FOR FILTER AND COIL MAINTENANCE.



UPFLOW UNIT SHOWN;
UNIT MAY BE INSTALLED UPFLOW, DOWNFLOW,
HORIZONTAL RIGHT OR LEFT AIR SUPPLY.

PRODUCT LINE

DEPLUS OUTDOOR UNITS



DP-AH18SMR4

1.5 TON



DP-AH24SMR4

2 TON



DP-AH30SUMR4

2.5 TON



DP-AH36UMR4

3 TON



DP-AH42UMR4

3.5 TON



DP-AH48UMR4

4 TON



DP-AH60UMR4

5 TON

TECHNICAL SPECIFICATIONS

MODEL			DP-AH18SMR4	DP-AH24SMR4	DP-AH30SUMR4	DP-AH36UMR4	DP-AH42UMR4	DP-AH48UMR4	DP-AH60UMR4
Cooling Capacity (BTU/h)			18K	24K	30K	36K	42K	48K	60K
Voltage- Phase			208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1
MCA (A)			2.1A	2.4A	4.5A	4.5A	7.2A	7.2A	7.2A
MOP (A)			3A	3A	6A	6A	10A	10A	10A
Dimension W" D" H"			 19-2/3 22 45-3/4	 19-2/3 22 45-3/4	 19-2/3 22 45-3/4	 19-2/3 22 45-3/4	 19-2/3 22 45-3/4	 22 4-1/2 53-1/8	 22 4-1/2 53-1/8
Service Valve Liquid" Suction"			 3/8 3/4	 3/8 3/4	 3/8 3/4	 3/8 3/4	 3/8 3/4	 3/8 7/8	 3/8 7/8
dBs1			53	53	53	55	54	57	57
Ship Weight (lbs)			134	143	143	143	143	190	190
Loading Capacity 40HQ			144	144	144	144	144	54	54
Power Supply			208-230V/1N/60Hz	208-230V/1N/60Hz	208-230V/1N/60Hz	208-230V/1N/60Hz	208-230V/1N/60Hz	208-230V/1N/60Hz	208-230V/1N/60Hz
MCA		V-Ph-HZ	2.1	2.4	4.5	4.5	7.2	7.2	7.2
MOP		AMPS	3	3	6	6	10	10	10
	Type	AMPS	PSC	PSC	ECM	ECM	ECM	ECM	ECM
Motor	Capacitor		6	10	/	/	/	/	/
	Rated HP	uF	1/4	1/3	1/2	1/2	3/4	3/4	3/4
	Rated RPM		830	910	960	1000	1040	1010	1010
Indoor Fan	Diameter	r/min	11	11	11	11	11	11	11
	Height	inch	11	11	11	11	11	11	11
Indoor Coil Type		inch	Φ7 mm inner grooved copper tube and hydrophilic aluminum fin			Φ7 mm inner grooved copper tube and hydrophilic aluminum fin			
Indoor Air Flow			580	800	980	1150	1280	1580	1570
Sound Pressure Level		dB(A)	53	53	53	55	54	57	57
Refrigerant leakage sensor			installed	installed	installed	installed	installed	installed	installed
Indoor Unit	Dimension (WxHxD)	inch	19-2/3x45-3/4x22	19-2/3x45-3/4x22	19-2/3x45-3/4x22	19-2/3x45-3/4x22	19-2/3x45-3/4x22	22x53-1/8x24	22x53-1/8x24
	Paking (WxHxD)	inch	22-5/6x47-5/8x25-3/5	22-5/6x47-5/8x25-3/5	22-5/6x47-5/8x25-3/5	22-5/6x47-5/8x25-3/5	22-5/6x47-5/8x25-3/5	28x54-3/4x25-1/5	28x54-3/4x25-1/5
	Net / Gross weight	lbs	123/134	132/143	132/143	132/143	132/143	176/190	176/190
Refrigerant Control			Orifice	Orifice	Orifice	Orifice	Orifice	Orifice	Orifice
Refrigerant Connection Valve	Liquid Side	inch	3/8	3/8	3/8	3/8	3/8	3/8	3/8
	Gas Side	inch	3/4	3/4	3/4	3/4	3/4	7/8	7/8
Shipping per SDT40HQ			144	144	144	144	144	80	80

- Variable-speed ECM indoor blower motor
- Multi-position installation: upflow, downflow or horizontal
- Foil-faced insulation covers the internal casing to reduce cabinet condensation
- 5 kW-20 kW electric heater kits
- Tool-less filter access