

A refined solution

Redesigned for today's demanding commercial applications, our innovative package rooftop product line is packed with smart thinking—like high-quality critical components, lean manufacturing processes and robust design features—including the strengthened, solid, single-piece top, durable panels, plus Scroll™ compressor technology.



Defy your limits

Daikin Package System MPS007 / MPS010



High-Efficiency

It's innovative engineering delivers easy replacement, installability and smart serviceability, plus industry-leading efficiencies for uptime dependability in a wide range of rooftop environments. The MPS007 and MPS010 also improve energy savings of over 30% when compared to current baseline technology—translating into savings of thousands of dollars over the life of the equipment.



Scroll compressor with single stage cooling.



Cooling operation up to 125°F ambient.



Convertible airflow – vertical down flow or horizontal side flow.

Condenser Fans

The condenser fans motors can easily be accessed and maintained through the top of the unit. The polarized plug connection allows the motor to be changed quickly and eliminates the need to snake wires through the unit.



Blower Assembly

Removing three screws provides full access to the blower compartment. Inside the Qwik-Slide Blower Assembly is incredibly easy to access and remove. This makes servicing internal components such as blower motor, TXV, and microchannel coil much easier.

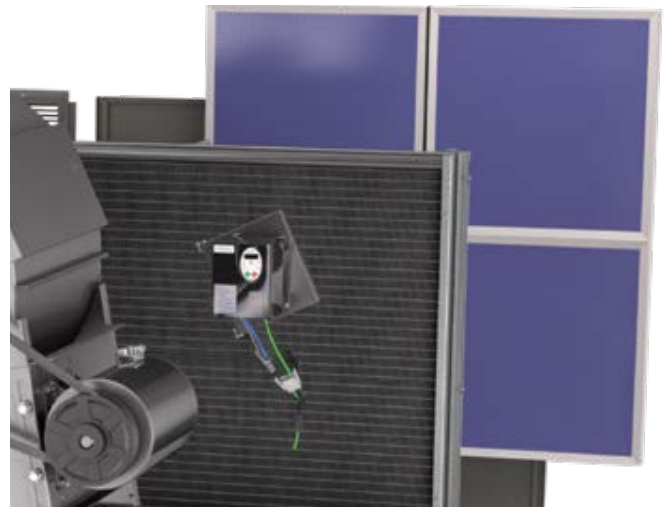


Compressor

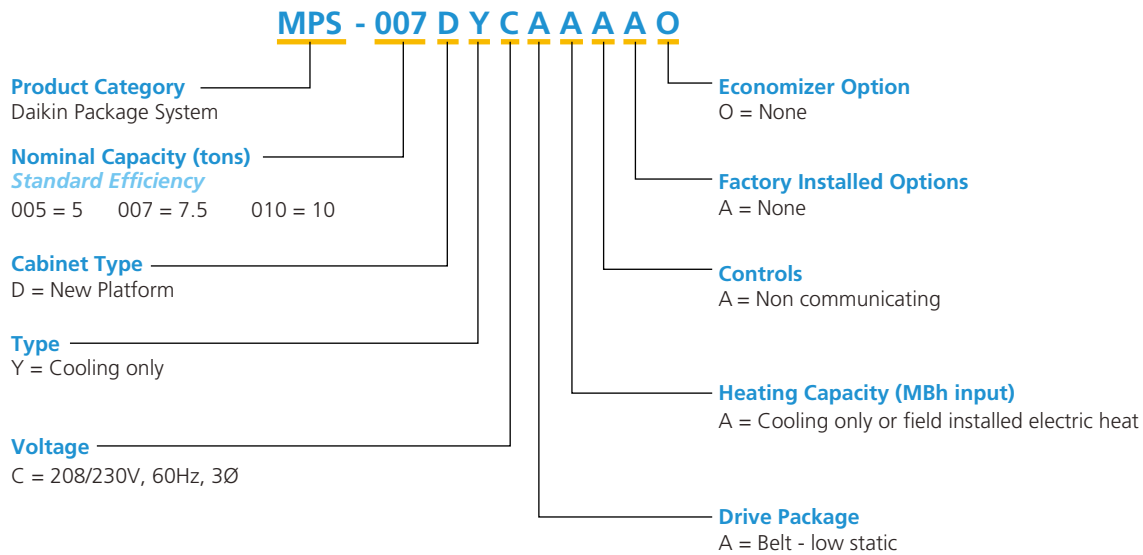
The compressor compartment houses the heartbeat of the unit. The scroll compressor is known for its long life and for reliable, quiet, and efficient operation. The suction and discharge lines are designed with shock loops to absorb the strain and stress that the starting torque, steady state operation, and shut-down cycle impose on the refrigerant tubing.

Filter Rack

Located within the filter compartment, the Qwik-Change Flex-Fit Rack allows easy changeover between 2" and 4" standard size and readily available filters.



Nomenclature



Nom. sizes 7-10 tons

Model	MPS007	MPS010
Cooling Performance		
Gross Cooling Capacity <i>Btu [kW]</i>	88,000 [25.78]	118,000 [34.57]
EER/SEER	11.2/NA	11.2/NA
Nominal CFM/AHRI Rated <i>CFM [L/S]</i>	3000/3175 [1416/1498]	4000/3480 [1888/1642]
AHRI Net Cooling Capacity <i>Btu [kW]</i>	85,000 [24.9]	114,000 [33.4]
Net Sensible Capacity <i>Btu [kW]</i>	62,700 [18.37]	80,600 [23.62]
Net Latent Capacity <i>Btu [kW]</i>	22,300 [6.53]	33,400 [9.79]
IEER	12.9	12.9
Net System Power <i>kW</i>	7.53	9.86
Compressor		
No./Type	1/Scroll	1/Scroll
No. Stages	1	1
Outdoor Sound Rating (dB)		
	88	88
Outdoor Coil - Fin Type		
Tube Type	MicroChannel	MicroChannel
MicroChannel Depth <i>in. [mm]</i>	0.71 [18]	1 [25.4]
Face Area <i>sq. ft. [mm]</i>	25.4 [2.36]	25.6 [2.38]
Rows / FPI [FPcm]	1/23 [9]	1/23 [9]
Indoor Coil - Fin Type		
Tube Type	MicroChannel	MicroChannel
MicroChannel Depth <i>in. [mm]</i>	1 [25.4]	1.26 [32]
Face Area <i>sq. ft. [mm]</i>	11 [1.02]	10.9 [1.01]
Rows / FPI [FPcm]	1/20 [8]	1/20 [8]
Refrigerant Control	TX Valves	TX Valves

Model	MPS007	MPS010
Drain Connection No./Size <i>in. [mm]</i>	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan - Type		
	Propeller	Propeller
No. Used/Diameter <i>in. [mm]</i>	1/15x15 [381x381]	2/24 [609.6]
Drive Type / No. Speeds	Direct/1	Direct/1
CFM <i>[L/s]</i>	8000 [3775]	8500 [4011]
No. Motors/HP	2 at 1/5 HP	2 at 1/3 HP
Motor RPM	820	1075
Motor Frame Size	56	56
Indoor Fan - Type		
	FC Centrifugal	FC Centrifugal
No. Used/Diameter <i>in. [mm]</i>	1/15x15 [381x381]	1/15x15 [381x381]
Drive Type	Belt (Adjustable)	Belt (Adjustable)
No. Speeds	Single	Single
No. Motors	1	1
Motor RPM	820	1075
Motor Frame Size	56	56
Filter - Type		
	Disposable	Disposable
Furnished	Yes	Yes
(NO.) Size Recommended <i>in. [mm x mm x mm]</i>	(4)2x20x20 [51x508x508]	(4)2x20x20 [51x508x508]
Refrigerant Charge <i>Oz. (g)</i>	100 [2835]	136 [3856]
Weights		
Net Weight <i>lbs. [kg]</i>	736 [334]	791 [359]
Ship Weight <i>lbs. [kg]</i>	775 [352]	830 [376]

Cooling Performance Data / MPS007

Entering Indoor Air @ 80°F (26.7 °C) dbE*																
wbE		71°F (21.7°C)			67°F (19.4°C)			63°F (17.2°C)			61°F (16.1°C)			59°F (15°C)		
CFM [L/s]		4800 [2265]	3480 [1642]	3200 [1510]	4800 [2265]	3480 [1642]	3200 [1510]	4800 [2265]	3480 [1642]	3200 [1510]	4800 [2265]	3480 [1642]	3200 [1510]	4800 [2265]	3480 [1642]	3200 [1510]
DR		0.03	-0.03	-0.05	0.03	-0.03	-0.05	0.03	-0.03	-0.05	0.03	-0.03	-0.05	0.03	-0.03	-0.05
75 [23.9]	Total BTUH [kW]	108.5 [31.8]	105.9 [60.0]	101.2 [29.6]	102.8 [30.1]	100.4 [29.4]	95.9 [28.1]	98.8 [29.0]	96.5 [28.3]	92.2 [27.0]	97.7 [28.6]	95.3 [27.9]	91.1 [26.7]	97.2 [28.5]	94.9 [27.8]	90.7 [26.6]
	Total BTUH [kW]	63.7 [18.7]	60.0 [17.6]	53.1 [15.6]	76.4 [22.4]	71.9 [21.1]	63.7 [18.7]	86.7 [25.4]	81.6 [23.9]	72.3 [21.2]	90.7 [26.6]	85.3 [25.0]	75.6 [22.2]	93.5 [27.4]	88.0 [25.8]	78.0 [22.8]
	Power	5.5	5.4	5.3	5.5	5.4	5.3	5.4	5.3	5.2	5.4	5.3	5.2	5.4	5.3	5.2
80 [26.7]	Total BTUH [kW]	105.8 [31.0]	103.3 [30.3]	98.7 [28.9]	100.2 [29.4]	97.8 [28.7]	93.5 [27.4]	96.2 [28.2]	93.9 [27.5]	89.7 [26.3]	95.0 [27.8]	92.8 [27.2]	88.7 [26.0]	94.6 [27.7]	92.3 [27.1]	88.2 [25.9]
	Total BTUH [kW]	62.6 [18.3]	58.9 [17.3]	52.2 [15.3]	75.2 [22.0]	70.8 [20.7]	62.7 [18.4]	85.6 [25.1]	80.5 [23.6]	71.4 [20.9]	89.5 [26.2]	84.2 [24.7]	74.6 [21.9]	92.3 [27.1]	86.9 [25.5]	77.0 [22.6]
	Power	5.8	5.7	5.6	5.7	5.6	5.5	5.7	5.6	5.5	5.6	5.6	5.5	5.6	5.5	5.4
85 [29.4]	Total BTUH [kW]	103.1 [30.2]	100.6 [29.5]	96.1 [28.2]	97.5 [28.6]	95.1 [27.9]	90.9 [26.6]	93.4 [27.4]	91.2 [26.7]	87.2 [25.5]	92.3 [27.0]	90.1 [26.4]	86.1 [25.2]	91.8 [26.9]	89.7 [26.3]	85.7 [25.1]
	Total BTUH [kW]	61.3 [18.0]	57.7 [16.9]	51.1 [15.0]	73.9 [21.7]	69.6 [20.4]	61.6 [18.1]	84.3 [24.7]	79.3 [23.2]	70.3 [20.6]	88.2 [25.8]	83.0 [24.3]	73.6 [21.6]	91.0 [26.7]	85.7 [25.1]	75.9 [22.3]
	Power	6.0	6.0	5.8	6.0	5.9	5.8	5.9	5.9	5.7	5.9	5.8	5.7	5.9	5.8	5.7
90 [32.2]	Total BTUH [kW]	100.2 [29.4]	97.8 [28.7]	93.5 [27.4]	94.6 [27.7]	92.3 [27.1]	88.2 [25.9]	90.6 [26.5]	88.4 [25.9]	84.5 [24.8]	89.4 [26.2]	87.3 [25.6]	83.4 [24.4]	89.0 [26.1]	86.8 [25.4]	83.0 [24.3]
	Total BTUH [kW]	59.9 [17.5]	56.3 [16.5]	49.9 [14.6]	72.5 [21.2]	68.2 [20.0]	60.5 [17.7]	82.9 [24.3]	78.0 [22.9]	69.1 [20.3]	86.8 [25.4]	81.7 [23.9]	72.4 [21.2]	89.0 [26.1]	84.4 [24.7]	74.7 [21.9]
	Power	6.3	6.3	6.1	6.3	6.2	6.1	6.2	6.2	6.0	6.2	6.1	6.0	6.2	6.1	6.0
95 [35]	Total BTUH [kW]	97.2 [28.5]	94.9 [27.8]	90.7 [26.6]	91.6 [26.8]	89.4 [26.2]	85.4 [25.0]	87.6 [25.7]	85.5 [25.0]	81.7 [23.9]	86.4 [25.3]	84.3 [24.7]	80.6 [23.6]	85.9 [25.2]	83.9 [24.6]	80.2 [23.5]
	Total BTUH [kW]	58.3 [17.1]	54.9 [16.1]	48.6 [14.3]	71.0 [20.8]	66.8 [19.6]	59.2 [17.3]	81.3 [23.8]	76.5 [22.4]	67.8 [19.9]	85.3 [25.0]	80.2 [23.5]	71.1 [20.8]	85.9 [25.2]	82.9 [24.3]	73.5 [21.5]
	Power	6.7	6.6	6.4	6.6	6.5	6.4	6.6	6.5	6.4	6.5	6.5	6.3	6.5	6.4	6.3
100 [37.8]	Total BTUH [kW]	94.0 [27.6]	91.8 [26.9]	87.7 [25.7]	88.4 [25.9]	86.3 [25.3]	82.5 [24.7]	84.4 [24.7]	82.4 [24.2]	78.8 [23.1]	83.3 [24.4]	81.3 [23.8]	77.7 [23.8]	82.8 [24.3]	80.9 [23.7]	77.3 [22.6]
	Total BTUH [kW]	56.7 [16.6]	53.3 [15.6]	47.3 [13.8]	69.3 [20.3]	65.2 [19.1]	57.8 [16.9]	79.7 [23.3]	75.0 [22.0]	66.4 [19.5]	83.3 [24.4]	78.7 [23.1]	69.7 [20.4]	82.8 [24.3]	80.9 [23.7]	72.1 [21.1]
	Power	7.0	6.9	6.8	7.0	6.9	6.7	6.9	6.8	6.7	6.9	6.8	6.7	6.9	6.8	6.6
105 [40.6]	Total BTUH [kW]	90.8 [26.6]	88.6 [26.0]	84.7 [24.8]	85.2 [25.0]	83.2 [24.4]	79.5 [23.3]	81.2 [23.8]	79.2 [23.2]	75.7 [22.2]	80.0 [23.4]	78.1 [22.9]	74.6 [21.9]	79.6 [23.3]	77.7 [22.8]	74.2 [21.8]
	Total BTUH [kW]	54.9 [16.1]	51.6 [15.1]	45.8 [13.4]	67.5 [19.8]	63.5 [18.6]	56.3 [16.5]	77.9 [22.8]	73.3 [21.5]	64.9 [19.0]	80.0 [23.4]	77.0 [22.6]	68.2 [20.0]	79.6 [23.3]	77.7 [22.8]	70.6 [20.7]
	Power	7.4	7.3	7.1	7.3	7.3	7.1	7.3	7.2	7.1	7.3	7.2	7.0	7.3	7.2	7.0
110 [43.3]	Total BTUH [kW]	87.4 [25.6]	85.3 [25.0]	81.6 [23.9]	81.8 [24.0]	79.9 [23.4]	76.3 [22.4]	77.8 [22.8]	75.9 [22.3]	72.6 [21.3]	76.6 [22.5]	74.8 [21.9]	71.5 [20.9]	76.2 [22.3]	74.4 [21.8]	71.1 [20.8]
	Total BTUH [kW]	52.9 [15.5]	49.8 [14.6]	44.2 [12.9]	65.6 [19.2]	61.7 [18.1]	54.7 [16.0]	75.9 [22.3]	71.5 [20.9]	63.3 [18.6]	76.6 [22.5]	74.8 [21.9]	66.6 [19.5]	76.2 [22.3]	74.4 [21.8]	69.0 [20.2]
	Power	7.8	7.7	7.5	7.7	7.7	7.5	7.7	7.6	7.4	7.7	7.6	7.4	7.7	7.6	7.4
115 [46.1]	Total BTUH [kW]	83.9 [24.6]	81.9 [24.0]	78.3 [22.9]	78.3 [22.9]	76.4 [22.4]	73.1 [21.4]	74.3 [21.8]	72.5 [21.3]	69.3 [20.3]	73.1 [21.4]	71.4 [20.9]	68.2 [20.0]	72.7 [21.3]	71.0 [20.8]	67.8 [19.9]
	Total BTUH [kW]	50.9 [14.9]	47.9 [14.0]	42.4 [12.4]	63.5 [18.6]	59.8 [17.5]	53.0 [15.5]	73.9 [21.7]	69.5 [20.4]	61.6 [18.1]	73.1 [21.4]	71.4 [20.9]	64.9 [19.0]	72.7 [21.3]	71.0 [20.8]	67.3 [19.7]
	Power	8.2	8.1	7.9	8.2	8.1	7.9	8.1	8.0	7.9	8.1	8.0	7.8	8.1	8.0	7.8
120 [48.9]	Total BTUH [kW]	80.3 [23.5]	78.4 [23.0]	74.9 [22.0]	74.7 [21.9]	72.9 [21.4]	69.7 [20.4]	70.7 [20.7]	69.0 [20.2]	65.9 [19.3]	69.5 [20.4]	67.9 [19.9]	64.8 [19.0]	69.1 [20.2]	67.4 [19.8]	64.4 [18.9]
	Total BTUH [kW]	48.7 [14.3]	45.8 [13.4]	40.6 [11.9]	61.3 [18.0]	57.7 [16.9]	51.2 [15.0]	70.7 [20.7]	67.5 [19.8]	59.8 [17.5]	69.5 [20.4]	67.9 [19.9]	63.1 [18.5]	69.1 [20.2]	67.4 [19.8]	64.4 [18.9]
	Power	8.7	8.6	8.4	8.6	8.5	8.3	8.6	8.5	8.3	8.6	8.5	8.3	8.5	8.4	8.2
125 [51.7]	Total BTUH [kW]	76.5 [22.4]	74.7 [21.9]	71.4 [20.9]	70.9 [20.8]	69.3 [20.3]	66.2 [19.4]	66.9 [19.6]	65.3 [19.1]	62.4 [18.3]	65.8 [19.3]	64.2 [18.8]	61.3 [18.0]	65.3 [19.1]	63.8 [18.7]	60.9 [17.9]
	Total BTUH [kW]	46.4 [13.6]	43.7 [12.8]	38.7 [11.3]	59.0 [17.3]	55.6 [16.3]	49.2 [14.4]	66.9 [19.6]	65.3 [19.1]	57.9 [17.0]	65.8 [19.3]	64.2 [18.8]	61.2 [17.9]	65.3 [19.1]	63.8 [18.7]	60.9 [17.9]
	Power	9.1	9.0	8.8	9.1	9.0	8.8	9.0	8.9	8.8	9.0	8.9	8.7	9.0	8.9	8.7

DR -Depression ratio
dbE -Entering air dry bulb
wbE -Entering air wet bulb

Total - Total capacity x 1000 BTUH
Sens -Sensible capacity x 1000 BTUH
Power -KW input

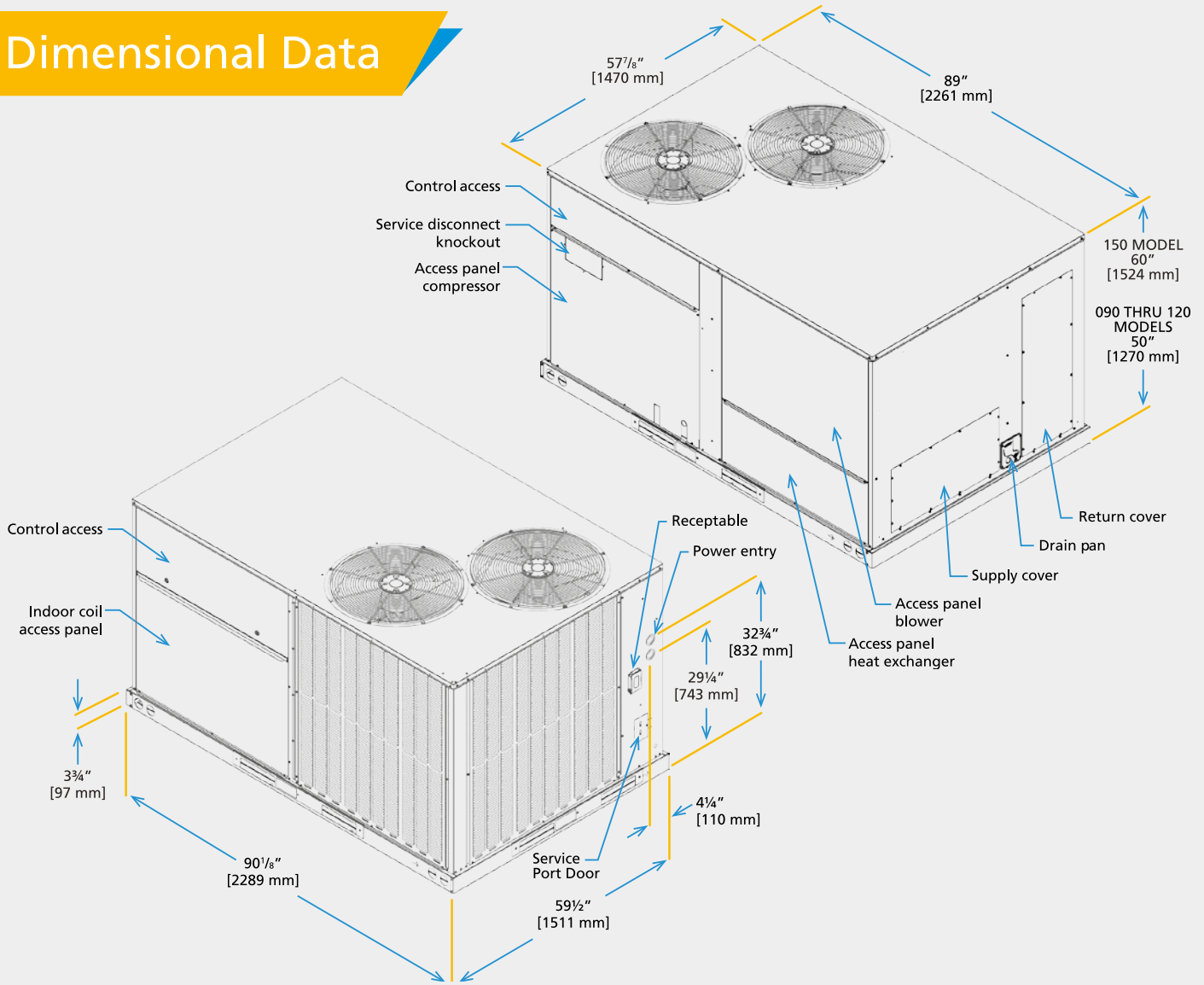
[] Designates Metric Conversions

Cooling Performance Data / MPS010

Entering Indoor Air @ 80°F (26.7 °C) dbE*																	
wbE		71°F (21.7°C)			67°F (19.4°C)			63°F (17.2°C)			61°F (16.1°C)			59°F (15°C)			
CFM [L/s]		4800 [2265]	3480 [1642]	3200 [1510]	4800 [2265]	3480 [1642]	3200 [1510]	4800 [2265]	3480 [1642]	3200 [1510]	4800 [2265]	3480 [1642]	3200 [1510]	4800 [2265]	3480 [1642]	3200 [1510]	
DR		0.03	-0.03	-0.05	0.03	-0.03	-0.05	0.03	-0.03	-0.05	0.03	-0.03	-0.05	0.03	-0.03	-0.05	
Outdoor dry bulb temperature °F [°C]	75 [23.9]	Total BTUH [kW]	158.0 [46.3]	147.8 [43.3]	145.6 [42.7]	150.4 [44.1]	140.7 [41.2]	138.6 [40.6]	145.2 [42.6]	135.8 [39.8]	133.9 [39.2]	143.9 [42.2]	134.7 [39.5]	132.7 [38.9]	143.8 [42.1]	134.5 [39.4]	132.6 [38.8]
		Total BTUH [kW]	101.3 [29.7]	86.1 [25.2]	82.8 [24.3]	120.6 [35.3]	102.4 [30.0]	98.6 [28.9]	138.3 [40.5]	117.5 [34.4]	113.1 [33.1]	143.9 [42.2]	124.3 [36.4]	119.6 [35.1]	143.8 [42.1]	130.4 [38.2]	125.5 [36.8]
		Power	7.5	7.3	7.2	7.4	7.2	7.1	7.3	7.1	7.1	7.3	7.1	7.0	7.3	7.0	7.0
	80 [26.7]	Total BTUH [kW]	153.2 [44.9]	143.4 [42.0]	141.3 [41.4]	145.6 [42.7]	136.2 [39.9]	134.2 [39.3]	140.5 [41.2]	131.4 [38.5]	129.5 [37.9]	139.2 [40.8]	130.2 [38.2]	128.3 [37.6]	139.1 [40.8]	130.1 [38.1]	128.2 [37.6]
		Total BTUH [kW]	98.8 [29.0]	84.0 [24.6]	80.8 [23.7]	118.1 [34.6]	100.3 [29.4]	96.6 [28.3]	135.9 [39.8]	115.4 [33.8]	111.1 [32.6]	139.2 [40.8]	122.2 [35.8]	117.6 [34.5]	139.1 [40.8]	128.3 [37.6]	123.4 [36.2]
		Power	8.0	7.7	7.6	7.9	7.6	7.6	7.8	7.5	7.5	7.7	7.5	7.4	7.7	7.4	7.4
	85 [29.4]	Total BTUH [kW]	148.5 [43.5]	138.9 [40.7]	136.9 [40.1]	140.9 [41.3]	131.8 [38.6]	129.9 [38.1]	135.8 [39.8]	127.0 [37.2]	125.1 [36.7]	134.5 [39.4]	125.8 [36.9]	124.0 [36.3]	134.4 [39.4]	125.7 [36.8]	123.9 [36.3]
		Total BTUH [kW]	96.3 [28.2]	81.8 [24.0]	78.8 [23.1]	115.6 [33.9]	98.2 [28.8]	94.5 [27.7]	133.3 [39.1]	113.3 [33.2]	109.0 [32.0]	134.5 [39.4]	120.1 [35.2]	115.6 [33.9]	134.4 [39.4]	125.7 [36.8]	121.4 [35.6]
		Power	8.4	8.1	8.1	8.3	8.0	8.0	8.2	8.0	7.9	8.2	7.9	7.9	8.1	7.9	7.8
	90 [32.2]	Total BTUH [kW]	143.8 [42.1]	134.5 [39.4]	132.6 [38.8]	136.2 [39.9]	127.4 [37.3]	125.5 [36.8]	131.1 [38.4]	122.6 [35.9]	120.8 [35.4]	129.8 [38.0]	121.4 [35.6]	119.6 [35.1]	129.7 [38.0]	121.3 [35.5]	119.5 [35.0]
		Total BTUH [kW]	93.8 [27.5]	79.7 [23.3]	76.7 [22.5]	113.0 [33.1]	96.0 [28.1]	92.4 [27.1]	130.8 [38.3]	111.1 [32.6]	106.9 [31.3]	129.8 [38.0]	117.9 [34.5]	113.5 [33.3]	129.7 [38.0]	121.3 [35.5]	119.3 [35.0]
		Power	8.9	8.6	8.5	8.8	8.5	8.5	8.7	8.4	8.4	8.7	8.4	8.3	8.6	8.3	8.3
95 [35]	Total BTUH [kW]	139.1 [40.8]	130.2 [38.1]	128.2 [37.6]	131.5 [38.5]	123.0 [36.1]	121.2 [35.5]	126.4 [37.0]	118.2 [34.6]	116.5 [34.1]	125.1 [36.7]	117.0 [34.3]	115.3 [33.8]	125.0 [36.6]	116.9 [34.3]	115.2 [33.8]	
	Total BTUH [kW]	91.2 [26.7]	77.5 [22.7]	74.6 [21.8]	110.4 [32.4]	93.8 [27.5]	90.3 [26.5]	126.4 [37.0]	108.9 [31.9]	104.8 [30.7]	125.1 [36.7]	115.7 [33.9]	111.3 [32.6]	125.0 [36.6]	116.9 [34.3]	115.2 [33.8]	
	Power	9.4	9.1	9.0	9.3	9.0	9.0	9.2	8.9	8.9	9.2	8.9	8.8	9.1	8.8	8.8	
100 [37.8]	Total BTUH [kW]	134.5 [39.4]	125.8 [36.9]	123.9 [36.3]	126.8 [37.2]	118.7 [34.3]	116.9 [34.3]	121.7 [35.7]	113.8 [33.4]	112.2 [32.9]	120.4 [35.3]	112.7 [33.0]	111.0 [32.5]	120.3 [35.3]	112.5 [33.0]	110.9 [32.5]	
	Total BTUH [kW]	88.5 [25.9]	75.2 [22.0]	72.2 [21.2]	107.8 [31.6]	88.1 [25.8]	88.1 [25.8]	121.7 [35.7]	106.7 [31.3]	102.7 [30.1]	120.4 [35.3]	112.7 [33.0]	109.2 [32.0]	120.3 [35.3]	112.5 [33.0]	110.9 [32.5]	
	Power	10.0	9.6	9.6	9.9	9.5	9.5	9.8	9.5	9.4	9.7	9.4	9.3	9.7	9.4	9.3	
105 [40.6]	Total BTUH [kW]	129.8 [38.0]	121.4 [35.6]	119.6 [35.1]	122.2 [35.8]	114.3 [33.5]	112.6 [33.0]	117.0 [34.3]	109.5 [32.1]	107.9 [31.6]	115.8 [33.9]	108.3 [31.7]	106.7 [31.3]	115.6 [33.9]	108.2 [31.7]	106.6 [31.2]	
	Total BTUH [kW]	85.9 [25.2]	73.0 [21.4]	70.2 [20.6]	105.1 [30.8]	89.3 [26.2]	86.0 [25.2]	117.0 [34.3]	104.4 [30.6]	100.5 [29.4]	115.8 [33.9]	108.3 [31.7]	106.7 [31.3]	115.6 [33.9]	108.2 [31.7]	106.6 [31.2]	
	Power	10.5	10.2	10.1	10.1	10.1	10.0	10.4	10.0	10.0	10.3	10.0	9.9	10.3	9.9	9.9	
110 [43.3]	Total BTUH [kW]	125.1 [36.7]	117.1 [34.3]	115.4 [33.8]	117.5 [34.4]	109.9 [32.2]	108.3 [31.7]	112.4 [32.9]	105.1 [30.8]	103.6 [30.4]	111.1 [32.6]	104.0 [30.5]	102.4 [30.0]	111.0 [32.5]	103.8 [30.4]	102.3 [30.0]	
	Total BTUH [kW]	83.1 [24.4]	70.6 [20.7]	68.0 [19.9]	102.4 [30.0]	87.0 [25.5]	83.7 [24.5]	112.4 [32.9]	102.1 [29.9]	98.3 [28.8]	111.1 [32.6]	104.0 [30.5]	102.4 [30.0]	111.0 [32.5]	103.8 [30.4]	102.3 [30.0]	
	Power	11.2	10.8	10.7	11.1	10.7	10.6	11.0	10.5	10.5	10.9	10.6	10.5	10.9	10.5	10.5	
115 [46.1]	Total BTUH [kW]	120.5 [35.3]	112.7 [33.0]	111.1 [32.6]	112.9 [33.1]	105.6 [31.0]	104.1 [30.5]	107.8 [31.6]	100.8 [29.5]	99.3 [29.1]	105.5 [31.2]	99.6 [29.2]	98.2 [28.8]	106.4 [31.2]	99.5 [29.2]	98.0 [28.7]	
	Total BTUH [kW]	80.4 [23.6]	68.3 [20.0]	65.7 [19.3]	99.7 [29.2]	84.7 [24.8]	81.5 [23.9]	107.8 [31.6]	99.8 [29.2]	96.0 [28.1]	106.5 [31.2]	99.6 [29.2]	98.2 [28.8]	106.4 [31.2]	99.5 [29.2]	98.0 [28.7]	
	Power	11.8	11.4	11.3	11.7	11.3	11.3	11.6	11.2	11.2	11.6	11.2	11.1	11.5	11.2	11.1	
120 [48.9]	Total BTUH [kW]	115.9 [34.0]	108.4 [31.8]	106.8 [31.3]	108.3 [31.7]	101.3 [29.7]	99.8 [29.3]	103.1 [30.2]	96.5 [28.3]	95.1 [27.9]	101.9 [29.9]	95.3 [27.9]	93.9 [27.5]	101.7 [29.8]	95.2 [27.9]	93.8 [27.5]	
	Total BTUH [kW]	77.6 [22.7]	65.9 [19.3]	63.5 [18.6]	96.9 [28.4]	82.3 [24.1]	79.2 [23.2]	103.1 [30.2]	96.5 [28.3]	93.7 [27.5]	101.9 [29.9]	95.3 [27.9]	93.9 [27.5]	101.7 [29.8]	95.2 [27.9]	93.8 [27.5]	
	Power	12.5	12.1	12.0	12.4	12.0	11.9	12.3	11.9	11.8	12.3	11.9	11.8	12.2	11.8	11.7	
125 [51.7]	Total BTUH [kW]	111.3 [32.6]	104.1 [30.5]	102.6 [30.1]	103.7 [30.4]	97.0 [28.4]	95.6 [28.0]	98.5 [28.9]	92.2 [27.0]	90.3 [26.6]	97.3 [28.5]	91.0 [26.7]	89.7 [26.3]	97.1 [28.5]	90.9 [26.6]	89.5 [26.2]	
	Total BTUH [kW]	74.8 [21.9]	63.5 [18.6]	61.1 [17.9]	94.0 [27.6]	79.9 [23.4]	76.9 [22.5]	98.5 [28.9]	92.2 [27.0]	90.3 [26.6]	97.3 [28.5]	91.0 [26.7]	89.7 [26.3]	97.1 [28.5]	90.9 [26.6]	89.5 [26.2]	
	Power	13.2	12.8	12.7	13.1	12.7	12.6	13.0	12.6	12.5	13.0	12.5	12.5	12.9	12.5	12.4	

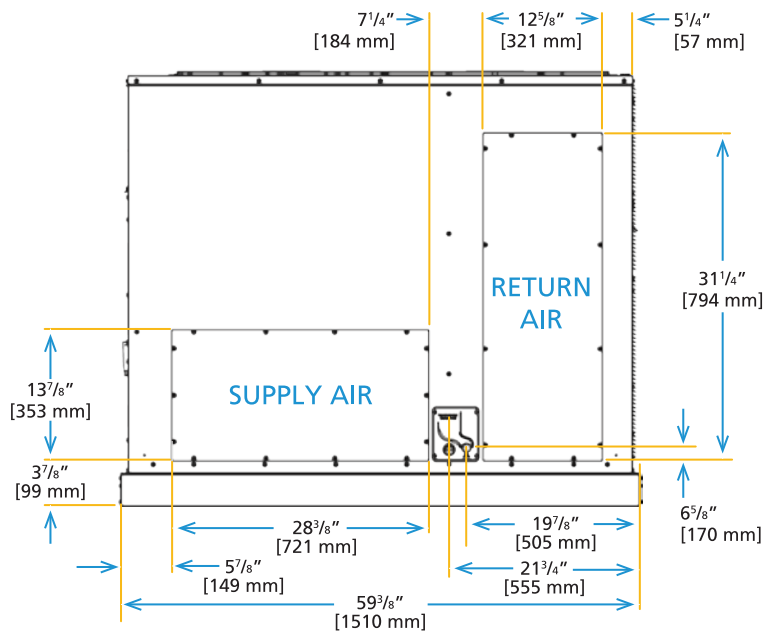
*: When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1-DR) x (dbE-80)].

Dimensional Data

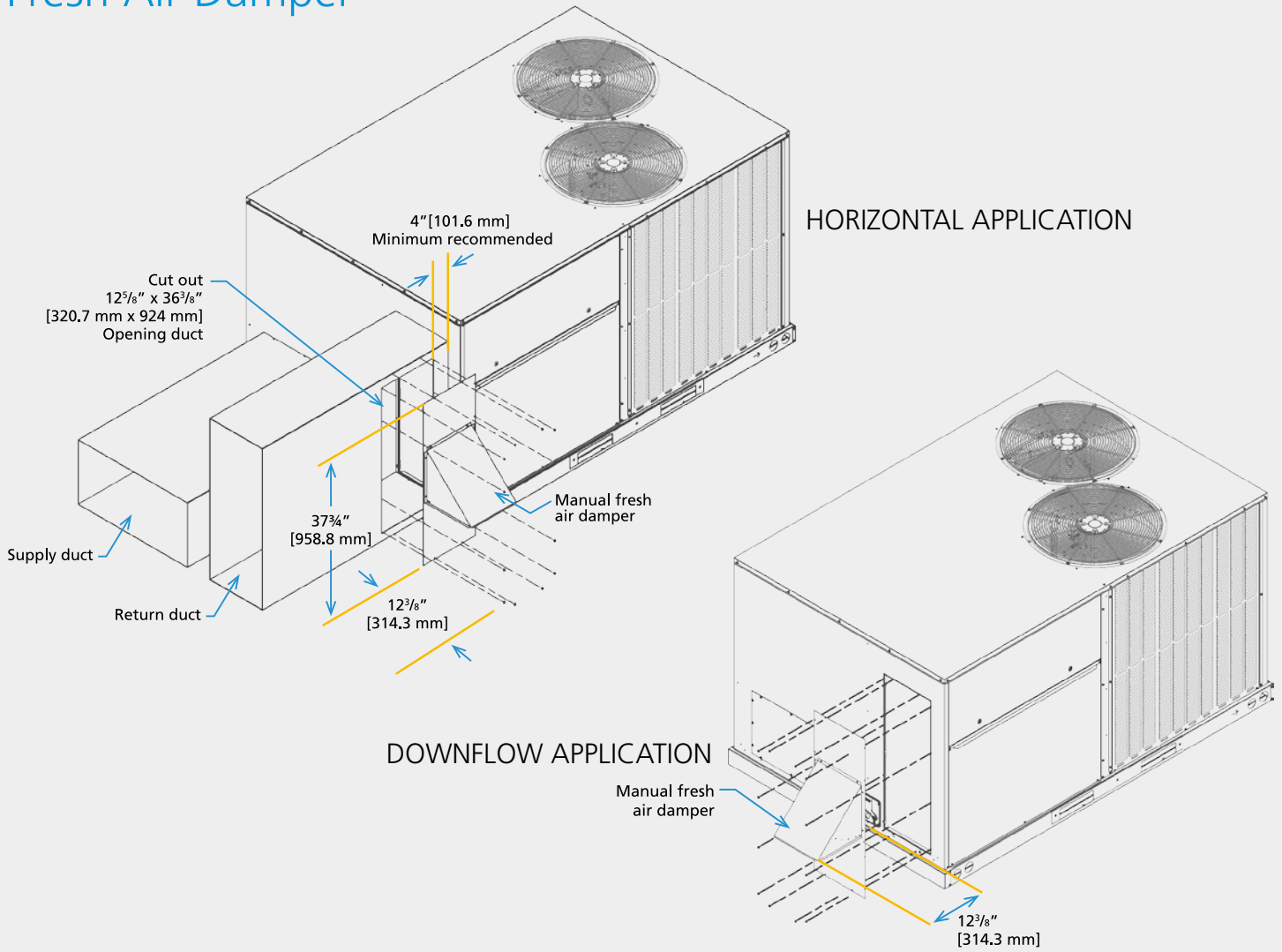


Supply and return dimensions

HORIZONTAL APPLICATION

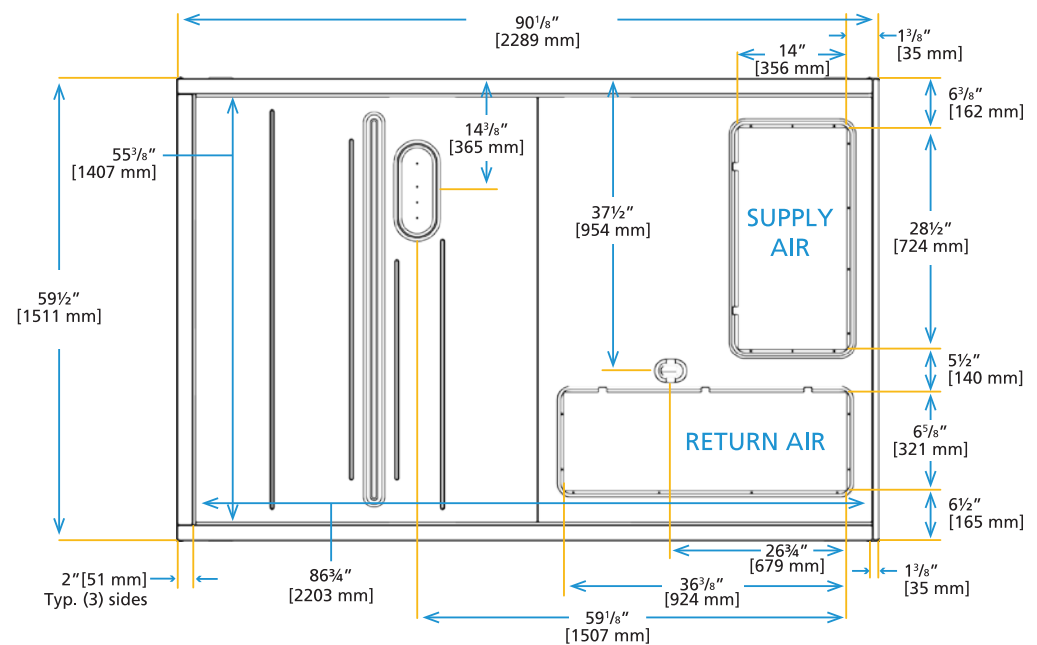


Fresh Air Damper



Supply and return dimensions

DOWNFLOW APPLICATION



Main features include:

- › Factory charged with R-410A HFC refrigerant
- › Scroll compressor with single-stage cooling, internal linebreak overload, and high pressure protection
- › Convertible airflow – vertical down flow or horizontal side flow
- › Forkable base rails for easy handling and lifting
- › Cooling operation up to 125°F ambient
- › PlusOne® Diagnostics with Dual 7-Segment LED Display
- › TXV refrigerant metering system
- › Solid-core liquid line filter drier
- › High performance belt drive motor with variable pitch pulleys and quick adjust belt system



Electrical Data

	MPS007	MPS010	
Unit Information	Unit Operating Voltage Range	187-253	187-253
	Volts	208/230	208/230
	Phase	3	3
	HZ	60	60
	Minimum Circuit Ampacity	41	48
	Minimum Overcurrent Protection Device Size	50	60
	Maximum Overcurrent Protection Device Size	60	70
Compressor Motor	No.	1	1
	Volts	208/230	208/230
	Phase	3	3
	RPM	3450	3450
	HP, Compressor 1	7	10
	Amps (RLA), Comp. 1	25	28.2
Amps (LRA), Comp. 1	164	239	

	MPS007	MPS010	
Condenser Motor	No.	2	2
	Volts	208/230	208/230
	Phase	1	1
	HP	1/5	1/3
	Amps (FLA, each)	1.2	2.4
	Amps (LRA, each)	2.3	4.7
Evaporator Fan	No.	1	1
	Volts	208/230	208/230
	Phase	3	3
	HP	2	2
	Amps (FLA, each)	6.6	7.9
	Amps (LRA, each)	47	45



Factory charged with R-410A HFC refrigerant



Certifies that the product has been tested and performs accurately and consistently.



ASHRAE 90.1-2010 Compliant
2018 DOE Efficiency Standards Compliant
2023 DOE Efficiency Standards Compliant

*Our commitment to continuous improvements can mean changes in specifications without notice.



Daikin is the world's leader in Air Conditioning. We are devoted to deliver outstanding products and innovative home, business, and industrial solutions.

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