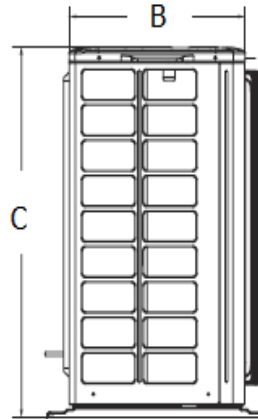
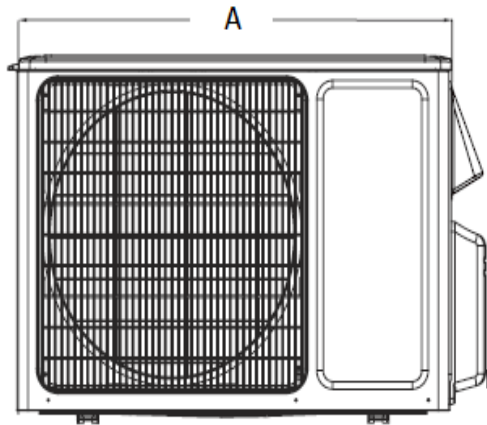


OUTDOOR UNIT DIMENSIONAL SPECIFICATIONS

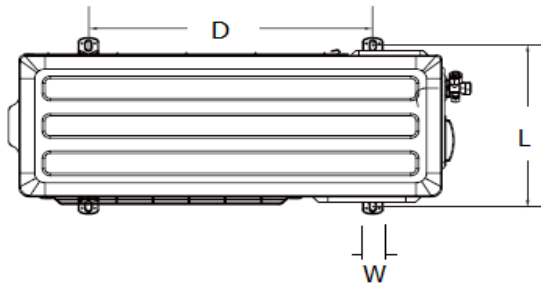
Units: inch

36,000 BTUH MODEL

Model # MULTIU36HP230V1DO 36,000 BTUH 230V



A (in)	40
B (in)	17.3
C (in)	43.5



D (in)	24.8
L (in)	16.2
W (in)	3.1

Suction/Gas Line Port Size

Port A	3/8-in OD Flared
Port B	3/8-in OD Flared
Port C	3/8-in OD Flared
Port D	3/8-in OD Flared

Weight (Net/Shipping) 280/298 lbs

Factory Supplied Piping Adapters

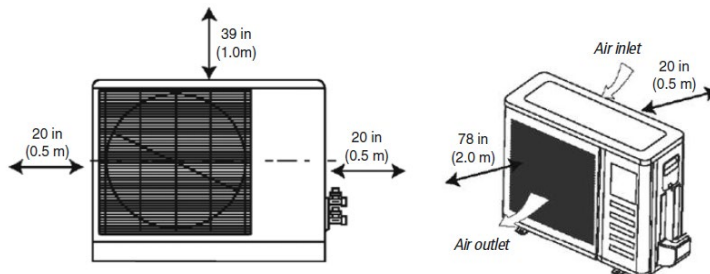
Adapter	P/N	Qty
3/8 (F) to 5/8 (M)	6654100009	3
3/8 (F) to 1/2 (M)	6654100013	4
1/4 (F) to 3/8 (M)	6654104	2

Liquid Line Port Size

Port A	1/4-in OD Flared
Port B	1/4-in OD Flared
Port C	1/4-in OD Flared
Port D	1/4-in OD Flared

MINIMUM SPACING REQUIREMENTS

Units: inch (mm)



Notes:

1. Recommended Interconnecting Cable Type: Stranded Copper Conductors THHN 600V Unshielded Wire
2. Power wiring cable size must comply with applicable national and local codes.
3. Test conditions are based on AHRI 210/240.

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EXTENDED RATINGS

SC-36Z-HH-M4

ULTRA COOL

COOLING PERFORMANCE (BtuH)*

Outdoor Ambient Temperature (DB) °F	Indoor Entering Air Temperatures					
	68F DB		73°F DB		80°F DB	
	57F WB		61°FWB		67°FWB	
	TC	SHC	TC	SHC	TC	SHC
0°F	21827	16500	22800	18000	24000	19500
5°F	21927	17196	23181	18162	25527	20029
14°F	22968	18014	24264	19023	27384	21478
23°F	25164	19740	26916	21113	30840	24188
32°F	25758	45964	27663	49363	31994	57088
41°F	23613	65750	25520	71058	29746	82822
50°F	21549	81552	23437	88695	27533	104195
59°F	30516	23933	32640	25598	35748	28029
68°F	34560	27106	36720	28795	39240	30776
77°F	34152	26790	36324	28491	38880	30497
86°F	32472	25465	34632	27166	37800	29646
95°F	30732	24103	32880	25781	36000	28236
104°F	29244	22936	31380	24614	35064	27507
113°F	27744	21757	29880	23435	33576	26328

ULTRA HEAT

HEATING PERFORMANCE (BtuH)*

Outdoor Ambient Temperature (DB)	Indoor Entering Air Temperatures								
	68°F DB			73°F DB			80°F DB		
	57°FWB			61°FWB			67°FWB		
	TC	Power Input (KW)	COP	TC	Power Input (KW)	COP	TC	Power Input (KW)	COP
-31°F	23000	5.50	1.23	24000	5.72	1.23	24500	5.85	1.23
-22°F	25563	5.57	1.34	25910	5.73	1.33	24899	5.91	1.24
-13°F	28859	5.65	1.50	28373	5.81	1.43	27293	5.99	1.33
-5°F	33638	5.64	1.75	33072	5.79	1.67	31837	5.98	1.56
0°F	36089	5.73	1.85	35488	5.89	1.77	34105	6.08	1.64
5°F	36259	5.70	1.86	35648	5.86	1.78	34291	6.05	1.66
10°F	39753	5.76	2.02	39091	5.92	1.94	37581	6.11	1.80
17°F	41794	5.72	2.14	41097	5.88	2.05	39475	6.06	1.91
19°F	41758	5.50	2.23	41075	5.65	2.13	39443	5.83	1.98
24°F	40398	5.42	2.18	39787	5.58	2.09	38397	5.75	1.96
32°F	39260	5.19	2.22	38728	5.33	2.13	37514	5.50	2.00
41°F	40725	5.11	2.33	40247	5.26	2.24	39090	5.42	2.11
43°F	41822	5.10	2.40	41330	5.24	2.31	40199	5.41	2.18
47°F	45450	5.22	2.55	44663	5.36	2.44	42837	5.53	2.27
53°F	45900	4.74	2.84	45098	4.87	2.71	43272	5.03	2.52
59°F	42259	4.78	2.59	41513	4.92	2.47	39818	5.07	2.30
64°F	43158	4.39	2.88	42398	4.51	2.75	40678	4.65	2.56
70°F	43968	4.46	2.89	43208	4.58	2.76	41437	4.73	2.57
75°F	44588	4.07	3.21	43803	4.19	3.07	42031	4.32	2.85
78°F	44993	4.11	3.21	44208	4.22	3.07	42411	4.36	2.85

* Maximum system capacity
 TC- Total Capacity (BtuH)
 COP- Coefficient of Performance

* Maximum system capacity
 TC- Total Capacity (BtuH)
 COP- Coefficient of Performance

ULTRA COOL

COOLING CAPACITY (BTUH)

Indoor Units Combinations	Rated System (BtuH)	Indoor Unit A (BtuH)	Indoor Unit B (BtuH)	Indoor Unit C (BtuH)	Indoor Unit D (BtuH)
9+9	18,000	9,000	9,000	NA	NA
9+12	21,000	9,000	12,000	NA	NA
9+18	26,000	8,000	18,000	NA	NA
9+24	29,000	9,000	20,000	NA	NA
12+12	24,000	12,000	12,000	NA	NA
12+18	27,000	10,000	17,000	NA	NA
12+24	31,000	11,000	20,000	NA	NA
18+18	31,000	15,500	15,500	NA	NA
18+24	35,000	15,000	20,000	NA	NA
24+24	38,000	19,000	19,000	NA	NA
9+9+9	27,000	9,000	9,000	9,000	NA
9+9+12	29,000	9,000	9,000	11,000	NA
9+9+18	33,000	8,500	8,500	16,000	NA
9+9+24	37,000	8,500	8,500	20,000	NA
9+12+12	32,000	8,000	12,000	12,000	NA
9+12+18	36,000	9,000	12,000	15,000	NA
9+12+24	37,500	7,500	10,000	20,000	NA
9+18+18	37,500	7,500	15,000	15,000	NA
9K+18K+24K	39,500	9,000	13,500	17,000	NA
12+12+12	33,000	11,000	11,000	11,000	NA
12+12+18	37,000	10,500	10,500	16,000	NA
12+12+24	38,000	9,500	9,500	19,000	NA
12+18+18	38,000	9,000	14,500	14,500	NA
12K+18K+24K	39,500	10,000	13,000	16,500	NA
18K+18K+18K	39,600	13,200	13,200	13,200	NA
9+9+9+9	36,000	9,000	9,000	9,000	9,000
9+9+9+12	36,500	8,500	8,500	8,500	11,000
9+9+9+18	37,500	7,500	7,500	7,500	15,000
9+9+9+24	39,500	8,000	8,000	8,000	15,500
9+9+12+12	37,000	8,500	8,500	10,000	10,000
9+9+12+18	38,000	7,500	7,500	9,000	14,000
9K+9K+12K+24K	40,000	7,000	7,000	9,000	17,000
9+9+18+18	40,000	7,000	7,000	13,000	13,000
9+12+12+12	37,500	7,500	10,000	10,000	10,000
9K+12K+12K+18K	39,500	8,000	9,000	9,000	13,500
12+12+12+12	38,000	9,500	9,500	9,500	9,500
12+12+12+18	40,000	9,000	9,000	9,000	13,000

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ULTRA HEAT

HEATING CAPACITY (BTUH)

Indoor Units Combinations	Rated System Capacity (BtuH)	Indoor Unit A (BtuH)	Indoor Unit B (BtuH)	Indoor Unit C (BtuH)	Indoor Unit D (BtuH)
9+9	18,000	9,000	9,000	NA	NA
9+12	21,000	9,000	12,000	NA	NA
9+18	26,000	8,000	18,000	NA	NA
9+24	30,000	9,000	21,000	NA	NA
12+12	24,000	12,000	12,000	NA	NA
12+18	30,000	12,000	18,000	NA	NA
12+24	31,000	11,000	20,000	NA	NA
18+18	31,000	15,500	15,500	NA	NA
18+24	37,000	17,000	20,000	NA	NA
24+24	40,000	20,000	20,000	NA	NA
9+9+9	27,000	9,000	9,000	9,000	NA
9+9+12	29,000	9,000	9,000	11,000	NA
9+9+18	34,500	9,000	9,000	16,500	NA
9+9+24	37,000	8,500	8,500	20,000	NA
9+12+12	31,000	9,000	11,000	11,000	NA
9+12+18	36,000	8,500	11,500	16,000	NA
9+12+24	39,000	8,000	11,000	20,000	NA
9+18+18	39,000	8,000	15,500	15,500	NA
9K+18K+24K	41,000	8,000	15,000	18,000	NA
12+12+12	34,500	11,500	11,500	11,500	NA
12+12+18	37,000	11,000	11,000	15,000	NA
12+12+24	40,000	10,000	10,000	20,000	NA
12+18+18	40,000	10,000	15,000	15,000	NA
12K+18K+24K	42,500	10,000	14,500	18,000	NA
18K+18K+18K	42,000	14,000	14,000	14,000	NA
9+9+9+9	36,000	9,000	9,000	9,000	9,000
9+9+9+12	36,500	8,500	8,500	8,500	11,000
9+9+9+18	39,000	8,000	8,000	8,000	15,000
9+9+9+24	41,500	8,000	8,000	8,000	17,500
9+9+12+12	38,000	8,000	8,000	11,000	11,000
9+9+12+18	40,000	7,500	7,500	10,000	15,000
9K+9K+12K+24K	42,500	8,000	8,000	9,500	17,000
9+9+18+18	42,000	8,000	8,000	13,000	13,000
9+12+12+12	38,900	8,000	10,300	10,300	10,300
9K+12K+12K+18K	41,500	7,500	10,000	10,000	14,000
12+12+12+12	40,000	10,000	10,000	10,000	10,000
12+12+12+18	42,500	9,500	9,500	9,500	14,000

Note:

- 1) It is critical to size the outdoor unit for the entire building load and each indoor unit for its individual zone load.