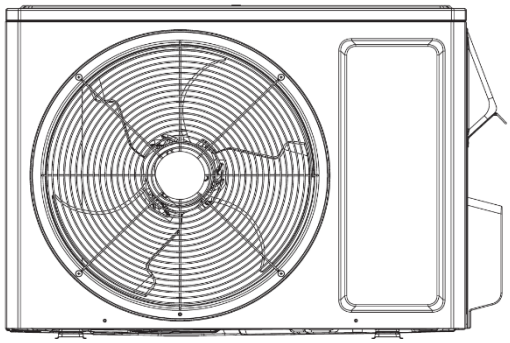
PRODUCT SPECIFICATION

D-SERIES – MINI-SPLIT CONDENSER, 9K-36K

MODEL NO. MHPC-D-0###SC

CONTENTS:

1. Features 1
2. Nomenclature 2
3. Specifications 2
4. Dimensions and Weight 3



1. FEATURES

- TBD

Content is subject to change without notice or incurring obligations.
© AC Pro Inc. 2025. All Rights reserved.

2. NOMENCLATURE

TBD

3. SPECIFICATIONS

ITEM	UNITS	MHPC-D-009ASC	MHPC-D-009BSC	MHPC-D-012ASC	MHPC-D-012BSC
AC Pro #	-	83958	83967	83960	83968
GENERAL					
System Type	-	Mini-Split			
Unit Type	-	Outdoor Unit, Heat Pump			
Matched Indoor Unit	-	MWAL-D-009ASC	MWAL-D-009BSC	MWAL-D-012ASC	MWAL-D-012BSC
System Number of Zones	-	Single			
Controls Type	-	2-Way Communication W/ Matched Indoor Unit			
Nominal Capacity	BTU/h	9K		12K	
PERFORMANCE*1					
Rated Cooling Capacity*2	BTU/h	9,100		12,000	
EER2*2	-	11.9	12.5	9.3	9.75
SEER2*2	-	20.5		19	
Rated Heating Capacity*3	BTU/h	10,000		12,000	
HSPF2*3	-	8.8		8.5	
ELECTRICAL					
Input Voltage, Phases, Frequency	V, Ph, Hz	115*4, 1, 60	208-230*5, 1, 60	115*4, 1, 60	208-230*5, 1, 60
Minimum Circuit Ampacity (MCA)	A	19	10	19	12
Maximum Overcurrent Protection (MOCP)	A	20	15	20	15
COMPRESSOR					
Type	-	Rotary, Inverter, DC, Variable			
Rated Load Amps	A	13.7	6.5	14	8
OUTDOOR FAN(S)					
Motor Type	-	Brushless DC, Variable			
Airflow	CFM	1,148 (Max)			
Full Load Amps	A	0.61	0.65	0.8	
REFRIGERATION SYSTEM					
Refrigerant	-	R-32			
Refrigerant Pre-Charge	lb – oz	1 – 2.7		1 – 1.6	
Pre-Charged for Lineset Length	ft	24.5			
Additional Charge Per ft	oz/ft	0.2			
Max Lineset Length	ft	65.5			
Max Height Difference	ft	40			
Connection Method	-	Flared			
Liquid Connection Size (OD)	in	1/4			
Vapor Connection Size (OD)	in	3/8			
Metering Device	-	Capillary			
OPERATION RANGE					
Outdoor Temperature (Cooling)	°F	0 – 118			
Outdoor Temperature (Heating)	°F	-13 – 75			
NOISE LEVEL					
Sound Power Level	dB(A)	61		62	

NOTES:
1.** Based on matched system rating. Refer to AHRI directory. ** Where indicated, specifications apply at the following conditions and temperatures: ***2.** Indoor DB 80°F/WB 67°F, Outdoor DB 95°F/WB 75°F; ***3.** Indoor DB 70°F/WB 60°F, Outdoor DB 47°F/WB 43°F. ***4.** Operating voltage is 103.5-126.5 VAC. ***5.** Operating voltage is 187-253 VAC.

Content is subject to change without notice or incurring obligations.
© AC Pro Inc. 2025. All Rights reserved.

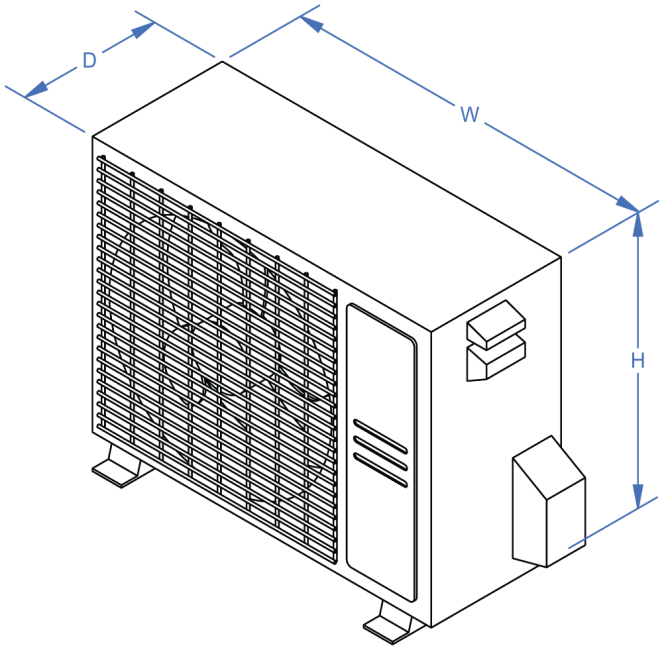
3. SPECIFICATIONS (CONTINUED)

ITEM	UNITS	MHPC-D-018BSC	MHPC-D-024BSC	MHPC-D-030BSC	MHPC-D-036BSC
AC Pro #	-	83969	83970	85110	85112
GENERAL					
System Type	-	Mini-Split			
Unit Type	-	Outdoor Unit, Heat Pump			
Matched Indoor Unit	-	MWAL-D-018BSC	MWAL-D-024BSC	MWAL-D-030BSC	MWAL-D-036BSC
System Number of Zones	-	Single			
Controls Type	-	2-Way Communication W/ Matched Indoor Unit			
Nominal Capacity	BTU/h	18K	24K	30K	36K
PERFORMANCE*1					
Rated Cooling Capacity*2	BTU/h	18,000	24,000	30,000	33,600
EER2*2	-	12.35	11.9	10.9	10.6
SEER2*2	-	20	19	22	21
Rated Heating Capacity*3	BTU/h	19,100	24,000	30,000	34,000
HSPF2*3	-	8.5		9	8.5
ELECTRICAL					
Input Voltage, Phases, Frequency*5	V, Ph, Hz	208-230, 1, 60			
Minimum Circuit Ampacity (MCA)	A	13	15	27	24
Maximum Overcurrent Protection (MOCP)	A	15	20	30	35
COMPRESSOR					
Type	-	Rotary, Inverter, DC, Variable		Twin Rotary, Inverter, DC, Variable	Rotary, Inverter, DC, Variable
Rated Load Amps	A	8.5	10	18.5	16
OUTDOOR FAN(S)					
Motor Type	-	Brushless DC, Variable			
Airflow	CFM	1,483 (Max)	1,883 (Max)	2,648 (Max)	
Full Load Amps	A	0.8	1	1.7	
REFRIGERATION SYSTEM					
Refrigerant	-	R-32			
Refrigerant Pre-Charge	lb – oz	2 – 0.5	2 – 10.3	3 – 8.4	
Pre-Charged for Lineset Length	ft	24.5			
Additional Charge Per ft	oz/ft	0.2	0.1	0.4	
Max Lineset Length	ft	131			
Max Height Difference	ft	82			
Connection Method	-	Flared			
Liquid Connection Size (OD)	in	1/4			
Vapor Connection Size (OD)	in	1/2		5/8	
Metering Device	-	Capillary			
OPERATION RANGE					
Outdoor Temperature (Cooling)	°F	0 – 118		-4 – 122	
Outdoor Temperature (Heating)	°F	-13 – 75			
NOISE LEVEL					
Sound Power Level	dB(A)	67	68	72	

NOTES:
***1.** Based on matched system rating. Refer to AHRI directory. * Where indicated, specifications apply at the following conditions and temperatures: ***2.** Indoor DB 80°F/WB 67°F, Outdoor DB 95°F/WB 75°F; ***3.** Indoor DB 70°F/WB 60°F, Outdoor DB 47°F/WB 43°F. ***4.** Operating voltage is 103.5-126.5 VAC. ***5.** Operating voltage is 187-253 VAC.

Content is subject to change without notice or incurring obligations.
© AC Pro Inc. 2025. All Rights reserved.

4. DIMENSIONS AND WEIGHT



NOTE: Image for reference only. Actual appearance may vary.

ITEM	UNITS	MHPC-D-009ASC	MHPC-D-009BSC	MHPC-D-012ASC	MHPC-D-012BSC
Height (H)	in	13			
Width (W)	in	28-13/16			
Depth (D)	in	21-13/16			
Weight	in	55.5	53	58.5	56.5

ITEM	UNITS	MHPC-D-018BSC	MHPC-D-024BSC	MHPC-D-030BSC	MHPC-D-036BSC
Height (H)	in	21-13/16	26	29-11/16	
Width (W)	in	31-9/16	37-11/16	39-11/16	
Depth (D)	in	13-3/4	15-13/16	16-13/16	
Weight	in	71	94	117	122.5

Content is subject to change without notice or incurring obligations.
© AC Pro Inc. 2025. All Rights reserved.