

## FEATURES

- Up to 11.0 EER cooling efficiency
- Completely self-contained heating and cooling package
  - No outside condensing unit
  - No external refrigerant lines
  - No separate cooling coil
- Pre-wired and pre-charged
- Individually metered and controlled
- Easy service access
- Louver color options to match building facade
- Available with optional factory installed Ventilation Air Kit

## REFRIGERANT SYSTEM

- High efficiency compressor
- Copper tubing with enhanced fin coils

## CABINET

- Fully insulated cabinet for quiet operation
- Anti-microbial insulation in all air handling compartments

## BLOWER

- Four-speed permanently lubricated motor for low maintenance, maximum efficiency and wide airflow range
- PSC permanently lubricated motor for low maintenance and maximum efficiency
- Dynamically balanced blower with resilient motor mounts for smooth and quiet operation
- Internal washable filter

## CONTROLS

- Color coded wiring for easy service
- Fuse protection on 24V circuit

## INSTALLATION

- Easy to install and service
- Louver mounts flush to outside wall

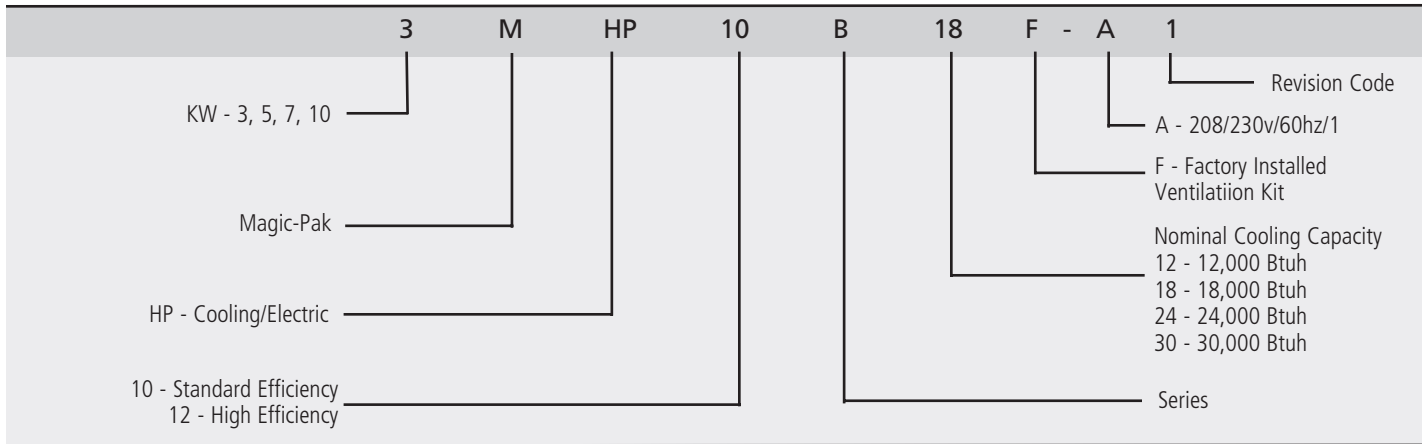
## WARRANTY

- 5 year limited warranty on all parts
- 10 year warranty on electric heating elements

## MHP



## Model Number Guide



## Electrical and Physical Data

Model	Voltage/ Hz/ Phase	Voltage Range	Minimum Circuit Ampacity				Maximum Fuse/HACR Breaker				Compressor		Outside Fan			Indoor Blower		R22 Refrig. Charge (oz.)	Weight (lbs.)		
			Circuit 1		Circuit 2		Circuit 1		Circuit 2		Rated Load Amps	Locked Rotor Amps	Dia. (in.)	Nominal RPM	Rated Load Amps	Rated HP	Wheel dia. x Width (in.)			Rated Load Amps	Rated HP
			208	230	208	230	208	230	208	230											
0MHP10B12	208-230/60/1	197 - 253	7	9	---	---	15	15	---	---	4.7	27.0	16	1075	0.9	1/8	9x6	1.6	1/4	58	185
3MHP10B12			25	27	---	---	25	30	---	---											
5MHP10B12			30	33	---	---	30	35	---	---											
7MHP10B12			41	45	---	---	45	45	---	---											
0MHP10B18	208-230/60/1	197 - 253	12	14	---	---	20	20	---	---	9.0	41.0	16	1075	0.9	1/8	9x6	1.6	1/4	51	185
3MHP10B18			30	32	---	---	35	35	---	---											
5MHP10B18			36	38	---	---	40	40	---	---											
7MHP10B18			47	50	---	---	50	50	---	---											
10MHP10B18			12	14	44	48	20	20	45	50											
0MHP10B24	208-230/60/1	197 - 253	14	17	---	---	20	25	---	---	10.9	54.0	18	1075	1.6	1/4	9x6	1.6	1/4	74	210
5MHP10B24			40	42	---	---	45	50	---	---											
7MHP10B24			51	54	---	---	50	60	---	---											
10MHP10B24			14	17	44	48	20	25	45	50											
0MHP10B30	208-230/60/1	197 - 253	19	21	---	---	25	30	---	---	14.1	73.0	18	1075	1.6	1/4	9x7	1.9	1/3	92	220
5MHP10B30			45	47	---	---	50	50	---	---											
7MHP10B30			55	59	---	---	60	60	---	---											
10MHP10B30			19	21	44	48	25	30	45	50											
0MHP12A18	208-230/60/1	197 - 253	13	14	---	---	20	20	---	---	9.0	41.0	18	1075	0.9	1/8	9x6	1.6	1/4	80	230
3MHP12A18			30	32	---	---	35	35	---	---											
5MHP12A18			36	39	---	---	40	40	---	---											
7MHP12A18			47	50	---	---	50	50	---	---											
10MHP12A18			14	14	44	48	20	20	45	50											
0MHP12A24	208-230/60/1	197 - 253	16	17	---	---	25	25	---	---	10.9	54.0	18	1075	1.8	1/4	9x6	1.6	1/4	91	235
5MHP12A24			39	41	---	---	40	45	---	---											
7MHP12A24			50	53	---	---	50	60	---	---											
10MHP12A24			17	17	44	48	25	25	45	50											
0MHP12A30	208-230/60/1	197 - 253	20	21	---	---	30	30	---	---	13.5	72.5	18	1075	1.8	1/4	9x7	1.9	1/3	101	255
5MHP12A30			43	45	---	---	35	40	---	---											
7MHP12A30			54	57	---	---	50	50	---	---											
10MHP12A30			21	21	44	48	30	30	45	50											

## Blower Performance

Model	Blower Speed	CFM @ ext. static pressure - in. w.c. with filter				
		0.1	0.2	0.3	0.4	0.5
MHP10B12 MHP10B18 MHP10B24	Low	450	440	425	400	370
	Medium Low	700	690	680	650	600
	Medium High	810	800	790	770	730
	High	940	920	875	850	810
MHP10B30	Low	620	600	580	560	53
	Medium Low	840	820	785	750	700
	Medium High	975	940	870	825	760
	High	1075	1000	930	880	800
MHP12A18 MHP12A24	Low	450	440	425	400	370
	Medium Low	700	690	680	650	600
	Medium High	810	800	790	770	730
	High	940	920	875	850	810
MHP12A30	Low	630	620	610	580	550
	Medium Low	900	890	850	800	750
	Medium High	1070	1030	1000	920	840
	High	1220	1150	1100	1030	920

## Electric Heat Data

Model	Input Voltage								
	240			230			208		
	kW/Hr	Btuh	Amps	kW/Hr	Btuh	Amps	kW/Hr	Btuh	Amps
3kW	3.60	12,284	15.00	3.31	11,281	14.38	2.70	9,226	13.00
5kW	4.80	16,378	20.00	4.41	15,042	19.17	3.61	12,302	17.33
7kW	7.20	24,567	30.00	6.61	22,563	28.75	5.41	18,453	26.00
10kW	9.60	32,757	40.00	8.82	30,084	38.33	7.21	24,604	34.67

## Performance

Model	Cooling			Heating				CFM	Electric Heat @ 240V	
	Btuh	EER	S/T	47°F		17°F			kW/Hr	Btuh
				Btuh	COP	Btuh	COP			
0MHP10B12	11,200	10.00	.75	11,200	3.20	6,200	2.00	400	N/A	N/A
3MHP10B12									3.6	12,200
5MHP10B12									4.8	16,300
7MHP10B12									7.2	24,500
0MHP10B18	17,400	9.00	.75	17,000	3.30	9,200	1.90	600	N/A	N/A
3MHP10B18									3.6	12,200
5MHP10B18									4.8	16,300
7MHP10B18									7.2	24,500
10MHP10B18									9.6	32,700
0MHP10B24	24,000	9.00	.74	24,000	3.30	14,800	2.20	800	N/A	N/A
5MHP10B24									4.8	16,300
7MHP10B24									7.2	24,500
10MHP10B24									9.6	32,700
0MHP10B30	29,000	9.60	.74	30,000	3.20	16,900	1.90	1000	N/A	N/A
5MHP10B30									4.8	16,300
7MHP10B30									7.2	24,500
10MHP10B30									9.6	32,700
0MHP12A18	17,800	11.00	.75	17,600	3.50	10,800	2.30	600	N/A	N/A
3MHP12A18									3.6	12,200
5MHP12A18									4.8	16,300
7MHP12A18									7.2	24,500
10MHP12A18									9.6	32,700
0MHP12A24	23,600	10.40	.75	23,600	3.30	14,000	2.00	800	N/A	N/A
5MHP12A24									4.8	16,300
7MHP12A24									7.2	24,500
10MHP12A24									9.6	32,700
0MHP12A30	29,000	10.20	.74	30,000	3.50	19,600	2.40	1000	N/A	N/A
5MHP12A30									4.8	16,300
7MHP12A30									7.2	24,500
10MHP12A30									9.6	32,700

## Sound Ratings

Model	Sound Rating (dBA)
3MHP10B12	72
5MHP10B12	
7MHP10B12	
3MHP10B18	72
5MHP10B18	
7MHP10B18	
10MHP10B18	
5MHP10B24	76
7MHP10B24	
10MHP10B24	
5MHP10B30	76
7MHP10B30	
10MHP10B30	

Model	Sound Rating (dBA)
3MHP12A18	74
5MHP12A18	
7MHP12A18	
10MHP12A18	
5MHP12A24	76
7MHP12A24	
10MHP12A24	
5MHP12A30	76
7MHP12A30	
10MHP12A30	

## Cooling Performance Extended Ratings

Model	Indoor Temp DB/WB °F	Outdoor Temperature - DB °F														
		65			85			95			105			115		
		Btuh	S/T	kW	Btuh	S/T	kW	Btuh	S/T	kW	Btuh	S/T	kW	Btuh	S/T	kW
MHP10B12	85/72	14,000	.59	.85	13,600	.63	1.03	12,900	.65	1.14	12,100	.68	1.23	11,200	.71	1.31
	80/67	12,400	.67	.84	12,200	.70	1.01	11,200	.73	1.12	10,800	.77	1.20	10,000	.80	1.29
	75/63	12,300	.71	.83	11,700	.75	1.00	10,800	.77	1.11	10,000	.81	1.18	9,300	.84	1.26
MHP10B18	85/72	21,000	.62	1.44	20,400	.64	1.66	19,200	.66	1.81	16,100	.69	1.96	17,000	.71	2.12
	80/67	19,600	.70	1.41	18,800	.72	1.63	17,400	.73	1.76	16,300	.77	1.95	15,200	.80	2.10
	75/63	18,700	.74	1.40	17,700	.76	1.60	16,200	.77	1.74	15,000	.80	1.91	13,700	.83	2.07
MHP10B24	85/72	30,800	.58	2.17	29,300	.60	2.51	27,200	.61	2.74	25,800	.63	3.00	24,300	.64	3.24
	80/67	28,000	.64	2.12	26,200	.66	2.45	24,000	.68	2.67	23,100	.70	2.95	22,200	.72	3.23
	75/63	26,200	.68	2.11	24,800	.70	2.43	22,800	.72	2.65	21,600	.73	2.92	20,400	.75	3.19
MHP10B30	85/72	34,600	.59	2.36	33,800	.61	2.80	32,400	.62	3.08	30,700	.64	3.40	29,000	.66	3.71
	80/67	33,100	.66	2.35	31,400	.68	2.74	29,000	.72	3.02	27,400	.74	3.33	25,700	.77	3.65
	75/63	31,700	.69	2.33	30,000	.72	2.72	27,300	.74	2.98	25,300	.76	3.26	23,300	.78	3.53
MHP12A18	85/72	21,800	.63	1.31	21,000	.65	1.51	19,900	.67	1.64	19,000	.68	1.79	18,000	.69	1.94
	80/67	20,400	.71	1.28	19,200	.73	1.48	17,800	.74	1.62	17,100	.76	1.77	16,300	.77	1.91
	75/63	19,400	.75	1.26	18,400	.77	1.45	16,900	.78	1.57	15,900	.79	1.73	14,800	.80	1.88
MHP12A24	85/72	30,200	.64	1.85	28,900	.66	2.14	26,800	.67	2.33	25,400	.69	2.55	23,900	.71	2.75
	80/67	27,600	.71	1.81	25,800	.73	2.08	23,600	.75	2.27	22,700	.77	2.51	21,800	.79	2.74
	75/63	25,800	.75	1.80	24,400	.77	2.06	22,400	.79	2.25	21,200	.81	2.49	20,000	.83	2.71
MHP12A30	85/72	37,800	.61	2.20	35,600	.63	2.60	32,200	.64	2.86	30,400	.66	3.15	28,500	.67	3.43
	80/67	34,200	.69	2.18	31,500	.69	2.54	29,000	.72	2.84	27,200	.74	3.14	25,400	.76	3.41
	75/63	31,800	.71	2.17	29,800	.73	2.55	26,800	.75	2.81	24,900	.78	3.10	23,000	.80	3.38

## Heating Performance Extended Ratings

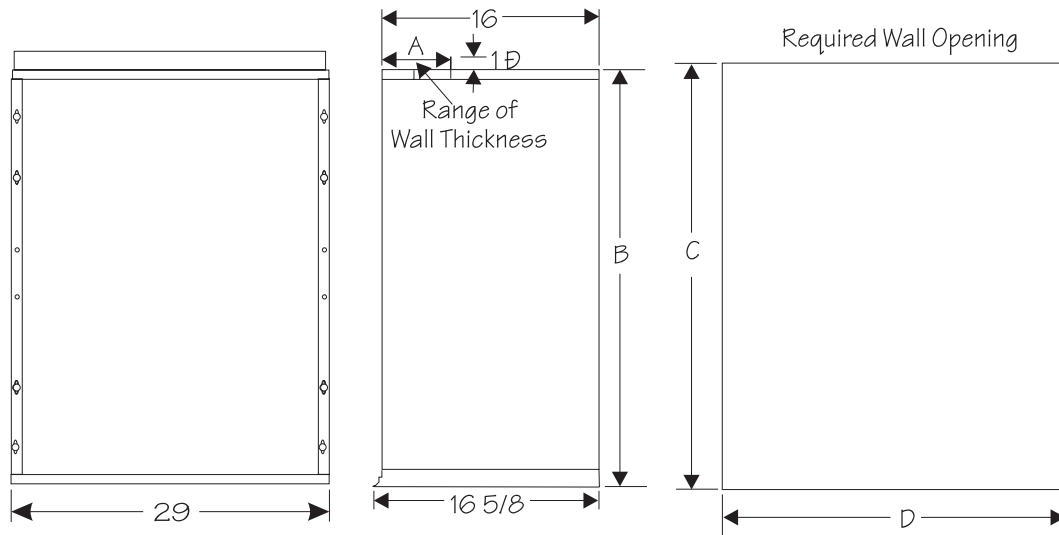
Model	Outdoor Temperature - DB / WB °F									
	0/0		17/15		35/33		47/43		62/56	
	Btuh	kW	Btuh	kW	Btuh	kW	Btuh	kW	Btuh	kW
MHP10B12	3,400	0.84	6,200	0.91	9,200	0.98	11,200	1.03	13,700	1.08
MHP10B18	4,800	1.37	9,200	1.42	13,900	1.47	17,000	1.51	20,900	1.56
MHP10B24	9,600	1.88	14,800	1.97	20,300	2.07	24,000	2.13	28,600	2.21
MHP10B30	9,500	2.53	16,900	2.61	24,800	2.69	30,000	2.75	36,600	2.82
MHP12A18	6,900	1.32	10,800	1.38	14,900	1.43	17,600	1.47	21,100	1.52
MHP12A24	8,600	2.03	14,000	2.05	19,800	2.08	23,600	2.10	28,400	2.12
MHP12A30	13,700	2.33	19,600	2.39	25,800	2.46	30,000	2.51	35,800	2.57

## Accessories

Description	Kit Number	Where Used
Polypropylene Louver Kit (White)	ALVRPWHT-1	MHP10-12 thru 30/MHP12-18 thru 24
Polypropylene Louver Kit (White)	ALVRPWHT-2	MHP12-30
Polypropylene Louver Kit (Sandstone)	ALVRPSAN-1	MHP10-12 thru 30/MHP12-18 thru 24
Polypropylene Louver Kit (Sandstone)	ALVRPSAN-2	MHP12-30
Polypropylene Louver Kit (Beige)	ALVRPBGE-1	MHP10-12 thru 30/MHP12-18 thru 24
Polypropylene Louver Kit (Beige)	ALVRPBGE-2	MHP12-30
Polypropylene Louver Kit (Taupestone)	ALVRPTST-1	MHP10-12 thru 30/MHP12-18 thru 24
Polypropylene Louver Kit (Taupestone)	ALVRPTST-2	MHP12-30
Extuded Aluminum Louver Kit	ALVRAL-1	MHP10-12 thru 30/MHP12-18 thru 24
Extuded Aluminum Louver Kit	ALVRAL-2	MHP12-30
Extruded Aluminum Louver Kit (45" height louver)	ALVRAL-3	All MHP10-12 thru 30/MHP12-18 thru 24
Extruded Aluminum Louver Kit (45" height louver)	ALVRAL-4	MHP12-30
Wall Sleeve Kit (45" Louver)	ASLEEVE-3*	MHP10-12 & 18
2" Wall Sleeve Kit	ASLEEVE2-1	All MHP10-12 thru 30/MHP12-18 thru 24
2" Wall Sleeve Kit	ASLEEVE2-2	MHP12-30
6" Wall Sleeve Kit	ASLEEVE6-1	All MHP10-12 thru 30/MHP12-18 thru 24
6" Wall Sleeve Kit	ASLEEVE6-2	MHP12-30
8" Wall Sleeve Kit	ASLEEVE8-1	MHP10-12 thru 30/MHP12-18 thru 24
8" Wall Sleeve Kit	ASLEEVE8-2	MHP12-30
12" Wall Sleeve Kit	ASLEEVE12-1	MHP10-12 thru 30/MHP12-18 thru 24
12" Wall Sleeve Kit	ASLEEVE12-2	MHP12-30
6" Wall Sleeve for 45" Louver	ASLEEVE6-3	MHP10-12 thru 30/MHP12-18 thru 24
6" Wall Sleeve for 45" Louver	ASLEEVE8-3	MHP10-24 thru 30/MHP12-18 thru 24
12" Wall Sleeve for 45" Louver	ASLEEVE12-3	MHP10-24 thru 30/MHP12-18 thru 24
6" Wall Sleeve for 45" Louver	ASLEEVE6-4	MHP12-30
8" Wall Sleeve for 45" Louver	ASLEEVE8-4	MHP12-30
12" Wall Sleeve for 45" Louver	ASLEEVE12-4	MHP12-30
Threaded PVC Nipple	AADAPTPVC-1	All MHP's
Outdoor Coil Filter	AFILTMP-1	All MHP's
Wall Sleeve Extension Kit	ASLEEVEXT4-1,4-2	ASLEEVE Wall Kits

\*Thru the wall applications only.

## Accessories Dimensions (in.)



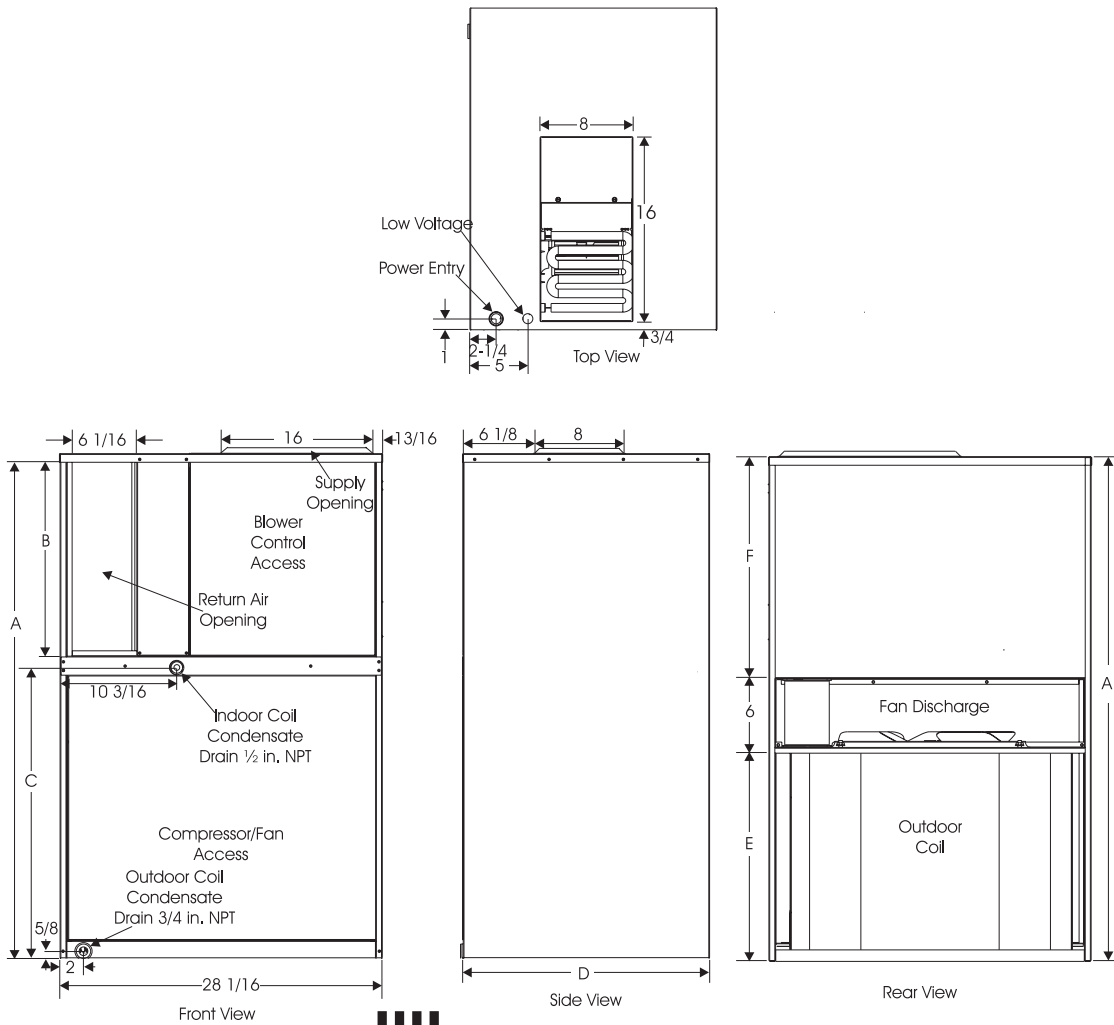
## Accessories

Kit Number	A	B	C	D
ASLEEVE2-1	2	29	29-1/8	29-1/8
ASLEEVE2-2	2	32-3/4	32-7/8	29-1/8
ASLEEVE6-1	6	29	29-1/8	29-1/8
ASLEEVE6-2	6	32-3/4	32-7/8	29-1/8
ASLEEVE6-3	6	45	45-1/8	29-1/8
ASLEEVE6-4				
ASLEEVE8-1	8	29	29-1/8	29-1/8
ASLEEVE8-2	8	32-3/4	32-7/8	29-1/8
ASLEEVE8-3	8	45	45-1/8	29-1/8
ASLEEVE8-4				
ASLEEVE10-1	10	29	29-1/8	29-1/8
ASLEEVE10-2	10	32-3/4	32-7/8	29-1/8
ASLEEVE10-3	10	45	45-1/8	29-1/8
ASLEEVE10-4				
ASLEEVE12-1	12	29	29-1/8	29-1/8
ASLEEVE12-2	12	32-3/4	32-7/8	29-1/8
ASLEEVE12-3	12	45	45-1/8	29-1/8
ASLEEVE12-4				
ASLEEVE-3	*	45	45-1/8	29-1/8

\*Thru the wall installations only.

# Dimensions (in.)

Model	A	B	C	D	E	F
MHP10B12	43-7/8	16-7/8	25-5/16	21-1/2	18-5/8	19-1/4
MHP10B18						
MHP10B24	47-13/16	18-15/16	27-1/8	24-3/8	20-5/8	21-3/16
MHP10B30						
MHP12A18						
MHP12A24						
MHP12A30	55-13/16	22-13/16	31-1/8	24-3/8	24-3/4	25-1/16



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Product Support 866-282-7257

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