



TECHNICAL SPECIFICATIONS

HEAT PUMP SYSTEM		18,000 BTU*	24,000 BTU*	30,000 BTU*	36,000 BTU*	48,000 BTU*	60,000 BTU*
Indoor Model		FMA18HIAHUU230X7	FMA24HIAHUU230X7	FMA30HIAHUU230X7	FMA36HIAHUU230X7	FMA48HIAHUU230X7	FMA60HIAHUU230X7
Outdoor Model		DMA18HOS20230E7	DMA24HOS20230E7	DMA30HOS20230E7	DMC36HOS20230E7	DMA48HOS20230E7	DMA60HOS20230E7
HEAT+ Technology		Yes	Yes	Yes	Yes	Yes	Yes
Power Supply (V/Ph/Hz)		208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
Cooling	Capacity (BTU/h)	18,000 (6,880~21,000)	24,000 (6,400~27,000)	30,000 (10,000~33,600)	35,000 (14,000~38,000)	47,000 (15,000~48,000)	55,000 (14,000~56,000)
	EER2 (BTU/Wh)	12.4	11.7	10.0	11.7	8.2	8.8
	SEER2 (BTU/Wh)	18.0	17.4	16.2	16.3	15.6	15.3
Heating	Capacity (BTU/h)	19,000 (2,800~21,000)	24,000 (10,100~31,000)	33,000 (11,500~37,000)	39,000 (11,000~48,000)	50,000 (11,000~55,000)	59,000 (13,400~69,000)
	COP2 (W/W)	3.64	3.35	3.30	3.40	3.15	3.42
	HSPF2 Region 4 (BTU/Wh)	9.3	10.0	8.9	9.5	9.4	9.4
Max. fuse (outdoor) (A)		20	35	35	35	50	50
Compressor type		Twin Rotary	Twin Rotary	Rotary	Rotary	Rotary	Rotary
Indoor air flow (Hi/Mi/Lo) (CFM)		576.47/529.41/488.24	758.82/694.12/629.41	894.12/805.88/711.76	1082.35/970.59/864.71	1282.35/1094.12/905.88	1582.35/1358.82/1135.29
Indoor noise level (Hi/Mi/Lo) (dB(A))		34/31/30	39/36/33	42/40.5/36.5	49/44/42	50/47/43.5	51/45.5/41.5
Indoor Unit	Width x Depth x Height (in)	21.02x17.52x45.00	21.02x17.52x45.00	21.02x21.02x49.02	21.02x21.02x49.02	21.02x21.02x49.02	21.02x24.49x52.99
	Net/Gross weight (lbs)	105.82/129.41	105.60/127.43	129.19/155.64	129.19/155.64	130.51/156.31	162.70/192.90
Outdoor fan motor	Number of fans	1	1	1	1	2	2
	Speed (min/mid/max r/min)	800/700/580	950/700/500/400	950/900/500	850/800/750/650/550	850/750/650	850/750/650
Outdoor noise level (dB(A))		57.0	62.0	60.5	65.0	64.0	63.5
Outdoor Unit	Width x Depth x Height (in)	35.04x13.46x26.50	37.24x16.14x31.89	37.24x16.14x31.89	38.58x14.76x38.39	37.48x16.34x52.48	37.48x16.34x52.48
	Net/Gross weight (lbs)	102.95/109.79	136.69/145.50	159.83/169.75	203.71/234.57	220.24/248.90	239.86/271.61
Refrigerant precharge (ft)		25	25	25	25	25	25
Refrigerant piping	Liquid side/Gas side (in)	3/8 / 3/4	3/8 / 3/4	3/8 / 3/4	3/8 / 3/4	3/8 / 3/4	3/8 / 3/4
	Max. refr. pipe length (ft)	98.42	164.04	164.04	213.25	213.25	213.25
	Max. difference in level (ft)	65.62	82.02	82.02	98.42	98.42	98.42
Moisture removal (L/h)		1.67	1.98	3.41	3.65	4.96	5.55
Thermostat type		Wired Control	Wired Control	Wired Control	Wired Control	Wired Control	Wired Control
Room temp.	Indoor (cooling) (°F)	60~90	60~90	60~90	60~90	60~90	60~90
	Indoor (heating) (°F)	32~86	32~86	32~86	32~86	32~86	32~86
	Outdoor (cooling) (°F)	5~122	5~122	5~122	5~122	5~122	5~122
	Outdoor (heating) (°F)	-22~75	-22~75	-22~75	-22~75	-22~75	-22~75

HEAT PUMP + ADD ON COIL		18,000 BTU*	24,000 BTU*	30,000 BTU*	30,000 BTU*	36,000 BTU*	36,000 BTU*	48,000 BTU	60,000 BTU
Indoor Model		CUB24HAC20BWT7A	CUB24HAC20BWT7A	CUB36HAC20BWT7A	CUB36HAC20CWT7A	CUB36HAC20BWT7A	CUB36HAC20CWT7A	CUB48HAC20CWT7A	CUB60HAC20DWT7A
Outdoor Model		DMA18HOS20230E7	DMA24HOS20230E7	DMA36HOS20230E7	DMA30HOS20230E7	DMC36HOS20230E7	DMC36HOS20230E7	DMA48HOS20230E7	DMA60HOS20230E7
HEAT+ Technology		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cooling	Capacity (BTU/h)	18,000 (6,880~21,000)	24,000 (6,400~27,000)	29,000 (13,000~33,600)	30,000 (9,900~35,000)	36,000 (11,700~40,000)	35,000 (11,700~40,000)	46,000 (16,500~47,000)	53,000 (13,400~54,000)
	EER2 (BTU)	11.7	10.7	10.0	10.5	10.0	10.0	8.6	8.6
	SEER2 (BTU)	16.1	16.5	15.2	15.5	15.5	15.2	14.3	14.5
Heating	Capacity (BTU/h)	19,000 (5,900~23,600)	25,000 (8,500~28,000)	31,000 (8,000~34,000)	33,000 (9,000~37,000)	38,000 (9,200~45,000)	39,000 (9,200~45,000)	51,000 (25,000~59,000)	55,000 (10,800~60,000)
	COP2 (W/W)	3.35	3.32	3.18	3.5	3.18	3.18	3.04	3.08
	HSPF2 Region 4 (BTU/Wh)	9.5	9.5	8.5	9.7	8.6	10.0	9.0	8.6
Indoor Unit	Width x Depth x Height (in)	17.52x20.98x17.99	17.52x20.98x17.99	17.52x20.98x23.58	20.98x20.98x23.98	17.52x20.98x23.58	20.98x20.98x23.98	20.98x20.98x23.98	24.49x20.98x27.99
	Net/Gross Weight (lbs)	42.77/52.03	42.77/52.03	60.19/69.00	66.58/77.16	60.19/69.00	66.58/77.16	66.58/77.16	86.64/98.33



Performance in heating down to



100 % Capacity to 4°F

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