

MRCOOL UNIVERSAL PERFORMANCE SPECIFICATIONS

MDU18024		Outdoor Temperature		70°F(21°C)			
Heating	°C	°F	Capacity	Power Input	HSPF		
	-30°C	-22°F	18700	3920	4.77		
	-26°C	-15°F	22000	4000	5.50		
	-21°C	-5°F	24000	4200	5.71		
	-15°C	5°F	24000	3350	7.16		
	-8°C	17°F	24000	2900	8.28		
	0°C	32°F	24000	2300	10.43		
	8°C	47°F	26000	1980	13.13		
	15°C	60°F	28000	2100	13.33		
20°C	68°F	28000	2000	14.00			
MDU18036		Outdoor Temperature		70°F(21°C)			
Cooling	°C	°F	SHC	Capacity	Power Input	EER	SHC
	-15°C	5°F	13816	20400	1070	19.07	16014
	-10°C	14°F	14080	20400	1120	18.21	16320
	0°C	32°F	14044.8	20400	1180	17.29	16279.2
	5°C	41°F	13992	20400	1270	16.06	16218
	10°C	50°F	13816	20400	1320	15.45	16014
	18°C	65°F	14080	20400	1400	14.57	16320
	24°C	75°F	14044.8	20400	1520	13.42	16279.2
	30°C	85°F	13992	20400	1710	11.93	16218
	35°C	95°F	14080	20400	1850	11.03	16320
	41°C	105°F	13904	20400	2250	9.07	16116
	46°C	115°F	14256	20400	2600	7.85	16524
	54°C	129°F	12425	19000	2900	6.55	13490
MDU18036		Outdoor Temperature		70°F(21°C)			
Heating	°C	°F	Capacity	Power Input	HSPF		
	-30°C	-22°F	18400	4150	4.43		
	-26°C	-15°F	21100	4430	4.76		
	-21°C	-5°F	25200	4630	5.44		
	-15°C	5°F	30000	4800	6.25		
	-8°C	17°F	36000	5450	6.61		
	0°C	32°F	36000	4800	7.50		
	8°C	47°F	38000	3600	10.56		
	15°C	60°F	38000	3150	12.06		
20°C	68°F	38000	3120	12.18			
MDU18036		Outdoor Temperature		70°F(21°C)			
Cooling	°C	°F	SHC	Capacity	Power Input	EER	SHC
	-15°C	5°F	16029	30600	2050	14.93	20961
	-10°C	14°F	16380	30600	2120	14.43	21420
	0°C	32°F	16333	30600	2200	13.91	21359
	5°C	41°F	16263	30600	2320	13.19	21267
	10°C	50°F	16380	30600	2400	12.75	21420
	18°C	65°F	16380	30600	2500	12.24	21420
	24°C	75°F	16333	30600	2600	11.77	21359
	30°C	85°F	16263	30600	2800	10.93	21267
	35°C	95°F	16380	30600	3100	9.87	21420
	41°C	105°F	16146	30600	4370	7.00	21114
	46°C	115°F	15230	28050	4080	6.88	19916
	54°C	129°F	12780	20000	3000	6.67	14200
MDU18048		Outdoor Temperature		70°F(21°C)			
Heating	°C	°F	Capacity	Power Input	HSPF		
	-30°C	-22°F	26400	5700	4.63		
	-26°C	-15°F	28500	5900	4.83		
	-21°C	-5°F	34200	6200	5.52		
	-15°C	5°F	43000	6920	6.21		
	-8°C	17°F	48000	6880	6.98		

	0°C	32°F		48000	5800	8.28	
	8°C	47°F		50000	4210	11.88	
	15°C	60°F		52000	4650	11.18	
	20°C	68°F		52000	4500	11.56	
Cooling	Outdoor Temperature		80°F(21°C)				
	°C	°F	Capacity	Power Input	EER	SHC	Capacity
	-15°C	5°F	48000	3050	15.74	34320	48000
	-10°C	14°F	48000	3100	15.48	35040	48000
	0°C	32°F	48000	3190	15.05	34464	48000
	5°C	41°F	48000	3280	14.63	34800	48000
	10°C	50°F	48000	3400	14.12	35040	48000
	18°C	65°F	48000	3750	12.80	35040	48000
	24°C	75°F	48000	3850	12.47	34464	48000
	30°C	85°F	48900	4100	11.93	35452.5	48900
	35°C	95°F	48900	4720	10.36	35697	48900
	41°C	105°F	48000	5300	9.06	34080	48000
	46°C	115°F	43500	4860	8.95	32190	43500
	54°C	129°F	27000	4350	6.21	19170	27000
MDU18060	Outdoor Temperature		70°F(21°C)				
	°C	°F		Capacity	Power Input	HSPF	
Heating	-30°C	-22°F		27000	6350	4.25	
	-26°C	-15°F		32000	6700	4.78	
	-21°C	-5°F		37000	7000	5.29	
	-15°C	5°F		44000	7160	6.15	
	-8°C	17°F		49000	7100	6.90	
	0°C	32°F		54000	6600	8.18	
	8°C	47°F		56000	5300	10.57	
	15°C	60°F		60000	5400	11.11	
	20°C	68°F		60000	5100	11.76	
Cooling	Outdoor Temperature		80°F(21°C)				
	°C	°F	Capacity	Power Input	EER	SHC	Capacity
	-15°C	5°F	54000	3650	14.79	36990	54000
	-10°C	14°F	54000	3720	14.52	37800	54000
	0°C	32°F	54000	3900	13.85	37692	54000
	5°C	41°F	54000	4050	13.33	36990	54000
	10°C	50°F	54000	4120	13.11	36990	54000
	18°C	65°F	54000	4250	12.71	37800	54000
	24°C	75°F	54000	4400	12.27	37692	54000
	30°C	85°F	55000	4650	11.83	38225	55000
	35°C	95°F	55000	5410	10.17	38500	55000
	41°C	105°F	54000	6650	8.12	37260	54000
	46°C	115°F	46000	5700	8.07	32660	46000
	54°C	129°F	28000	4450	6.29	19880	28000

Model	Air Flow Volume CFM	ESP (In.w.g)					
		0	0.1	0.15	0.2	0.3	0.4
MDUI18024	Low Speed	1050	940	910	850	720	600
	Medium Speed	1200	1070	1010	950	820	630
	High Speed	1280	1180	1130	1080	970	790
MDUI18036	Low Speed	1230	1100	1000	950	900	780
	Medium Speed	1315	1230	1190	1145	1050	900
	High Speed	1430	1325	1275	1225	1120	1050
MDUI18048	Low Speed	1650	1550		1470	1320	1210
	Medium Speed	1830	1730		1580	1500	1400
	High Speed	2000	1915		1810	1700	1590
MDUI18060	Low Speed	1850	1750		1600	1540	1440
	Medium Speed	2020	1930		1830	1730	1630
	High Speed	2100	2050		1950	1840	1750