

MRCOOL UNIVERSAL PERFORMANCE SPECIFICATIONS							
MDU18024	Outdoor Temperature		70°F(21°C)				
				Capacity	Power Input	HSPF	
Heating	°C	°F					
	-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	
	Outdoor Temperature		70°F(21°C)				
				Capacity	Power Input	EER	SHC
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)				
				Capacity	Power Input	HSPF	
Heating	°C	°F					
	-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	
	Outdoor Temperature		70°F(21°C)				
				Capacity	Power Input	EER	SHC
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)				
				Capacity	Power Input	HSPF	
Heating	°C	°F					
	-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
<b>MDUI18024</b>	Low Speed	1050	940	910	850	720	600
	Medium Speed	1200	1070	1010	950	820	630
	High Speed	1280	1180	1130	1080	970	790
<b>MDUI18036</b>	Low Speed	1230	1100	1000	950	900	780
	Medium Speed	1315	1230	1190	1145	1050	900
	High Speed	1430	1325	1275	1225	1120	1050
<b>MDUI18048</b>	Low Speed	1650	1550		1470	1320	1210
	Medium Speed	1830	1730		1580	1500	1400
	High Speed	2000	1915		1810	1700	1590
<b>MDUI18060</b>	Low Speed	1850	1750		1600	1540	1440
	Medium Speed	2020	1930		1830	1730	1630
	High Speed	2100	2050		1950	1840	1750