

# MULTICOOL ECOs OBSIDIAN WHITE MONOBLOCK HŐSZIVATTYÚK



## MONOBLOCK TERMÉKKÍNÁLAT

Kategoria	Egység	Hatékonyság [kW]			
		4	6	8	10
1 Fázisú modellek (V/~/Hz) 220- 240/1/50	Monoblock				
		MUM-PM01-04	MUM-PM01-06	MUM-PM01-08	MUM-PM01-10
3 Fázisú modellek (V/~/Hz) 380- 415/3/50	Monoblock				
		MUM-PM03-12	MUM-PM03-14	MUM-PM03-16	

## JELLEMZŐK ÉS FUNKCIÓK A HŐSZIVATTYÚRÓL

### ECOLOGY



R32 hűtő közeg



Alsó működési tartomány -25°C



Napi - Heti Időzítés



Fagyvédelmi Funkció



Nagy hatékonyságú kompresszor

### KOMFORT



Baktérium fertőtlenítés



Használati meleg víz akár 60°C



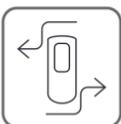
Nagyon csendes működés



Beépített Wifi Modul



Gyors Használati melegvíz



2 Zona

### KÉNYELEM

### TECHNOLOGIA



Energia hatékonyság A+++



Inverteres Technológia



Smart Grid



Szabadság üzemmód



Prémium kompresszor



Magyar nyelvű kezelő



Könnyű software frissítés



# MŰSZAKI ADATOK



# MULTICOOL MONOBLOCK

Device model			MUM-PM01-04	MUM-PM01-06	
Heating A7/W35 (1)	Efficiency	Power	kW	4.20	6.35
	consumption	COP	kW	0.82	1.28
Heating A7/W45 (2)	Efficiency	Power	-	5.10	4.95
	consumption	COP	kW	4.30	6.30
Heating A7/W55 (3)	Efficiency	Power	kW	1.13	1.70
	consumption	COP	-	3.80	3.70
Cooling A35/W18 (4)	Efficiency	Power	kW	4.40	6.00
	consumption	EER	kW	1.49	2.03
	Efficiency	Power	-	2.95	2.95
	consumption EER		kW	4.50	6.50
Cooling A35/W7 (5)	LTW = 35OC	LTW = 55OC	kW	0.82	1.35
	LTW = 35OC		-	5.50	4.80
	LTW = 55OC		kW	4.70	7.00
Seasonal energy efficiency class: heating (6)				1.36	2.33
				3.45	3.00
SCOP (moderate climate)				A+++	A+++
				A++	A++
Power		V/~ /H		4.97	4.95
				3.55	3.52
Maximum overcurrent protection		z	220-240/1/50	220-240/1/50	
Rated current		A	20	20	
Sound power level		A	18	19	
Sound pressure level (1m)		dB(A)	55	58	
Device dimensions (length x height x width)		dB(A)	45.0	47.5	
Device weight		mm	1295 x 718 x 429	1295 x 718 x 429	
Compressor		kg	86	86	
Type of expansion valve	Type	-	Dual Rotary DC Inverter	Dual Rotary DC Inverter	
Ref rigerant	(GWP)	-	R32 (675)	R32 (675)	
Operating range (outdoor air)	Quantity	kg	1.40	1.40	
	Cooling	°C	-5~43	-5~43	
Electric heater	Heating	°	-25~35	-25~35	
	DHW	°	-25~43	-25~43	
Water supply temperature range	Efficiency	kW	3	3	
	Degrees	°	1	1	
	Cooling	°	5-25	5-25	
Water connection	Heating	°	12-65	12-65	
	DHW	-	10-60	10-60	
Heat exchanger on the water side	Type	-	R1"	R1"	
Water pump	Plate	-	Plate	Plate	
	Lifting height	m	9	9	
Expansion tank	Capacity	L	8	8	

	MUM-PM01-08	MUM-PM01-10	MUM-PM03-12	MUM-PM03-14	MUM-PM03-16
	8.40	10.00	12.10	14.50	15.90
	1.63	2.02	2.44	3.15	3.53
	5.15	4.95	4.95	4.60	4.50
	8.10	10.00	12.30	14.10	16.00
	2.10	2.67	3.32	3.92	4.57
	3.85	3.75	3.70	3.60	3.5
	7.50	9.50	11.90	13.80	16.00
	2.36	3.06	3.90	4.68	5.61
	3.18	3.10	3.05	2.95	2.85
	8.30	9.90	12.00	13.50	14.90
	1.64	2.18	3.04	3.75	4.38
	5.05	4.55	3.95	3.60	3.40
	7.45	8.20	11.50	12.40	14.00
	2.22	2.52	4.18	4.96	5.6
	3.35	3.25	2.75	2.50	2.5
	A+++	A+++	A+++	A+++	A+++
	A++	A++	A++	A++	A++
	5.21	5.19	4.81	4.72	4.62
	3.36	3.49	3.45	3.47	3.41
	220-240/1/50	220-240/1/50	380-415/3/50	220-240/1/50	220-240/1/50
	25	32	27	27	27
	24	30	23	24	25
	59	60	65	65	68
	48.5	50.5	53.5	54.0	58
	1385 x 865 x 526				
	105	105	144	144	144
	Dual Rotary DC Inverter				
	Electric	Electric	Electric	Electric	Electric
	R32 (675)				
	1.40	1.40	1.75	1.75	1.75
	-5~43	-5~43	-5~43	-5~43	-5~43
	-25~35	-25~35	-25~35	-25~35	-25~35
	-25~43	-25~43	-25~43	-25~43	-25~43
	3	3	9	9	9
	1	1	3	3	3
	5-25	5-25	5-25	5-25	5-25
	12-65	12-65	12-65	12-65	12-65
	10-60	10-60	10-60	10-60	10-60
	R5/4"	R5/4"	R5/4"	R5/4"	R5/4"
	Plate	Plate	Plate	Plate	Plate
	9	9	9	9	9
	8	8	8	8	8

(1) Outdoor temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C.  
 (2) Outdoor temperature 7°C DB, 85% R.H.; EWT 40°C, LWT 45°C.  
 (3) Outdoor temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C.

(4) Outdoor temperature 35°C DB, EWT 23°C, LWT 18°C.  
 (5) Outdoor temperature 35°C DB, EWT 12°C, LWT 7°C.  
 (6) Seasonal energy efficiency class measured under average climate conditions. Relevant EU standards and regulations: EN14511; EN14825; EN50564; EN12102.

