

MRCOOL[®]

ELECTRIC STORAGE WATER HEATER

MTWH045**E



Easy Installation



Anti-bacterial Enameled Tank



Durable Brass Ball Valve



Flow Guide Self Cleaning



Ceramic Coated Heating Elements



Rare Earth Anode Rod

Efficient & reliable hot water for any home.



Version Date: 06-24-2025



MRCOOL®

Storage Water Heater

MTWH045**E

This electric storage water heater is designed to provide efficient and reliable hot water for every home. With a patented Rare Earth Anode rod that has a 50% longer lifespan than the competition, they're built to last for years to come.

MODEL		MTWH04530E	MTWH04540E	MTWH04550E
CAPACITY	GALLONS	30	40	50
RATED POWER	W	4500	4500	4500
VOLTAGE	V	240	240	240
FREQUENCY	HZ	60	60	60
CURRENT	A	18.75/16.25	18.75/16.25	18.75/16.25
FHR	GALLONS	47	55	64
RECOVERY RATE (90° F RISE)	GPH	21	21	21

INNER TANK

THICKNESS	MM	2	2	2
	INCH	.07	.07	.07
COATING		ENAMEL	ENAMEL	ENAMEL
THICKNESS	MM	0.25-0.5	0.25-0.5	0.25-0.5
INNER TANK DIAMETER	MM	549	549	604
	INCH	21.6	21.6	23.66
AVERAGE INSULATION	MM	54	54	54
	INCH	2.12	2.12	2.12
EXTERNAL DIMENSIONS	MM	Φ549 x 932	Φ549 x 1162	Φ604 x 1161
	INCH	36.4 x Φ21.6	45.5 x Φ21.6	45.6 x Φ23.8
PACKING SIZE	MM	650 x 650 x 1044	650 x 650 x 1274	701 x 701 x 1273
	INCH	25.2 x 25.2 x 40.5	25.2 x 25.2 x 49.5	27.2 x 27.2 x 49.5
NET/GROSS WEIGHT	KG	45/50	52/58	58/65
	LB	99.2/110.2	114.6/127.8	125.8/143.3
TEMPERATURE RANGE	°F	89.6 - 150.8	89.6 - 150.8	89.6 - 150.8
MAX WORKING PRESSURE	Mpa	1.03	1.03	1.03
MAX TEMPERATURE	°F	170.6	170.6	170.6

OUTER CABINET

MATERIAL		SPCC	SPCC	SPCC
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ANODE

MATERIAL		MAGNESIUM	MAGNESIUM	MAGNESIUM
SIZE	MM	Φ22 x 440	Φ22 x 530	Φ22 x 580

HEATING ELEMENT

MATERIAL		ENAMEL	ENAMEL	ENAMEL
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WATER CONNECTION

SIZE	INCH	NPT 3/4"	NPT 3/4"	NPT 3/4"
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