

# Reverse Osmosis

## Economy Direct Flow RO Systems



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# Domestic Direct Flow Reverse Osmosis Units

## Models: ROU-054 & ROU-055

Under counter type, 5 stage, direct flow Reverse Osmosis system. Used in domestic kitchens, restaurant kitchens, small bottling lines and any other single point of use applications where required volume of pure water exceeds the capabilities of smaller domestic RO systems.

### Unit Design:

**Frame:** Mild steel epoxy coated mounting bracket.

**Pre filtration:** 5 and 1 micron pre filters for the removal of suspended solids.  
Activated carbon block for the removal of chlorine.

**Pressure switches:** low pressure on feed, high pressure on brine concentrate.

**Pressure pump:** 36V AC booster pump with transformer.

**Membrane:** Spiral Wound– 300gal

**Post Membrane:** Inline GAC taste and odour removal filter

**Storage tank:** N/A

**Faucet:** ACF-04 elegant faucet.

**Other:** Installation kit, inlet solenoid valve, quick connect push in fitting, waste fitting, connecting pipe work.

Technical Data		ROU-054	ROU-055
Permeate Flow Rate	l/h	45	80
Min Salt Rejection	%	97	97
Recovery	%	+/-25	+/-48
Operating Pressure	bar	4-6	4-6
Membrane No		1	2
Voltage	V/Hz	220 /50	220 /50
Feed Water Connection	Inch	3/8	3/8
Permeate Water Outlet	Inch	1/4	1/4
Brine Water Outlet	Inch	1/4	1/4
Min / Max inlet pressure	bar	1 / 2	1 / 2
Max ambient Temperature	°C	40	40
Length	mm	370	370
Width	mm	230	230
Height	mm	470	500
Weight approx.	kg	13	14

All information shown on this data sheet is based on average conditions. Values may change based on feed water conditions and all systems are subject to modifications.