

Water & Energy
Hot Water Energy Storage
GB

NEW
Range Tribune MXi
PV-Enabled and Smart
Tariff Ready Cylinders
from Kingspan

Product Overview

Range Tribune MXi

Unvented Hot Water Cylinders Powered by mixergy® Smart Technology



kingspancylinders.com



Product Info

Range Tribune MXi

All cylinders supplied with:



Inlet control set
with balanced cold



Acetal
tundish



Temperature &
pressure relief
valve



Pump

Introduction

The Range Tribune MXi: A revolutionary new unvented cylinder featuring Mixergy smart technology. These indirect cylinders use Mixergy's thermal sensor that runs down the whole length of the inner vessel and combined with the novel top-down heating method allows total control, enabling users to select precisely how much of the cylinder to heat for their basic needs.

The cylinder can then top up using any surplus electricity from solar PV to heat more of the water for FREE or access discounted electricity from smart tariffs offered by utility companies.

Notably, the Range Tribune MXi will soon be recognised in SAP and is pending Appendix Q listing, enabling developers to enhance their build's SAP rating and optimise their build costs, offering not only a better-performing structure but also real added value for buyers.



Key Features:

- PV diverter enabling the use of FREE electricity from solar PV panels
- Mixergy smart controls, including machine learning to optimise energy usage
- Grid-enabled for use with smart energy tariffs* from your electricity company
- Control the cylinder from a smart phone or smart speaker** with the Mixergy app
- Choose what percentage of the cylinder is heated to meet your basic needs
- Mains pressure hot water (regulated up to 3 bar) for powerful showers
- Good flow rates for fast filling of baths, ideal for multiple bathrooms
- Advanced coil-in-coil heat exchanger design for optimum heat transfer
- Titanium immersion heater
- Heat-pump ready with auxiliary flow and return bosses to connect an external plate heat exchanger
- Oxygen purge welded Duplex stainless steel inner vessel for superior corrosion resistance†
- Guaranteed‡ for 25 years on Duplex inner vessel against manufacturing defects and 2 years on parts

* Subject to availability from your utility provider

** Google Assistant or Amazon Alexa

‡ In comparison with non oxygen purged welding processes



Titanium immersion heater



PV diverter



Potable water expansion vessel



Two port valve



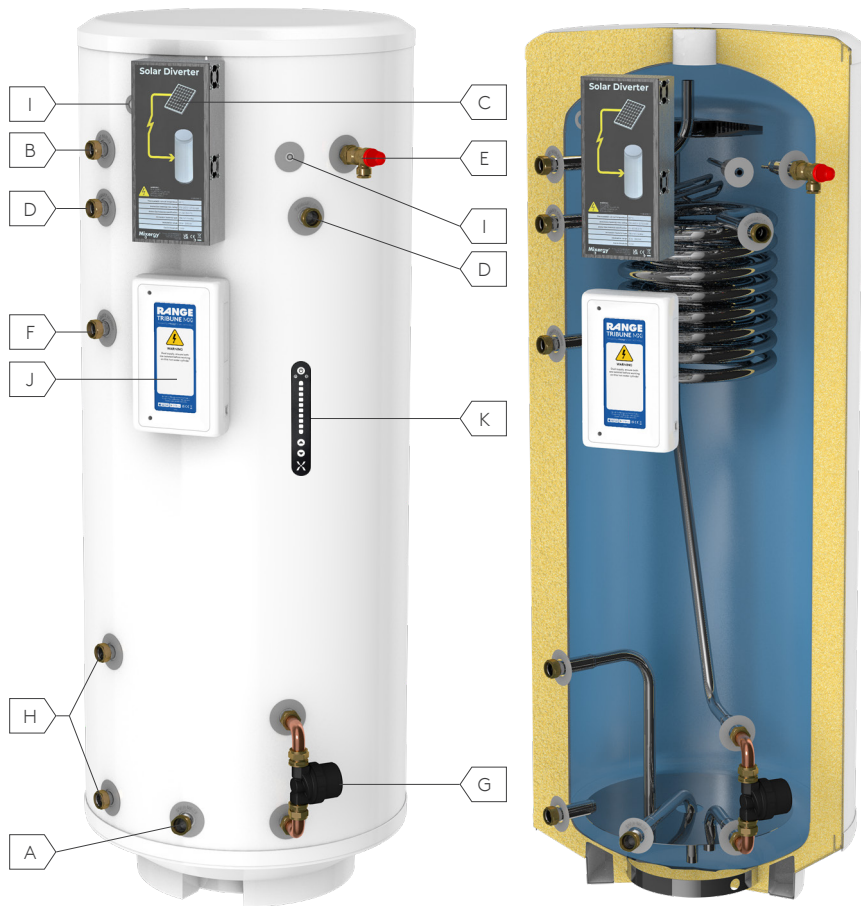
Powerline ethernet adapter & cable



Mixergy control gauge

Connections

- A 22mm Cold feed
- B 22mm Hot water outlet
- C Immersion heater with PV diverter
- D 22mm Boiler coil connections
- E Temperature & pressure relief valve
- F 22mm Secondary return (for cylinders with a capacity of 220L and above only)
- G Pump assembly
- H 22mm Auxiliary flow and return bosses for plate heat exchanger
- I Auxiliary thermostat pocket
- J Wiring centre
- K Mixergy control gauge



Code:	Nominal Cap. (L)	Height (mm)	Diameter (mm)	Heat Loss (kW/24h)	Actual Volume (L)	Coil Rating (kW)	ErP Rating	Standing Loss (W)
MXPV130TNERP	130	1000	583	1.33	130.0	19.9	C	56
MXPV160TNERP	160	1186	583	1.27	160.0	21.9	B	53
MXPV190TNERP	190	1368	583	1.52	189.0	23.9	C	64
MXPV220TNERP	220	1558	583	1.63	219.0	23.8	C	68
MXPV260TNERP	260	1805	583	1.73	257.5	24.1	C	73
MXPV310TNERP	310	2075	583	1.69	302.0	23.8	C	71

All dimensions ±3mm unless stated otherwise.

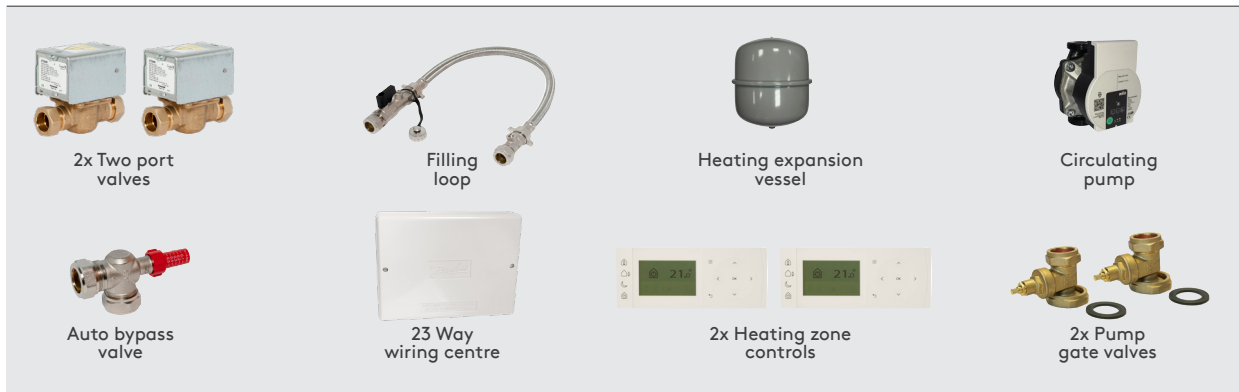
All guarantees subject to Terms and Conditions including an annual servicing requirement.

Range Tribune MXi with heating kits

Heating Kits

The Range Tribune MXi cylinders are also available with twin zone heating kits. To order a cylinder with heating kit, just amend the code by adding "UPT" for a twin zone before ERP. For example a MXPV160TNERP would become MXPV160TNUPTERP to add the kit.

Twin Zone Heating Kit:






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