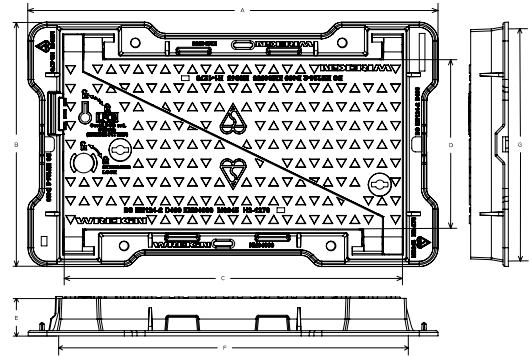


DMH0D4/9045/K

Vault D400 manhole cover 900mm x 450mm clear opening with 100mm frame depth (made to order)



CHARACTERISTIC	VALUE
Range	Vault
Clear opening (mm)	900 x 450
Overall frame (mm)	1,090 x 650
Frame depth (mm)	100
Options	<ul style="list-style-type: none"> ▶ Flood and odour control plate ▶ Safety grille ▶ Pressure relief holes



SPECIFICATION

GENERAL INFORMATION

Stock code	DMH0D4/9045/K
Primary material	Ductile iron
Range	Vault
Category	Manhole cover
Flanges	4

STANDARDS, CLASSES AND GROUPINGS

Standards	BS EN 124-2 BRE PN111 DMRB MCHW
BS EN 124 Class	D400
BS EN 124 Group	4
Third party certified	BRE LPCB Kitemark

DIMENSIONS

Frame shape	Rectangular
Manhole shape	Rectangular
Overall frame (A x B)	1,090 mm x 650 mm
Clear opening (C x D)	900 mm x 450 mm
Frame depth (E)	100mm
Base opening (F x G)	925 mm x 475 mm

EPD DATA

Total life cycle (cradle to grave) 246.09 kg CO₂ equivalent



FEATURES

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- ✓ The enlarged frame corners help to dissipate loads onto the foundation, providing a longer service life and increased reliability.
- ✓ Indexed corners ensure correct orientation first time, every time.
- ✓ Features an LPCB Level 3 lock, offering an unrivalled level of high security.
- ✓ Safety keyway prevents accidental disengagement of the lifting key during the handling process.
- ✓ Safety-stop hinges prevent covers from falling once opened.
- ✓ Covers open sequentially, with standard BS7903 lifting keys.
- ✓ Mechanical lifting points are provided.
- ✓ 70+ PSRV tested at top surface of chequer by UKAS accredited 3rd party.
- ✓ Secured with a turnbuckle lock.

AVAILABLE OPTIONS

- ✓ **Flood and odour control plate**
The flood and odour control plate is manufactured from steel and provides resistance to flood-water ingress and the chamber-odour egress.
- ✓ **Safety grille**
Safety grilles prevent accidental chamber falls. Available in a variety of configurations; including bars and mesh as drop-in or hinged.
- ✓ **Pressure relief holes**
Pressure relief holes provide additional airflow, with sizes permitted up to the maximum allowances specified in BS EN 124.

ACCESSORIES

STOCK CODE	DESCRIPTION
PC/UNIFORM/151076	Uniform chamber adjustment unit 760mm x 100mm x 15mm
PC/UNIFORM/251076	Uniform chamber adjustment unit 760mm x 100mm x 25mm
PC/UNIWEDGE/755012	Uniform support wedge 120mm x 50mm x 75mm
YPCR/U12.5	12.5Kg Unipak® rapid curing polyester resin mortar
YPCR/U25	25Kg Unipak® rapid curing polyester resin mortar
KEY/MC	Lifting key for turnbuckle lock on our Vault range of covers
KEYS/L	Small cover combined lifting key
KEY/LONG	Large cover lifting keys with a long handle (sold as a pair)
GRITBLOCKER	Anti-blockage keyway insert
SCREWLIFT	Simple and rapid manhole frame levelling system. Simply push the bushes into the holes in the flange and adjust the levelling screws to the required height.

NOTES

- Can be manufactured on request, [please contact the sales team](#) for more information.

- ▶ Wrekin Products Ltd is continually seeking to improve our products and therefore reserves the right to alter product specifications without prior notice.
- ▶ It is the responsibility of all users to satisfy themselves the above data is current.
- ▶ All values stated are nominal within 2.5% tolerance.
- ▶ Installation details are available in the [knowledge base](#).
- ▶ All Wrekin products are supplied subject to our [Terms and Conditions of Sale](#).

