



AUSTRALIAN OWNED
KILN MAKERS
SINCE 1967

KILN VENTILATION

Ventmaster

Downdraft fume extraction for Woodrow MK kilns

The Ventmaster draws kiln fumes down through the chamber and out a 100 mm duct to the outside, so they don't linger in your kiln room. It runs with every firing.



AT A GLANCE

FITTING	Factory fitted — order it with a new kiln
MODELS	MyKiln range, MK60 to MK500
AIRFLOW	About 35 L/sec (2,067 L/min)
DUCTING	100 mm PVC to outside, up to 30 m
EXHAUST	Mixed with room air to stay below 75 °C
OPERATION	Runs automatically with the kiln program

PRICE
AUD incl. GST

\$1,496

WHY FIT A VENTMASTER



Fumes out

Fumes and odours are drawn out at the kiln and vented outside.



Element life

Moisture and corrosive gases are carried out of the chamber.



Even firing

A gentle downdraft helps even out chamber temperatures.



Cooling

Can help the kiln cool down after a firing.



WOODROW KILNS
Woodrow Kilns Pty Ltd
ABN 64 086 103 415

VISIT
28 Marshall St
Dapto NSW 2530

CONTACT
(02) 9191 7372
kilns.com.au

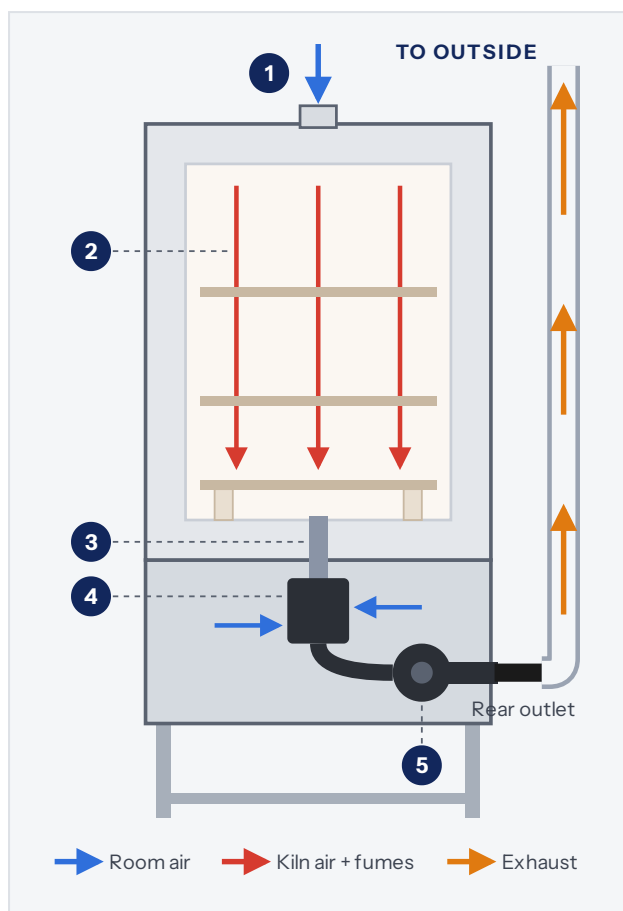


**AUSTRALIAN OWNED
KILN MAKERS
SINCE 1967**

HOW IT WORKS

A gentle downdraft through the kiln

A small fan under the kiln keeps the chamber at a slight negative pressure. Fumes are pulled down and out through the floor, mixed with cooler room air, then sent outside.



- 1 Fresh air in**
Room air enters through the small hole in the roof bung.
- 2 Down through the chamber**
Air and fumes are drawn gently downward past your work.
- 3 Out through the floor**
They leave through the extraction tube in the centre of the kiln floor.
- 4 Cooled with room air**
The collector cup mixes in room air, so the exhaust stays below 75 °C.
- 5 Vented outside**
The blower pushes it out the rear outlet and along the 100 mm duct to the outdoors.



The blower sits in the lower compartment, inside the kiln's footprint.

⚠ FOR FUMES, NOT SMOKE

For normal kiln fumes and odours only — not smoke, fire control or general room ventilation. Investigate any visible smoke before firing again.

⚠ CONNECT BEFORE FIRING

Don't fire until the outlet is connected to a fixed 100 mm PVC duct venting outdoors — never into a ceiling, roof space or corridor.



WOODROW KILNS
Woodrow Kilns Pty Ltd
ABN 64 086 103 415

VISIT
28 Marshall St
Dapto NSW 2530

CONTACT
(02) 9191 7372
kilns.com.au

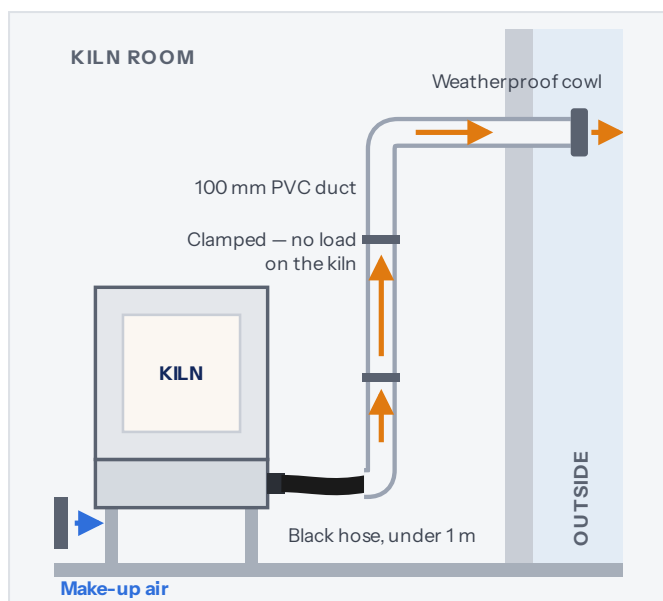


AUSTRALIAN OWNED
KILN MAKERS
SINCE 1967

INSTALLATION

Planning your kiln room

Your installer fits the duct to the outside — share this page with them.



SUPPLIED WITH YOUR KILN

- ✓ Blower and collector cup, factory fitted
- ✓ About 1 m of black hose and two clamps
- ✓ Roof bung with centre hole, and a solid door bung
- ✓ Brick feet for the floor shelf, and a brick block

YOUR INSTALLER SUPPLIES

- Rigid 100 mm PVC duct, fittings and wall clamps
- A weatherproof, non-restrictive outlet cowl
- Wall or roof penetration and fire-stopping
- Make-up air vent, if the room needs one

DUCT LENGTH LIMITS

90° BENDS	0	1	2	3	4
MAX LENGTH	30 m	27 m	24 m	21 m	18 m

Measure from the kiln outlet to outside, including the hose. Each 90° bend takes about 3 m off; two 45° bends count as one. More? Ask us first.

INSTALLATION ESSENTIALS

Smooth PVC all the way

No reducers or metal duct — kiln fumes are corrosive.

Let fresh air in

The room needs make-up air.
Schools: use a low-level grille.

Keep the black hose short

A short link only. Don't coil, kink or stretch it.

One duct per kiln

Never join kilns into a shared duct.

Vent to open air

Away from windows and intakes, with a weatherproof cowl.

Room heat is separate

Enclosed rooms may need their own exhaust fan.



WOODROW KILNS

Woodrow Kilns Pty Ltd
ABN 64 086 103 415

VISIT

28 Marshall St
Dapto NSW 2530

CONTACT

(02) 9191 7372
kilns.com.au



**AUSTRALIAN OWNED
KILN MAKERS
SINCE 1967**

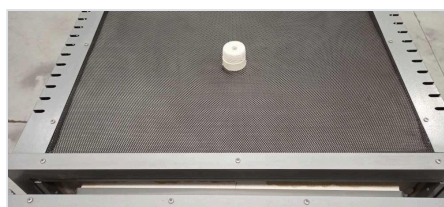
EVERY FIRING

Nothing extra to switch on

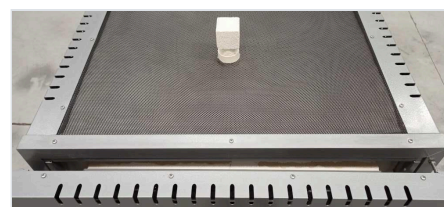
It runs with your kiln program. Just set the kiln up like this:



- 1 Raise the floor shelf**
Sit it on the supplied brick feet so the centre extraction hole stays clear.



- 2 Fit both bungs**
The bung with the hole goes in the roof, the solid bung in the door.



- 3 Bisque: cover at glow**
Once the kiln glows (about 600–750 °C), cover the roof bung with the brick block.

SIMPLE CARE

BEFORE EACH FIRING

Hose clamped, outside cowl clear
Room make-up air open
Bungs fitted, floor hole clear

MONTHLY / 10 FIRINGS

Vacuum loose dust (kiln cold, power off)
Check hose for cracks or kinks
Don't dismantle the fan or wiring

EVERY 12 MONTHS

Technician inspection, recommended for schools
Fan and hose are service parts

STOP AND CALL US BEFORE THE NEXT FIRING IF YOU NOTICE

- Stronger odours or visible fumes in the room
- Little or no airflow at the outside outlet
- Rattling, grinding or a fan that won't start
- Water or residue in the hose or duct

ORDER WITH YOUR NEW KILN

\$1,496 incl. GST. Call us, or send an enquiry at
kilns.com.au/contact

(02) 9191 7372



WOODROW KILNS
Woodrow Kilns Pty Ltd
ABN 64 086 103 415

VISIT
28 Marshall St
Dapto NSW 2530

CONTACT
(02) 9191 7372
kilns.com.au