



**TURNER
HASTINGS**
EUROPEAN DESIGN

Hyde Concealed Ceiling-mounted Sensor Urinal Flush Valve Kit

The Turner Hastings Hyde concealed sensor is intelligently designed to be installed above the ceiling, with no penetration required! Using microwaves, the beam passes through up to 9mm thick fibro.

Benefits of this system include direct sensing which means it only detects users of the urinal. This ensures water savings, reduced water costs, and increased hygiene as the urinal flushes automatically after usage. It is also direct mains flushing and is situated in the ceiling and unseen, which ensures no vandalism or rubbish put into cisterns and reduces maintenance.

The sensor intelligently senses across the front of the urinal, and not all directional into the room, as not to sense passers-by.

This system is fully WELS and Watermark approved to Australian standards.



MODELS AVAILABLE

CODE	FEATURE
UF4HCSS	Single Solenoid Valve
UF5HCDS	Double Solenoid Valve
UF6HCDH	Single Directional Horn

PURPOSE

1.8 metres of wall (typically 1-3 urinals) – Flushes all simultaneously
 3.6 metres of wall (typically 4-6 urinals) – Flushes all simultaneously
 Single urinal – the horn component ensures very accurate directional sensing, allowing one urinal to be flushed at a time

PACKAGE INCLUDES



Urinal Control
Module



Wiring



24V Adapter



15mm Solenoid
valve



15mm x 40mm air
gap



Single Directional
Horn (Supplied only
with product code:
UF6HCDH)

Components not included (required):
Isolation valve
Y Strainer

TIMING AND CONTROL MODULE

Turner Hastings Hyde control module has adopted a straightforward delay and flush principle of operation, which is offered with customised timing to suit special requirements and adjustable microwave beams to suit special traffic flow situations. The Control Modules electronics comprise the latest in available proven microprocessor technology. This ensures accurate user sensing and timing sequences as well as assisting in the control of power surges. A programme flush is incorporated if your urinal is not used within a six-hour period to ensure your system has some continuity even when not in use.

HOW IT WORKS

The system controller sends a signal to the Solenoid Valve approximately sixty seconds after detection of the user. The signal opens the Solenoid Valve for a period of time (adjustable on the Control Module) to flush the urinal. An adjustable lockout period (adjustable on the Control Module) then applies. Any movement detected during this period is received but not acted upon. During the entire lockout period no additional flushes will occur, however if, and only if, a user has been sensed a flush will be activated at the end of the lockout period or the cycle will start again when the next user is sensed. If no user is sensed for a period of six hours a flush will occur automatically.

24V ADAPTER SPECIFICATIONS

Double insulated AC plug pack.

Input 240v AC 50 Hz.

Output 24v AC 750mA - 1A.

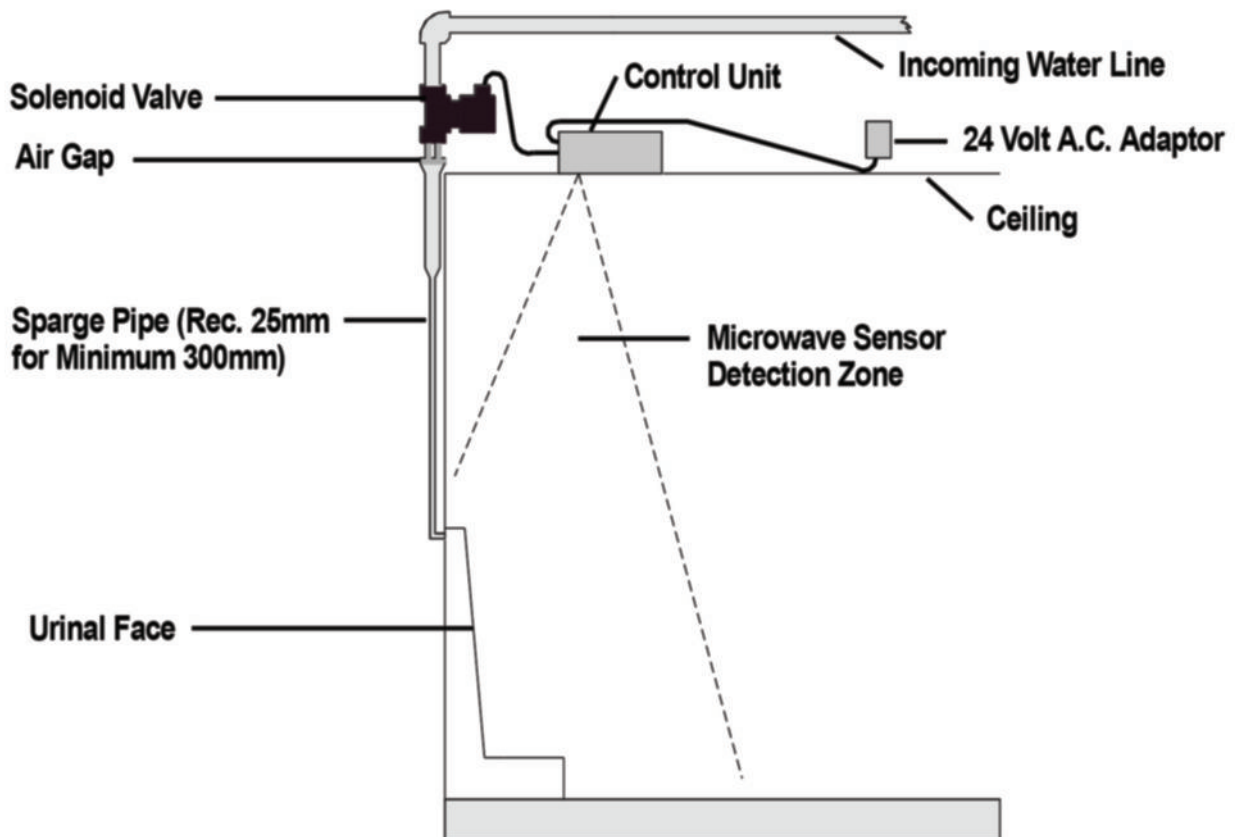
Cord length - Approx 1.8m.

Size 8cm x 5.5cm x 6cm

Plugs supplied 2.5mm DC type.

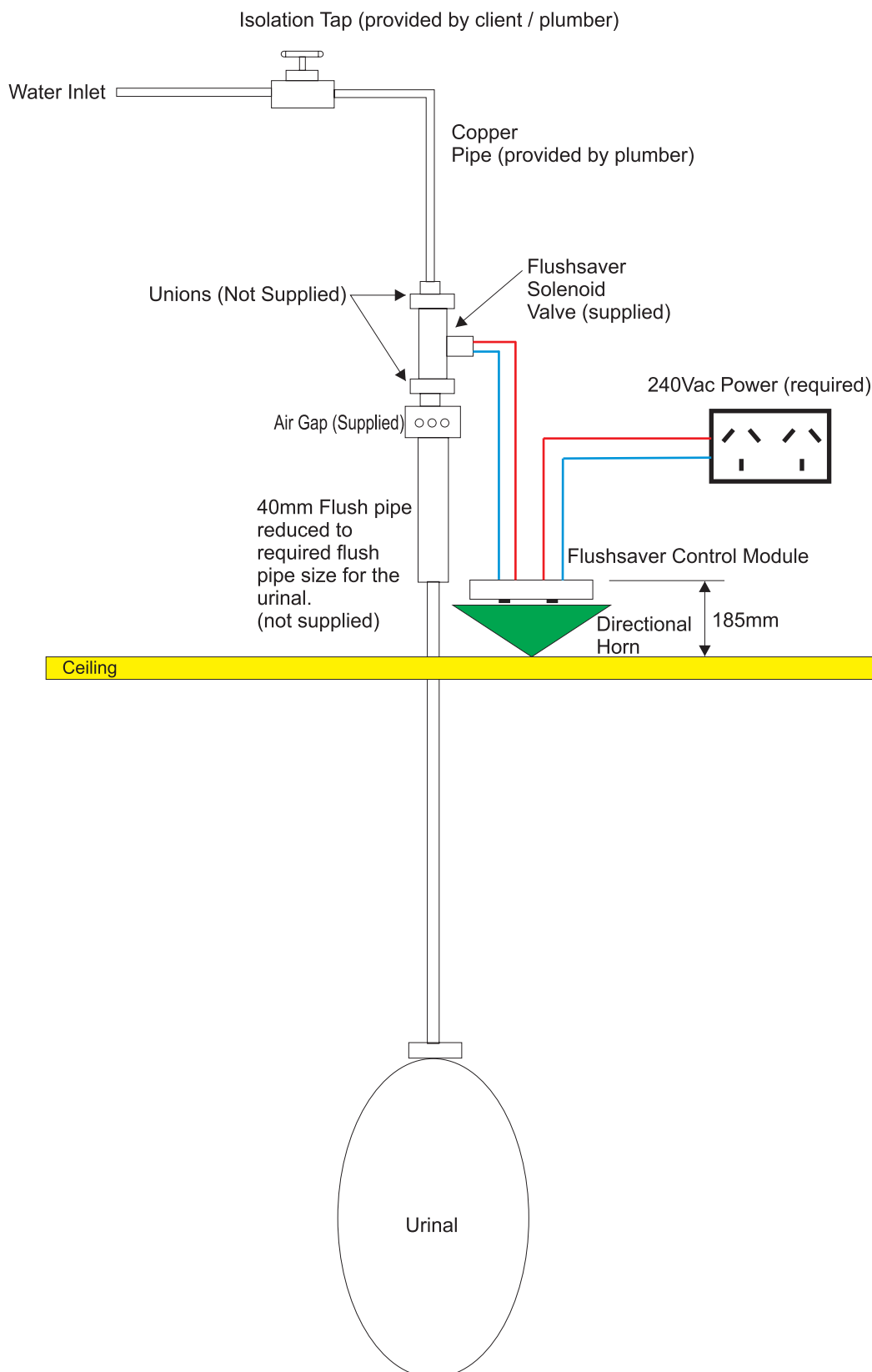
Energy authority approval No. W/2354.

PREFERRED TYPICAL LAYOUT



Preferred Typical Layout - Not To Scale

LAYOUT FOR SINGLE DIRECTIONAL HORN (CODE: UF6HCDH) ONLY



WARRANTY 12 months.

We strongly recommend that you use a qualified and registered plumber and electrician. You must ensure all pipe work is flushed adequately, particularly in new builds or where lines have been disrupted. Components of sensor products are particularly susceptible to debris and will require more thorough flushing than a standard plumbing fixture.