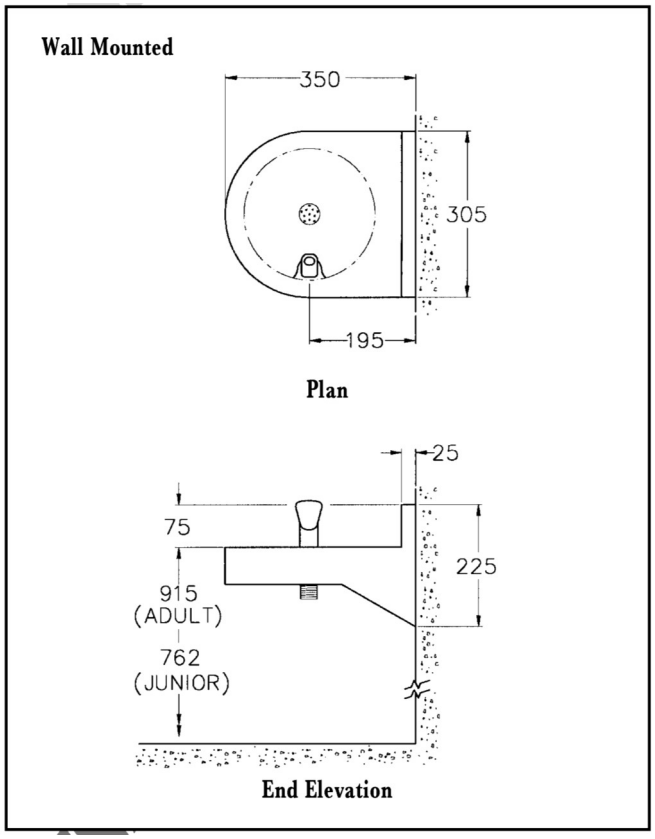
WALL MOUNTED DRINKING FOUNTAIN

PRODUCT CODE
461-WRAS

MAY 2016



Installation

The drinking fountain should be installed with the top edge horizontal and the edges sealed against the wall with a permanent impermeable joint.

The drinking fountain should be fitted to the wall at a height shown on the drawing. The wall-mounting bracket should be screwed to the wall in a horizontal position, the drinking fountain mounted on it, and then secured to the wall through the fixing holes at the rear of the body using suitable fasteners for the wall construction.

The flush grated waste fitting and the bubbler valve should be fitted into the appropriate holes. The black rubber washer should be fitted over the brass inlet nipple and located into the recess in the base of the bubbler valve body. The valve body should be fitted into the hole on the fountain top ensuring that the anti-rotation pin is engaged into the notch.

The valve should be secured from underneath the fountain top using the stainless steel washer and brass nut. A coupler is provided to connect the inlet nipple to 15mm dia pipe. A suitable thread sealant approved for potable water should be used. The waste fitting should be connected to a proprietary trap and waste pipe.

Prior to final connection the water supply pipe should be flushed through to ensure that no debris is allowed to enter the valve cartridge which may affect its performance.

Water Flow Adjustment

If required, adjustment of the water flow through the bubbler should be done using a separate valve installed before the fountain inlet connection.

Earthing Continuity

All drinking fountains are provided with a number of fixing points on to which an earthing continuity wire with an end terminal can be secured.

Warning

If the drinking fountain is to be mounted outside, in accordance with good plumbing practice the supply and valve should be isolated and drained down during winter months to prevent freezing.

Suitability of Drinking Fountains / Water Coolers for outdoor use

Acorn Thorn Ltd. uses the term “Drinking Fountain” to describe a unit that is mains fed water but is not chilled. The term “Water Cooler” is used for units which are mains fed and chilled using refrigerant and a mains powered compressor unit.

Acorn Thorn stocks the following ranges which are all manufactured by the Acorn Group:

APINOX Drinking Fountains
ACORN AQUA Water Coolers
MURDOCK External Drinking Fountains

APINOX
This is a robust range of wall mounted and floor standing Drinking Fountains in very wide use particularly in educational establishments. These units are suitable for indoor use or, subject to certain precautions, outdoor use.

For outdoor use it is essential that the water supply is turned off during frosty weather AND the valve is allowed to drain completely. The “bubbler valve” is often referred to as a “tap” by customers but the correct term is “bubbler valve”. The bubbler valve contains a cartridge which controls the water flow. If water is left in the cartridge during frosty weather, the water will expand if it freezes and will cause the cartridge to split. This will result in a constant leak or flow of water. The cartridge may be replaced with ease.
It is generally considered that the cost of occasional replacement of relatively inexpensive cartridges (should they fail) is preferable to the supply of units designed to be freeze resistant. The cost of supply and installation of freeze resistant fountains is considerably greater. This reasoning applies particularly to educational establishments.

ACORN AQUA
This range of water coolers comprises wall mounted DDA / ADA units, wall-recessed units and a remote chiller option. They are supplied as standard with bubbler valves but may also be fitted with bottle filler spouts in addition to the bubbler valve. These units are refrigerated using a mains powered compressor. For this reason they are NOT recommended for external use.

MURDOCK
This a range of very heavy duty Drinking Fountains designed specifically for outdoor use. These are used in parks and at heritage sites where a free standing outdoor fountain is desirable. Many of the range are available in “freeze resistant” versions. These units are provided with deep bury valves (up to 1 metre depth) and installation requires trenching of the water supply line to the depth that matches the chosen bury depth of the valve. These options can be better understood by visiting our web site and selecting “Murdoch” from the products range.

BOTTLE FILLERS
Very often, it is a requirement that a unit has to be supplied for bottle/cup filling rather than as a drinking fountain with a bubbler valve. Bottle fillers may be supplied with APINOX units but these are then described as “Bottle Filling Fountains” rather than drinking fountains. The Apinox range can be either/or drinking fountain/bottle filling fountain but not both. An exception to this general rule is the floor standing combination drinking fountain and bottle filling stations, models 451 and 452.

The ACORN AQUA range is supplied as standard with bubbler valves but may be supplied with an additional bottle filler therefore providing a dual purpose fountain.
Bottle fillers with exposed rather than concealed recessed spouts can, by their nature, be susceptible to vandalism. For safety reasons they are not designed to withstand heavy impact (and therefore abuse). We recommend that bottle fillers should only be installed in areas where there is reasonable supervision or where there is a low risk of vandalism.

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