

Cocky Valve “Deflectors” Data Sheet.

When we first developed our valves, they were designed for large round concrete troughs and installed UNDER the finished water level of the trough. What we did not anticipate was the variety of installations where our valves would be used. It soon became apparent that many farmers were installing our valves into “Coffin Style” troughs which are widely used by farmers with sheep. In these troughs the inlet is regularly positioned on the end wall but above the water level and the trough has a small cover that protects the valve from stock.

Our valves discharge the water sideways so as not to stir up the muck in a conventional round trough, however when installed in the Coffin Style troughs they spray the water out sideways like a butterfly wings.



In order to overcome the water spaying up under the cover, I designed a Deflector.



It does not affect the infill flow volume whatsoever, but it does deflect the in-flow down into the trough. These can be retrofitted without the need to remove the Valve. If there is any slight leakage experienced at the back of the valve after fitting these deflectors, we recommend that a small “smear” of a silicon sealant be applied to completely close the gap between the deflector and the valve body. This is only an issue in a very small percentage of installs where EXTREME in-fill pressures are encountered.

These deflectors are available in three sizes:

00113	SS DEFLECTOR GUARDS TO SUIT 19MM (3/4") & 25MM (1") VALVE BODY
00120	SS DEFLECTOR GUARDS TO SUIT 32MM (1 1/4") & 38MM (1 1/2") VALVE BODY
00151	SS DEFLECTOR GUARDS TO SUIT 50MM (2") VALVE BODY