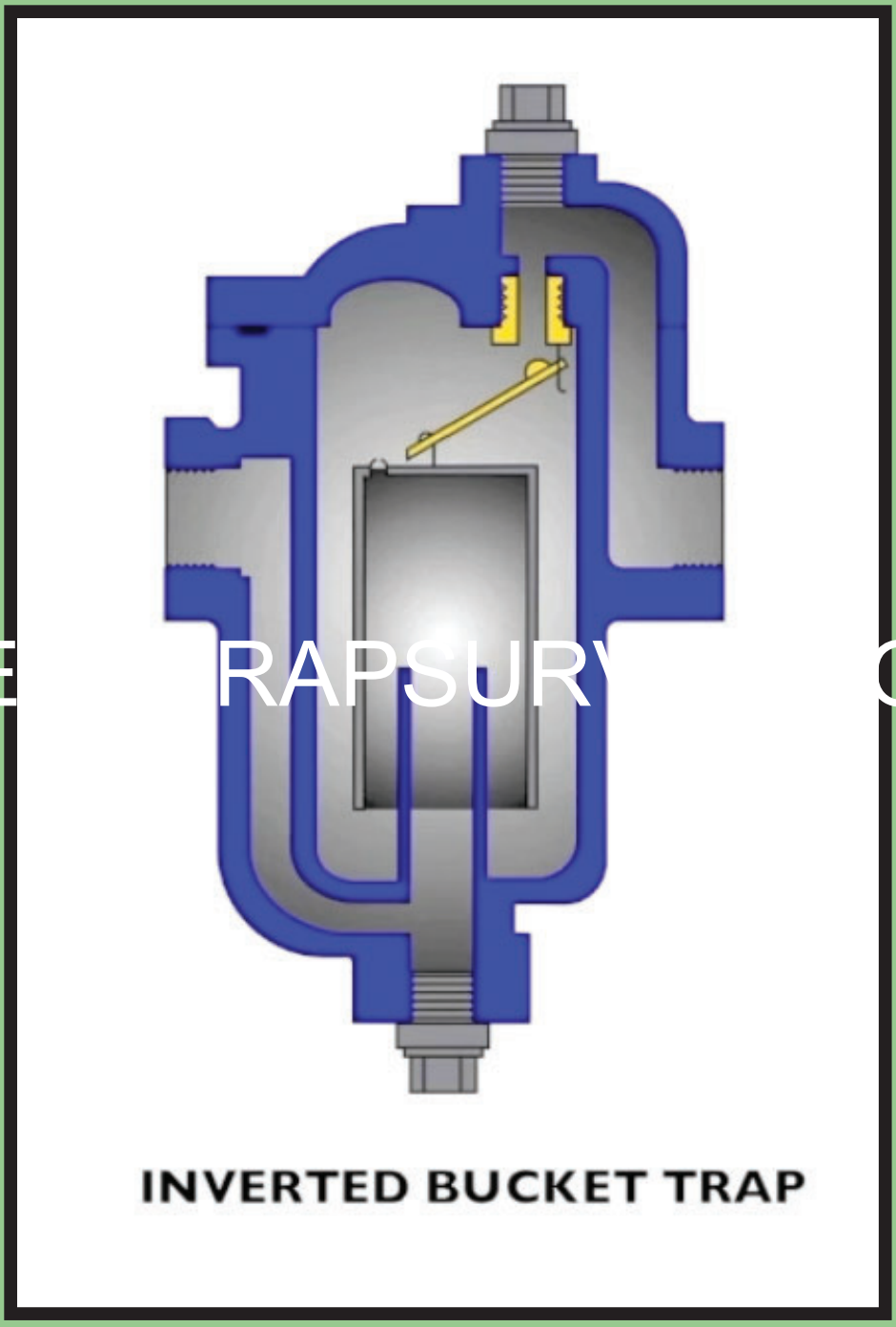
INVERTED BUCKET



INVERTED BUCKET TRAP

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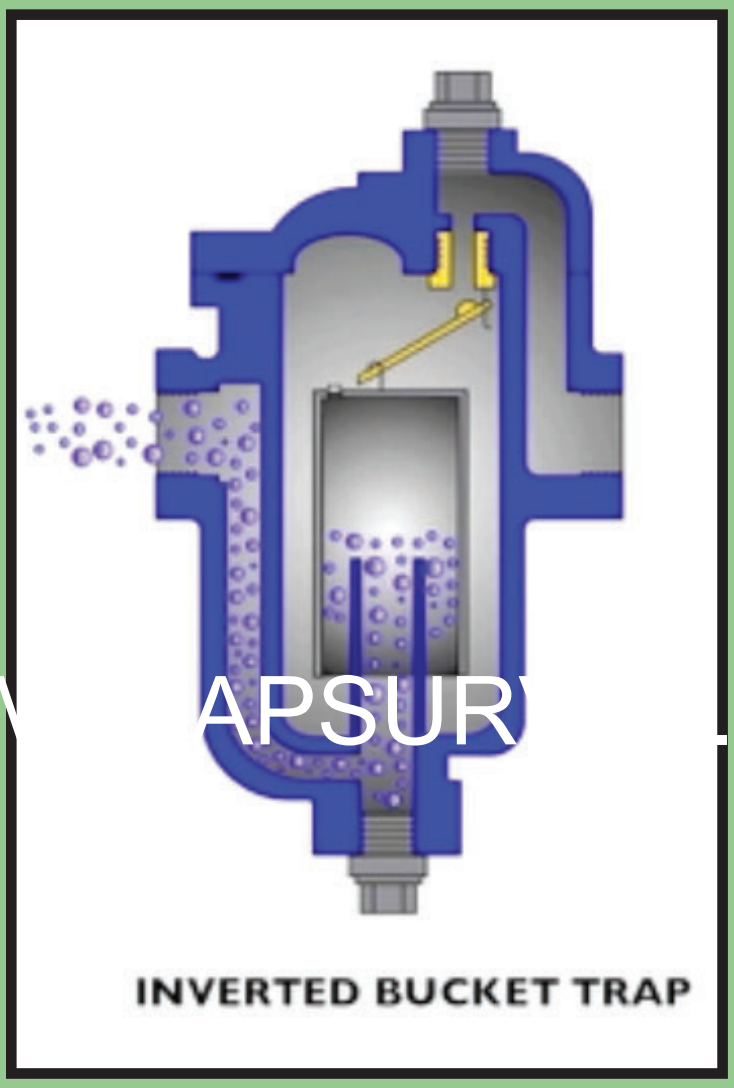
INVERTED BUCKET



The trap body normally fills with condensate

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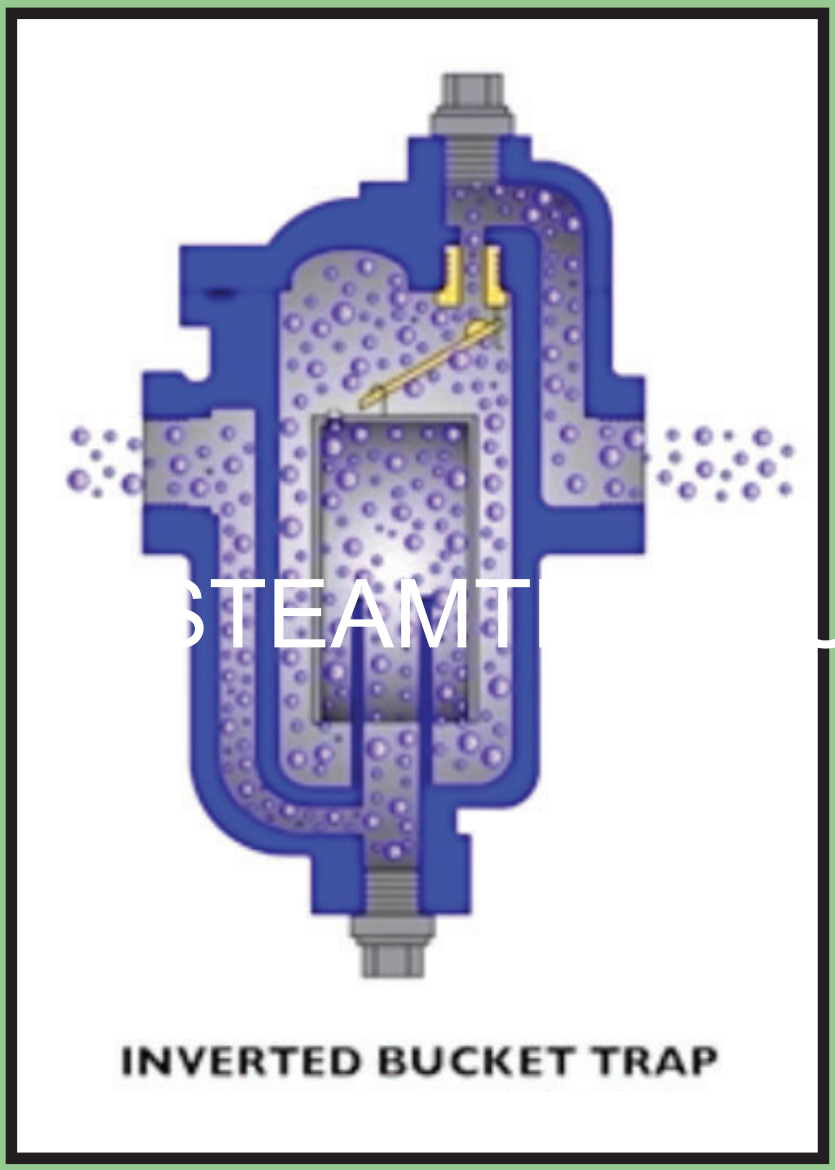

This forms a seal around the inverted bucket, which serves as a float operating the discharge valve.

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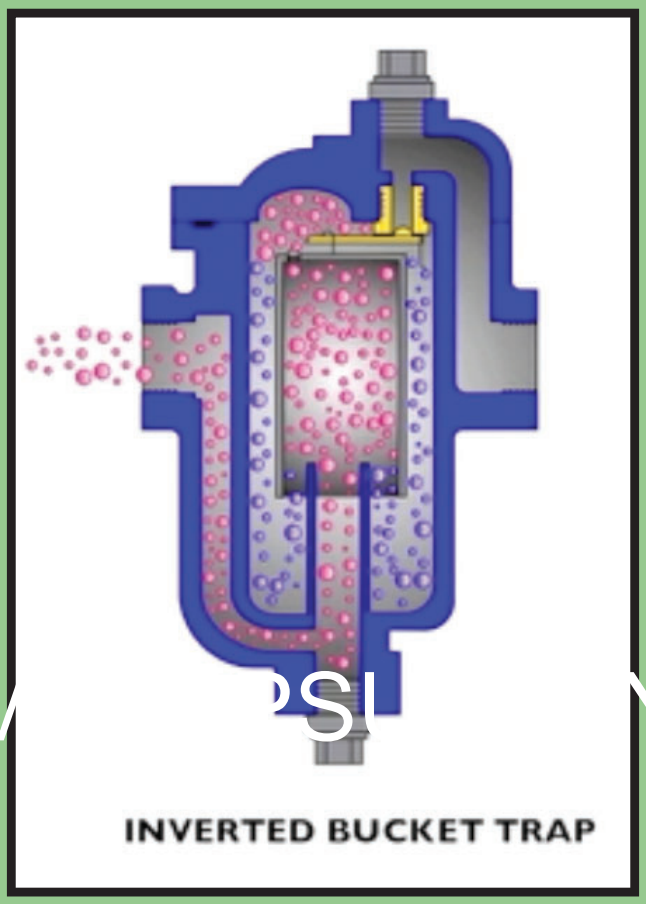

Live steam entering the bucket floats the bucket to close the valve.

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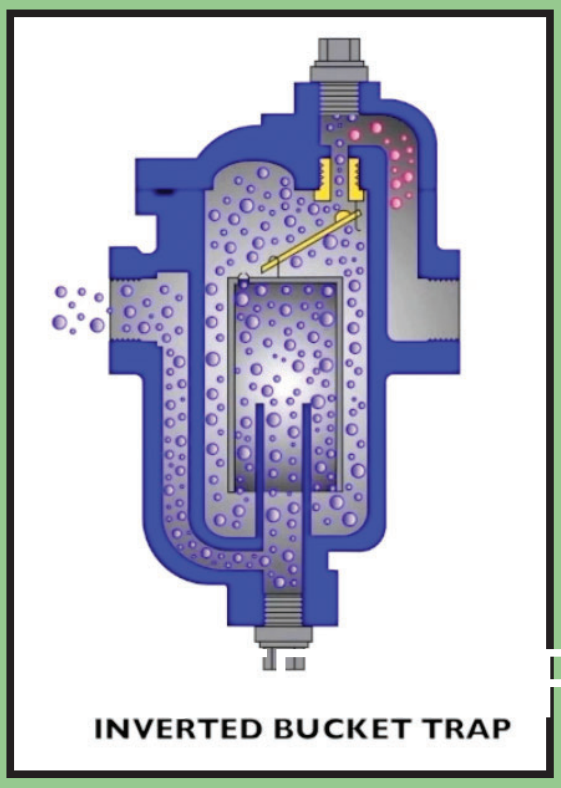
INVERTED BUCKET



During the closed period, condensate collects in the piping at the inlet side of the valve until enough of the steam floating the bucket escapes through a vent hole in the top of the bucket, allowing the bucket to drop and the valve to open.

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INVERTED BUCKET

INVERTED BUCKET TRAP

The condensate is discharged, followed by steam, which is required to actuate the float mechanism.

INVERTED BUCKET

Some inverted bucket traps are fitted with an auxiliary bimetal air vent.

Depending on the application, an external strainer and check valve may be required.

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