



Sand Control Technology

STOP SAND PUMPING
STABIZE PRODUCTION
REDUCE SCREEN EROSION
IMPROVE WATER QUALITY
REDUCE COST OF OWNERSHIP

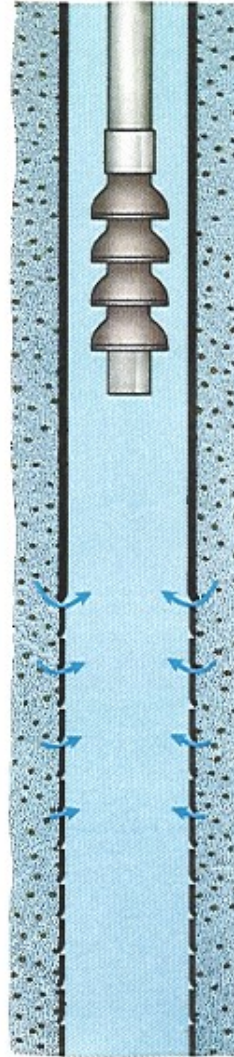
LIMIT MINERAL PRECIPITATION
MINIMIZE PUMPING COST
EXTEND WELL & PUMP LIFE

For new or existing wells

Municipal * Industrial
Adapts to either turbine or
submersible pumps

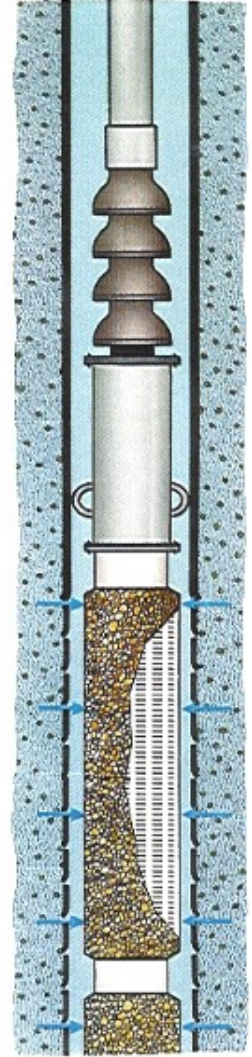
NSF 60 certified

**WELL WITHOUT
LAMNAFLO
SUCTION CONTROL**



- HIGH VELOCITY FLOW
- HIGH DRAWDOWN
- HIGH SAND CONTENT
- HIGH RATE OF WELL DETERIORATION
- HIGH MAINTENANCE COST

**WELL WITH
LAMNAFLO
SUCTION CONTROL**



- LOW VELOCITY FLOW
- INCREASED SPECIFIC CAPACITY
- SANDFREE WATER
- EXTENDED WELL LIFE
- REDUCED MAINTENANCE AND ENERGY COSTS

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ELIMINATE SAND FROM WELL WATER

The unique design of the LAMNAFLO Suction Flow Control System reduces water inflow velocities by evenly distributing the suction flow over a much larger area of the well. The slower moving water cannot erode the formation and entrain sand suction eventually entering the pump intake and water distribution system. This eliminates a myriad of problems associated with sand intrusion. Water output rates are maintained at the pump's maximum GPM potential.

INCREASE SANDFREE WATER OUTPUT

The LAMNAFLO system draws water from a significantly larger portion of the water producing zone of a well. This reduces water velocity, eliminates turbulent water flow, and often produces a shallower "cone of depression" within the producing strata. This allows more water production for a given drawdown increasing the "wire to water" efficiency and overall productivity of the well. More water can be pumped from the well while at the same time reducing drawdown and eliminating sand-related problems.

REDUCE OVERALL OPERATING COSTS

Total well operating costs are reduced in two important areas. Eliminating sand in the withdrawn water reduces wear on the well screen and pumping equipment. Water storage facilities and distribution system problems are also substantially reduced. LAMNAFLO increases pumping efficiency resulting in energy savings as high as 20%. Sand separators can be removed, saving as much as 10-psi pressure loss.

EXTEND WELL LIFE

Problems such as sand blockage of the well screen, gravelpack settling and sand filling of the well are eliminated. LAMNAFLO is not a filter and has no moving parts; therefore, it solves the problems associated with sand intrusion, improves pumping efficiency and increases well and equipment life without requiring any maintenance of its own.

REDUCED COST OF OWNERSHIP

The elimination of sand wear on the pumping equipment will extend the pumps operational life cycle. In addition, the slow laminar flow from the formation will minimize any pressure drop as the water enters the well, reducing a precipitation of minerals, and extending the time between well rehabilitations.



For more information, visit our web site at www.lamnaflo.com.

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