

M70/H52 316 Stainless steel topping pump



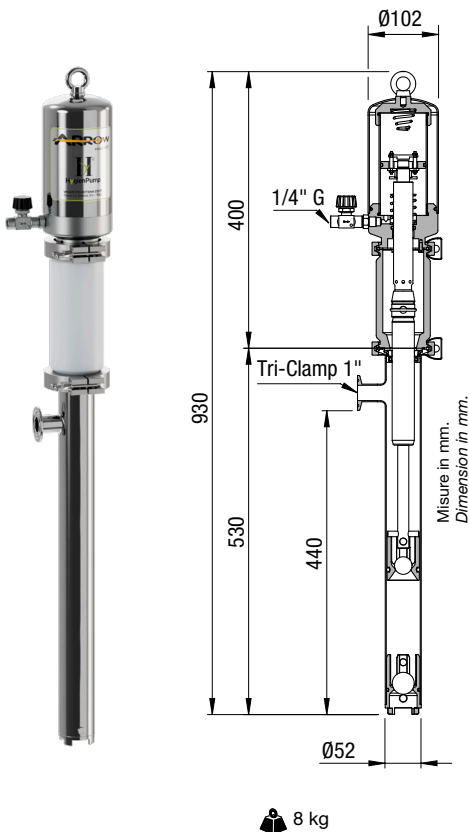
FIELD OF APPLICATION

It is a pump 2:1 with a **hygienic design**, easy to handle and versatile, it has **variable flow rates up to 11 l/min** (water) with a short suction tube for small jugs. It can be used for **medium viscosity fluids (up to 40.000 cP)** is made in **AISI 316** suitable for any **food product**, in this version it is especially suitable for **ice cream toppings** for anyone who requires a **very hygienic pump** that is quickly disassembled for cleaning or sanitizing the single components. To use with toppings, if reduced flow is necessary, there is a **ball valve with partial closure** on the outlet.

MAIN FEATURES OF HYGIENE PUMPS

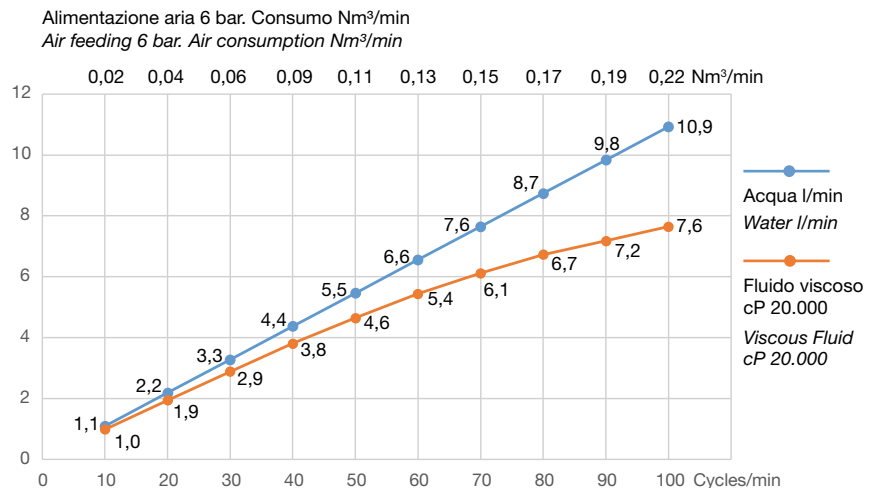
They are **pumps based on a new design**, created to be quickly disassembled by hand without the need for any special tools. The functional concept is based on an alternating piston with ball check valves, the **flow and head are adjustable**, they are designed for **viscous food products and cosmetic fluids** or also for production processes for **medical creams**. The part in contact with the product is made entirely in **AISI 316 Stainless steel**, the **FDA** gasket seals are made in **NBR or FKM, UHMWPE, or PTFE**.

The **gasket seal on the shaft does not require adjustment**, and is efficient with any viscosity and pressure, and also is long-lasting. These pumps do not require any special maintenance, are sturdy, and reliable, **easy to disassemble for periodical cleaning or for sanitizing the single components**. The complete range can be supplied with **ATEX Zone certification** for the motor section and **ATEX Zone 0** for the pump immersed in liquid. This therefore makes them **suitable for use in potentially explosive atmospheres**.



TECHNICAL DATA

Maximum cycles/minute	100 cycles/min
Air consumption at 100 cycles/min	0,22 Nm ³ / min - Power supply 6 bar (87 psi)
Delivery at 100 cycles/min	11 liters/min (Free flowing water)
Delivery per cycle	0,11 liters per Cycle (Free flowing water)
Ambient air temperature	0 °C at + 40 °C
Maximum fluid temperature	+ 85 °C
Fluid outlet	1" Tri-Clamp
Compression ratio	2:1
Air inlet	1/4" G
Air pressure	up to 6 bar (87 psi)
Pump components	316 Stainless steel with parts in PTFE, UHMWPE, FKM, NBR FDA



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