



iNTELPUMP

The iNTELPUMP is designed to sense the level of milk in the receiving can via a stainless steel float and then cycle the milk pump contactor according to the level.

The iNTELPUMP can be customised to individual installations by adjusting the internal timers and can be configured with different settings for wash & milk.

Additional features such as the ability to pump out the receiving can at the end of milking, wait for milk to settle in the delivery line then using the milk purge valve inject compressed filtered air in the milk delivery line to push it out to the bulk milk tank. The iNTELPUMP will also perform a controlled shutdown where it will pump out the remaining milk in the receiver then perform a milk purge if fitted.

When networked to an iNTELSTART the system can be programmed to switch the plate heat exchanger pump or solenoid valve on & off at the same time as the milk pump during milking thereby reducing water usage. The iNTELSTART will also turn the water off automatically during the wash cycle, eliminating the risk of accidental cooling of hot wash water.



KEY FEATURES

- Programmable pump timers, can be customised
- Different settings for wash & milk
- Controls the 'Milk Purge Valve'
- Controls the 'Milk / Wash' sequence
- Controlled "Off" sequence
- "Remote Pump Out" switch capable

SYSTEM FEATURES

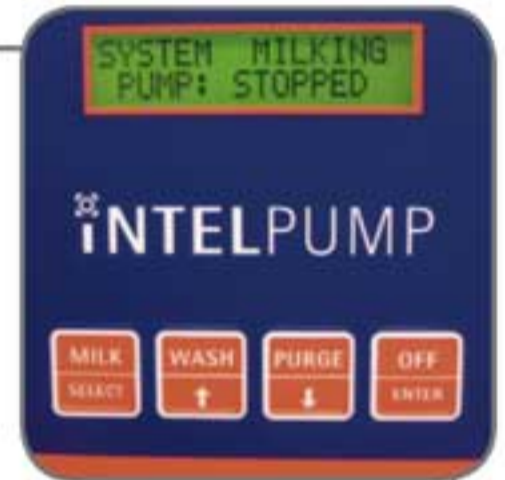
- RUN ON TIME 1-60 seconds
- PUMP OUT TIME 1-30 seconds
- MILK / WASH DELAY 1-60 seconds
- MILK CLEAR TIME 1-60 seconds
- INJECTOR ON TIME 1-60 seconds
- ACTUATOR CYCLE TIME 1-60 seconds
- ACTUATOR ON TIME 1-30 seconds
- PUMP OFF DELAY 1-120 seconds
- NETWORK - Yes, automatic initiation of milk, wash and off modes



OPERATOR INFORMATION AT MILKING TIME

On screen optional display

- Modes - Milk, Wash and Off
- Pump Running or Stopped
- Milk to Wash Transition
- Pumping Out
- Milk to Purge



OPERATOR FUNCTIONALITY

Operator adjustable from front cover

- Keys include Milk, Wash, Purge and Off





SPECIFICATIONS

iNTELPUMP

OPERATING VOLTAGE	12-15V AC or DC
CONTROLLER OUTPUT	Milk pump contactor 250V, 3 amps max
PURGE VALVE OUTPUT	12V DC
OVERLOAD PROTECTION	Yes - Sub miniature fuses
INPUT PROTECTION	Polarity protected
ENCLOSURE	165mmH x 220mmW x 110mmD
IP PROTECTION	IP55

MILK FLOAT

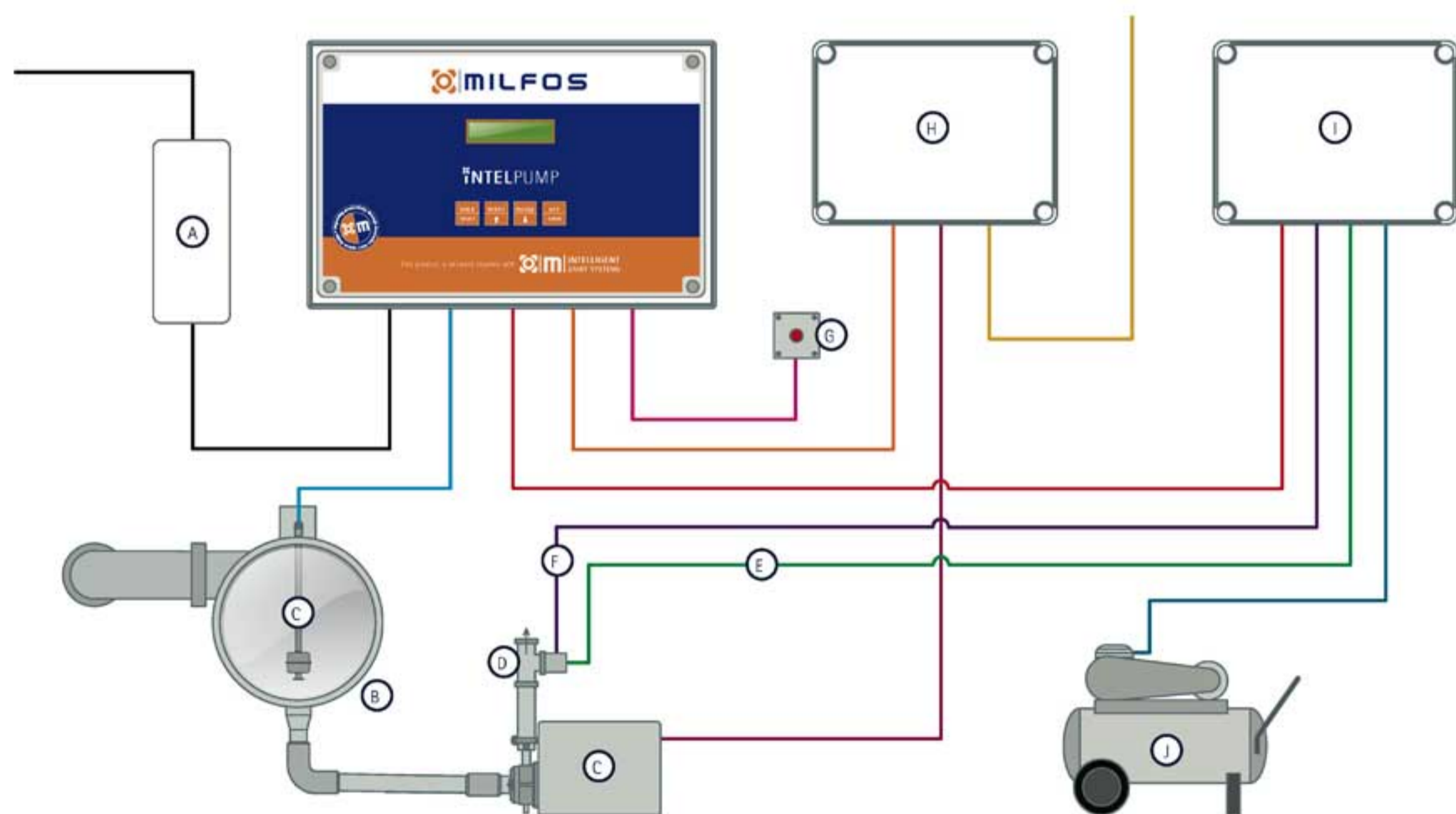
MATERIAL	Fully stainless steel / gland nut food grade acetal
RECEIVER HOLE SIZE	20mm required
STEM SIZE	480mmL x 18mmW
FLOAT SIZE	51mmL x 51mmW
FLOAT TRAVEL	110mm

POWER SUPPLY

INPUT VOLTAGE	240V AC 50/60HZ
OUTPUT	12V DC output 1 amp
ENCLOSURE	88mmH x 68mmW x 59mmD



iNTELPUMP



- (A) Power supply 12V DC
- (B) Receiving can
- (C) Milk float
- (D) Milk pump

- (E) 6mm tube
- (F) 10mm tube
- (G) Remote switch
- (H) Motor starter and overloads

- (I) Pneumatic valve box
- (J) Compressor 12CFM minimum