



iPULSE

iPULSE is a new generation of pulsator, engineered for long life even in the harshest working environment.

One pulsator is designed to handle one or two cluster assemblies. iPULSE is sealed from water and moisture contamination. Electrics are housed away from the pulsator chamber.

The precision electronics deliver a perfectly controlled pulse to the cluster, providing accurate milking and rest phases for optimum milking performance. Front and rear milking ratios are possible along with variable pulsation rates.

Indicators under the front cover show coils being energized for visual reference. The on-board filtering system reduces noise for whisper quiet operation.

Pre-wired waterproof plugs are supplied as standard.

Transparent inlet manifold show fluids that may enter the pulsator for early detection. Contaminants can now be flushed through the system with clean water.

The unique "quick release" clamping system makes installation and servicing simple.

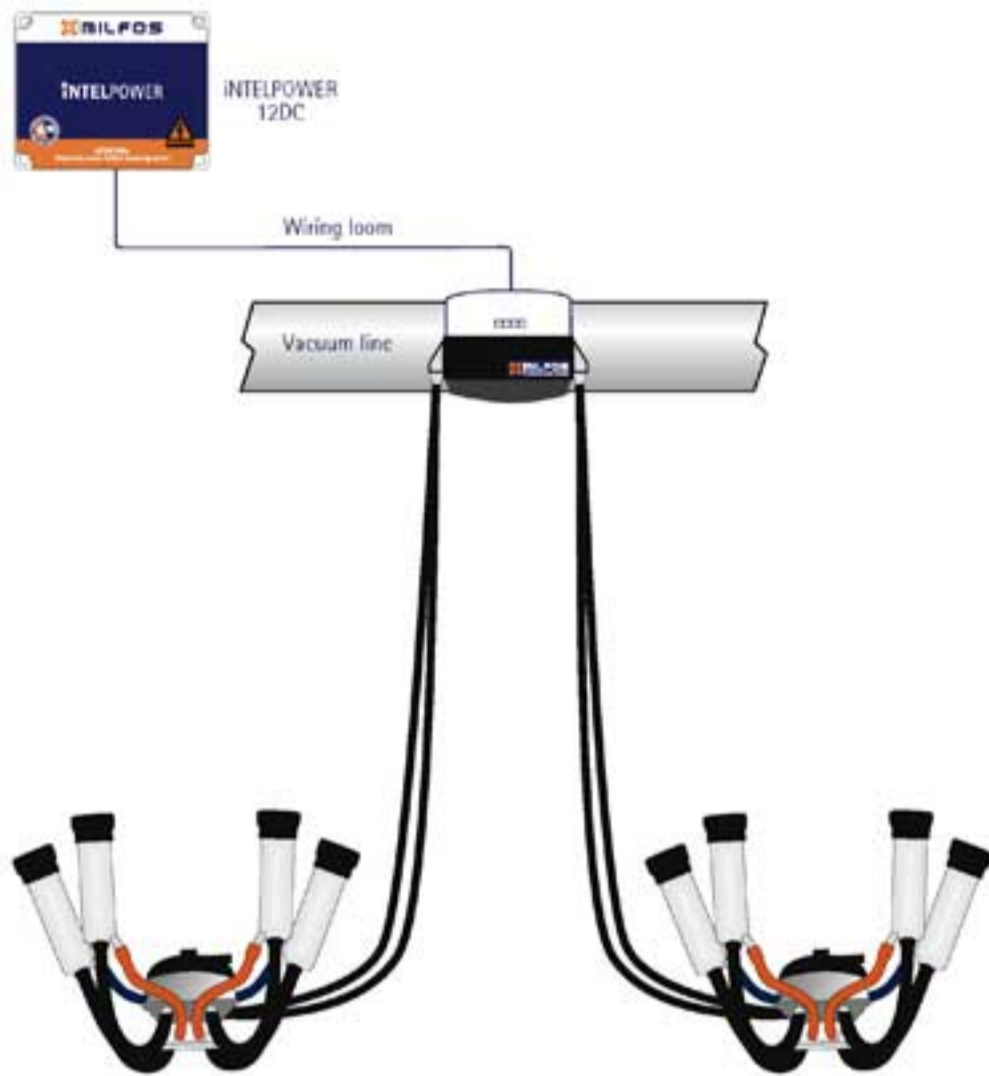
KEY FEATURES

- Accurate pulsation for optimum milking performance
- One pulsator capable of handling two cluster assemblies
- Front & Rear milking options
- Adjustable rate and ratios
- Transparent inlet manifold for early warning of split liners
- Sealed from water



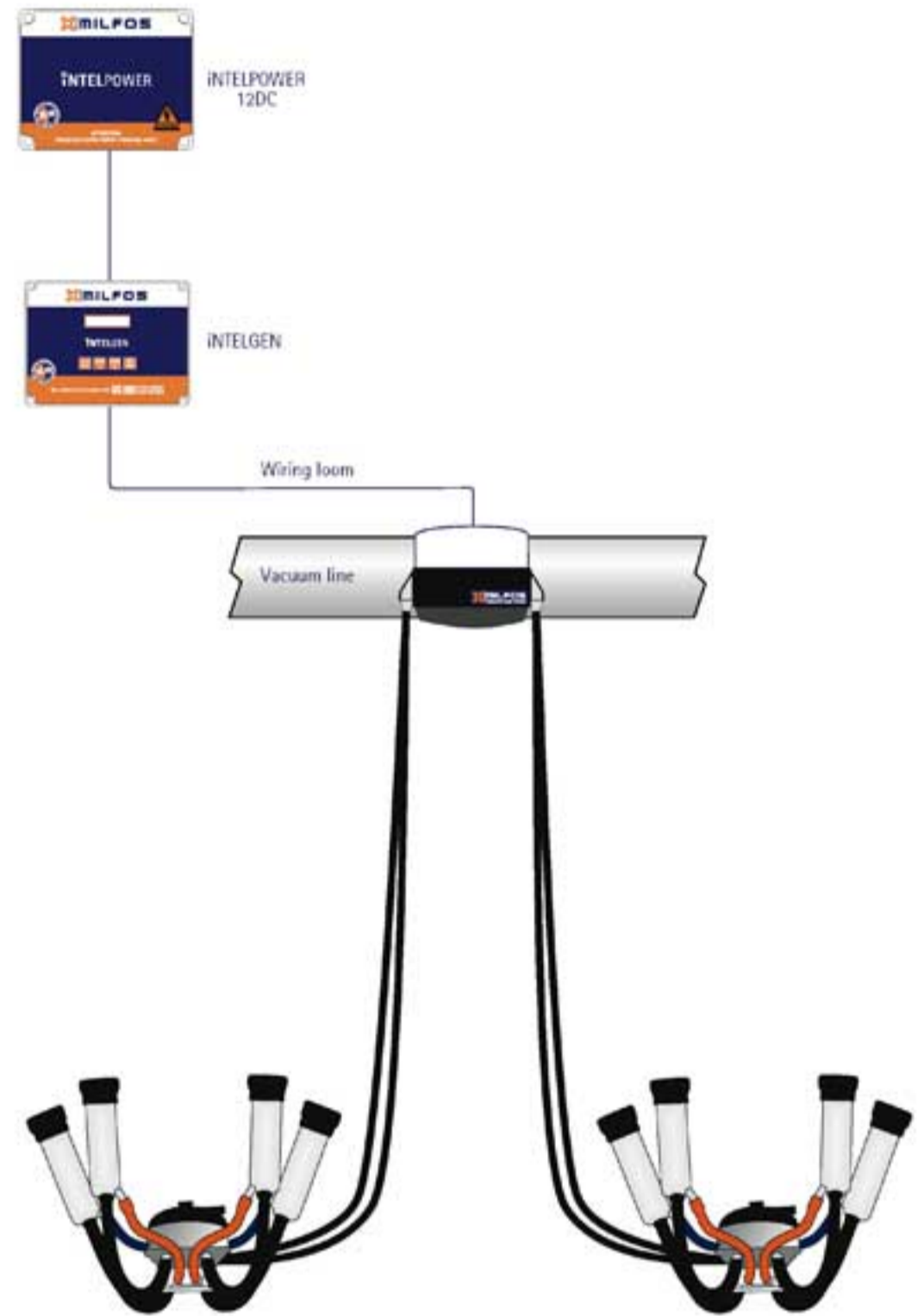
iPULSE 'ST' SERIES

- Suitable for one or two cluster assemblies
- On-board controller for stand alone operation
- LED screen indicates mode and operation
- Adjusted by infra red remote controller
- Quick release mounting clamp suitable for 50, 63, 76, 90mm pipelines



iPULSE 'MC' SERIES

- Suitable for one or two cluster assemblies
- Controlled by iNTELGEN
- Quick release mounting clamp suitable for 50, 63, 76, 90mm pipelines



SPECIFICATIONS - iPULSE PULSATOR

OPERATING VOLTAGE	12 or 24V
CURRENT CONSUMPTION	0.25 amps per solenoid 0.5 amps per pulsator
RATIO	Dependant on generator settings
RATE	Dependant on generator settings
OPERATING VACUUM	40kpa to 50kpa
NOMINAL VACUUM CONSUMPTION PER PULSATOR	(Assuming typical cluster with 2.5m long air tube) 1 Cluster - 33ltrs air/min, 2 Clusters - 66ltrs air/min
PULSATION CAPACITY	Up to eight standard cow milking shells i.e. two cluster assemblies which have pulse tubes 8mm in diameter not exceeding 3m long, or one cluster assembly which has pulse tubes 8mm in diameter not exceeding 5m
FLYING LEAD	Three-core 0.5mm square cable
DIMENSIONS	80mmL x 133mmW x 60mmD
WEIGHT	0.57kg

SPECIFICATIONS - iNTELPOWER

MODELS	12/10 (10 amps), 12/20 (20 amps)
INPUT VOLTAGE	110 - 240 volts A/C 50/60HZ
OUTPUT	12 or 24V, 10 amps & 20 amps
OUTPUT PROTECTION	Electronic protection over 105% load
ENCLOSURE	220mmL x 270mmW x 105mmD

