



iNTELGEN

INTELLIGENT PULSATION GENERATOR

The iNTELGEN features front and rear, or standard milking ratios for a clean and even milk-out of the animal.

The operator can adjust the pulsation rate to tailor the milking speed to the animal's production from the front cover.

Additional features such as pulsation delay, an aid to bring the milking system up to operating vacuum quickly thus saving time and eliminating the vacuum pump from operating un-lubricated is supplied as standard.

The Controller output has three channels for true cascade operation of the pulsators. This reduces the vacuum demand in the pulsation airline.

A pre-set wash rate and ratio has also been included to increase the agitation and quality of the wash.

The on-board hour meter ensures that your maintenance programme is kept up to date.



KEY FEATURES

- 50/50, 55/45, 60/40, 65/35 & 70/30 ratios available
- 50-60ppm adjustable in 1 pulse per minute increments
- 0-120 second pulsation delay time
- Milk / wash pulsation rates
- Suitable for 50 clusters
- Goat & sheep software available for higher rates and ratios
- Hour meter

SYSTEM FEATURES

HOUR METER

FRONT RATIO (MILK MODE)

- 50/50, 55/45, 60/40, 65/35, 70/30

REAR RATIO (MILK MODE) -

50/50, 55/45, 60/40, 65/35, 70/30

FRONT RATIO (WASH MODE) - 50/50, 55/45, 60/40, 65/35, 70/30

REAR RATIO (WASH MODE) - 50/50, 55/45, 60/40, 65/35, 70/30

MILK PULSE RATE - 50-60, pulses per minute in 1 pulse increments

WASH PULSE RATE - 50-70 pulses per minute in 1 pulse increments

START UP DELAY TIMER - 5-120 seconds

NETWORK - Yes, automatic initiation of milk, wash and off modes

MENU DISABLE - Yes, locks user from front cover adjustment



OPERATOR INFORMATION AT MILKING TIME ON SCREEN DISPLAY

- Modes - milk, wash and off
- Pulse rate
- Front & rear ratios
- Operational hours



OPERATOR FUNCTIONALITY OPERATOR ADJUSTABLE FROM FRONT COVER

- Keys include milk, wash, setup and off plus select, increase, decrease and enter
- Increase / decrease pulse rate
- Increase / decrease ratio



iNTELPPOWER

- Switch mode technology for clean and filtered output
- Output protection
- Splash proof enclosure





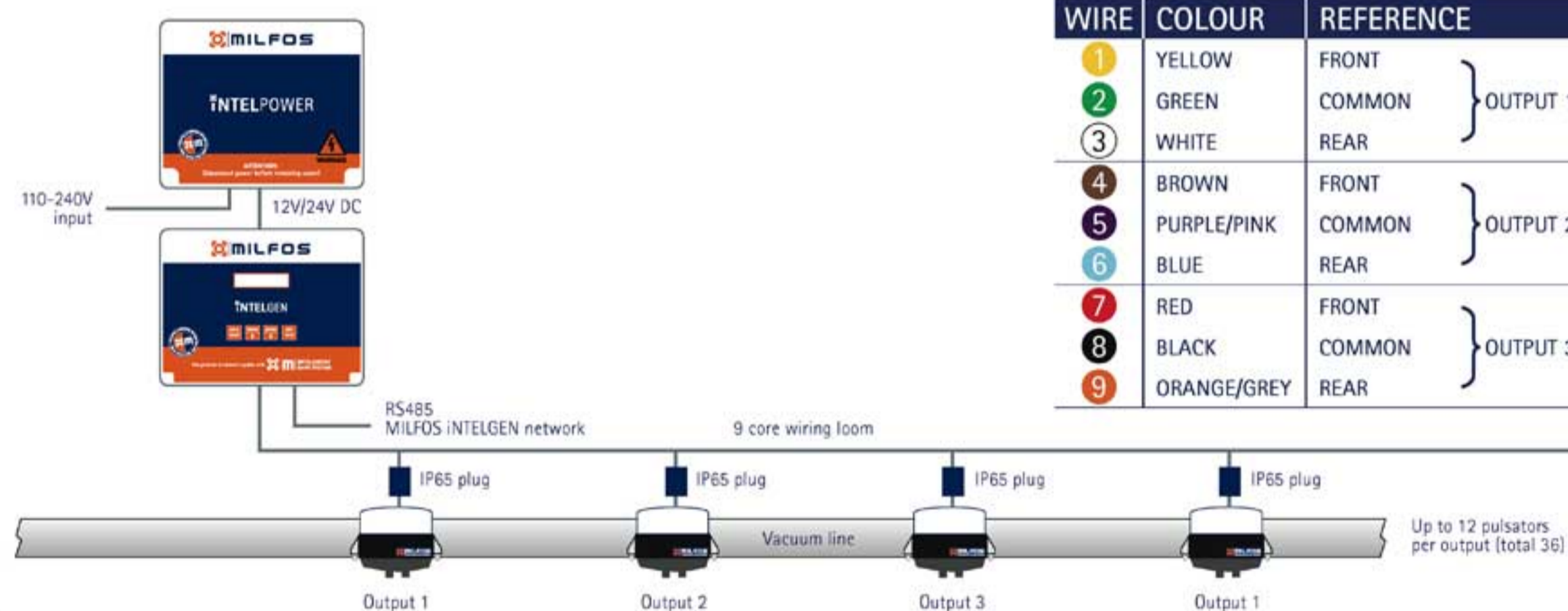
SPECIFICATIONS - iINTELGEN

OPERATING VOLTAGE	12 or 24V
CONTROLLER OUTPUT	Three pairs in ripple format Each output is 2.5 amps rated
PULSATOR QTY	Up to 25 iPULSE pulsators or 50 cluster assemblies
OVERLOAD PROTECTION	Short circuit protected
INPUT PROTECTION	Polarity protected
ENCLOSURE	160mmH x 210mmW x 110mmD
IP PROTECTION	IP55

SPECIFICATIONS - iINTELPPOWER

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

iINTELGEN WIRING DIAGRAM



WIRING LOOM

WIRE	COLOUR	REFERENCE	
1	YELLOW	FRONT	} OUTPUT 1
2	GREEN	COMMON	
3	WHITE	REAR	
4	BROWN	FRONT	} OUTPUT 2
5	PURPLE/PINK	COMMON	
6	BLUE	REAR	
7	RED	FRONT	} OUTPUT 3
8	BLACK	COMMON	
9	ORANGE/GREY	REAR	

