

PA200X FORAGE TREATMENT APPLICATOR

The Fertaflow PA200 Series liquid applicator system is specifically designed for low volume application of liquid preservative products on to hay and forage where maximum coverage is essential. The PA200 system uses a peristaltic pump operating at a very low pressure ensuring constant flow and gentle handling of inoculants. Dispensing on to the forage is via a directed air stream that enhances even spread and the liquid is dropletised rather than atomised to avoid wastage from spray drift. This system is able to pass small particles easily without blocking.

Three pump models are produced for conventional, large bale and high capacity baling requirements. The PA215 has a max flow of 155mL/min, the PA230 has a max flow of 345mL/min and the PA245 has a max flow of 600mL/min. The application rate is adjustable with the in-cab controller to produce a flow ranges of up to 33% - 100% (of max. flow) to accurately match the forage processing rate.

The PA200X controller system has electronic flow recording and display in-built. Power and communication connections are wired through a single IP rated connector and come standard with a 9.5m cable (2m + 7.5m) All the controllers are interchangeable across multiple applicators.

*The PA200X is a
high performing,
low maintenance
applicator for hay
contractors.*



PA200X SYSTEM

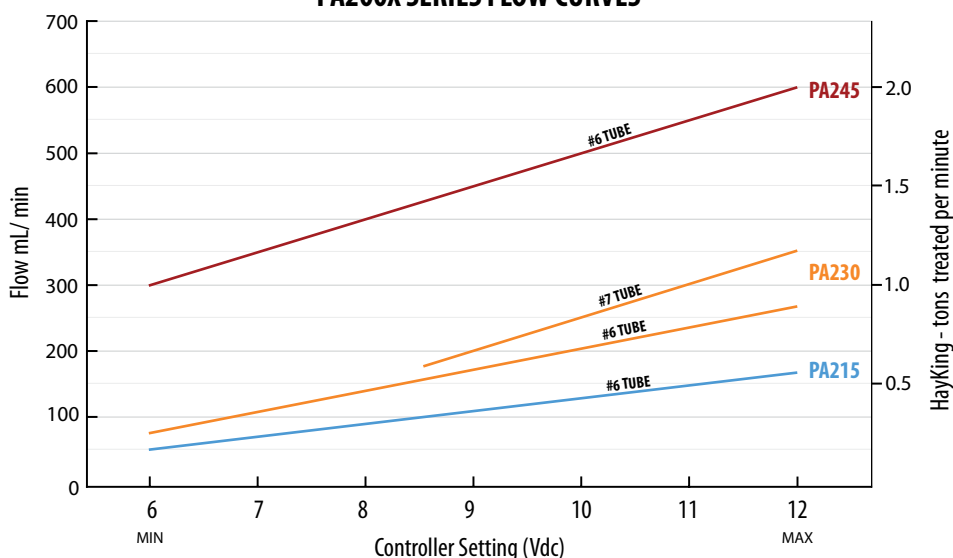
KEY FEATURES OF THE PA200X SYSTEM:

- Fully regulated voltage control to eliminate supply fluctuations
- Easy adjustable flow rate control with non-stall minimum setting
- Visual Flow Stoppage Alarm to alert operator of empty product drum, blockage or pump tube failure
- Built-in relay to receive auto switching control from the baler
- EFM (Electronic Flow Meter) display to show current flow rate in mLs and total product used, recorded accurate to 0.1 Litres
- Pump operation indicator LED (shows pump/baler operation)
- Additional audible Flow Stoppage Alarm beeper
- Easy to use, EFM calibration system on-board the applicator with separate pump over-ride switch

TECHNICAL SPECIFICATIONS

Voltage Input	12Vdc Battery supply
Voltage Output	5.0 - 12.0Vdc Regulated Output
Amp Draw	5.0 Amp max
PA215 Flow Range	50 - 155mL/min (Std #6 tube)
PA230 Flow Range	85 - 265mL/min (Std #6 tube)
PA230 High Flow	170 - 340mL/min (Lge #7 tube)
PA245 Flow Range	300 - 590mL/min (Std #6 tube)
Wetted Materials	PP/SS/PE/PVC/Tygon
Pump Type	Peristaltic
Applicator Dimensions	500H x 430W x 200D (mm) (excludes outlet hosing and snorkel)

PA200X SERIES FLOW CURVES





POLY MOULDED ENCLOSURE

- Built to withstand tough environments
- Precision engineered
- All stainless hardware with double locking cover



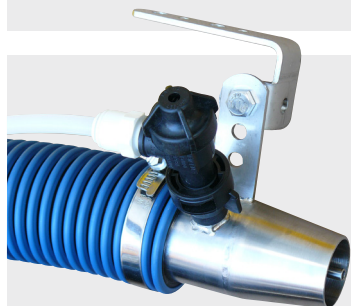
**PA200X
CONTROLLER**

IN-CAB CONTROLLER

- Simple operation
- Disconnectable power inlet and outlet
- Audible and visual flow stoppage alarm
- Tough ABS casing
- Adjustable aluminium bracket
- Pump running indicator
- Flow and total metering display

PUMP

- Industrial duty peristaltic pump made in the USA
- Long life easy change tube
- DIY on-board calibration
- ½ hour to calibrate
- High accuracy non intrusive metering
- Pump over-ride switch for easy calibration and pump tube change
- Relay for auto-switching from the baler

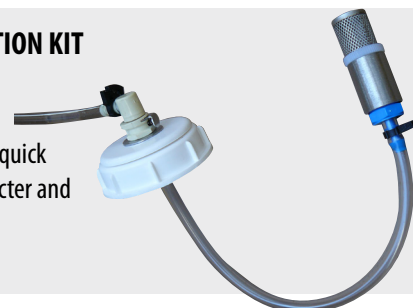


AIR FLOW NOZZLE

- Unique non-blocking design
- Heavy duty stainless construction
- Quick disconnect
- 3.5m delivery hose

20L SUCTION KIT

- Non drip quick disconnecter and dust cap



**4" AIR FLOW
SNORKEL**



20L DRUM TRAY



**200L BULK TANK
OPTION**

**AVAILABLE
FROM**

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