



A Division of  PEERLESS Mfg. Co.

TRIM-NOX[®] XL SCR Injection Module

Typical TRIM-NOX[®] XL Airless SCR Injection Module Components; Designed for Boilers, Furnaces and Turbines firing Fuel Oil or Natural Gas

HMI Display with
Data Logger

PLC Enclosure

Return
Flow-meter

Transfer
Pump

Supply
Flow-meter

Level
Sensor

Injection
Pump/Filter

Day Tank



CCA Combustion Systems, a division of Peerless Mfg. Co, 884 Main Street, Monroe, CT 06468

 203-268-3139  203-261-7697  www.cca-inc.net



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Provides precise automated controlled injection of urea or ammonia reagent for NOx reduction

- Patented airless return flow injector
- System includes injection pump(s) and motor(s), pressure transducer, filter(s), control panel, 10" HMI display, data logging, blown fuse indicator, temperature sensors, alarm light and injector kit
- Options include day tank, heater, level sensor, solenoid, transfer pump, redundant injection pump, urea supply and return flow meters, pressure sensors, closed loop urea control, NOx sensors, bulk storage and air assisted injection
- App dimensions: 4' W x 2.5' D x 6.5' H; 400 lbs



- 24V DC power; requires 110V for optional day tank heater and transfer pump
- Capable of delivering up to 26 gph of 32% or 40% urea solution or 19% aqua ammonia solution with three injectors
- Uses Allen Bradley MicroLogix controller
- Ethernet ready for field tie-in to plant DCS
- Module is factory assembled to minimize field installation
- Airless injector eliminates need for air compressor (air assist can be added as an option)
- Standard module is designed for indoor installation with outdoor operation upgrades available
- Use for direct duct injection or urea to ammonia conversion processes

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