

Big Iron is committed to developing products that provide a cleaner, safer environment and client satisfaction. Big Iron is proud to offer its **Quad O VOC Enclosed Combustion Device (ECU)** that deliver an unmatched clean, efficient and safe solution for complying with EPA regulations. Big Iron's ECUs capture and eliminate hazardous vapors emitted from oil/condensate tanks, water tanks, gun barrel tanks, level controllers and actuators on oil & gas upstream and midstream locations. The ECUs are designed to automatically operate at >99% destruction efficiency for operating pressure ranges encountered by these emission sources. This is accomplished with the newly developed "Air Dial," which uses a T-12 and Air Motor in combination with an air dampener. The ECUs are also equipped with an easily removable pilot assembly for simple maintenance and pilot ignition adjustments.

Engineering Products to Provide a Cleaner Environment.

Big Iron coordinated with Cordova Flow Controls and Air Hygiene International to conduct a manufacturer performance certification test on various sized enclosed combustors. Testing was performed using NSPS Subpart OOOO (Quad O) compliance standards required by the U.S. Environmental Protection Agency. The specific objective of the test was to determine the emission concentration of CO, CO₂, H₂O, O₂, THC and flow opacity from the exhaust of the enclosed combustors. Big Iron's ECUs were able to meet or exceed the performance testing requirements set forth by the federal rules.

Big Iron ECUs have a shielded flame and bottom flame arrestor for maximum safety benefits. In addition, ECUs are both easy to install and user friendly, offering reliable operation and low maintenance requirements. A fully Quad O compliant package is offered that provides a turnkey solution with installation, training, startup, liquid knockout, scrubber float, ESD/Control Valve, pressure control, inline flame arrestor, "Air Dial," T-12 w/Air Motor, Cordova Flow Controls controller/ignition device/data logging and onsite radio communications to SCADA.

CERTIFIED TO REDUCE EMISSIONS > 99%

DESIGNED FOR LOW- AND MEDIUM-VOLUME APPLICATIONS

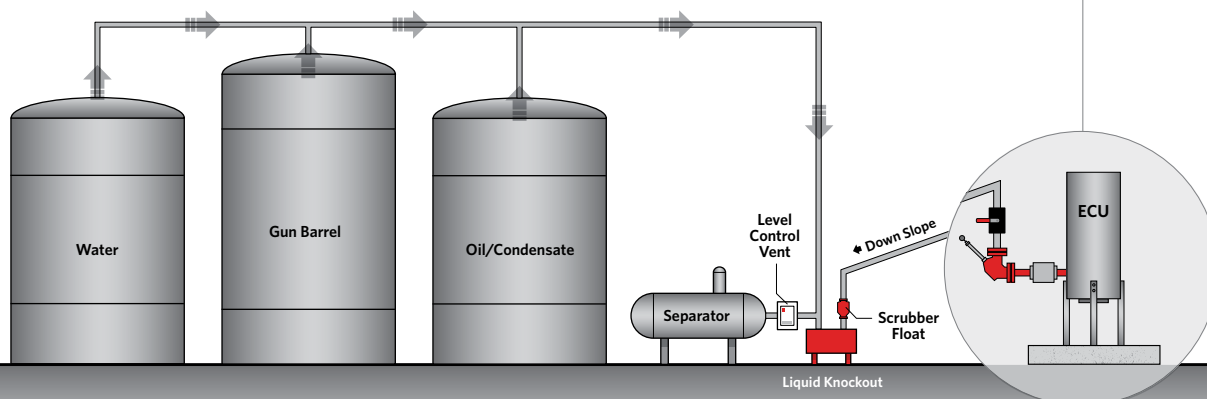
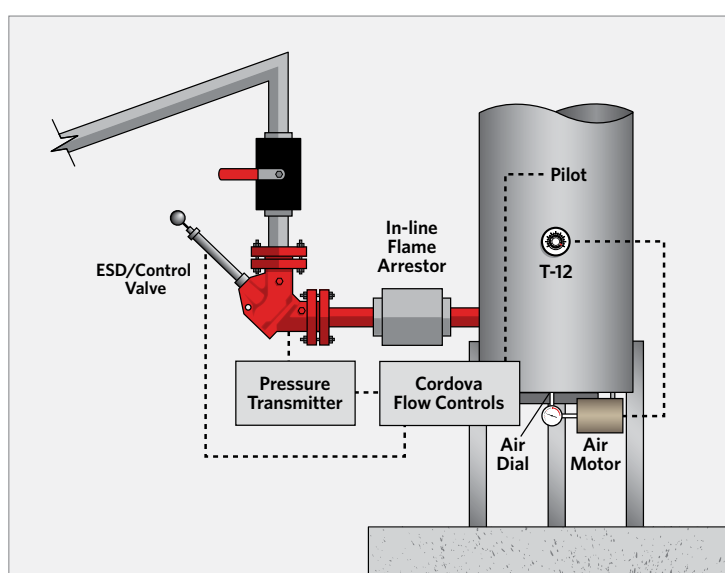
CLEAN, SAFE AND RELIABLE OPERATIONS

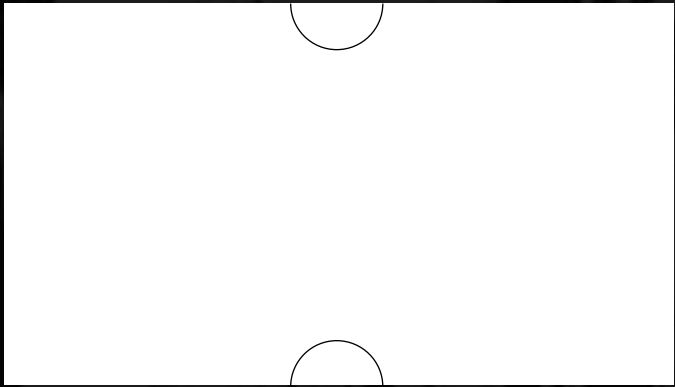
EASY TO INSTALL

CONTINUOUS OPERATION

NO VISIBLE FLAME

SMOKELESS

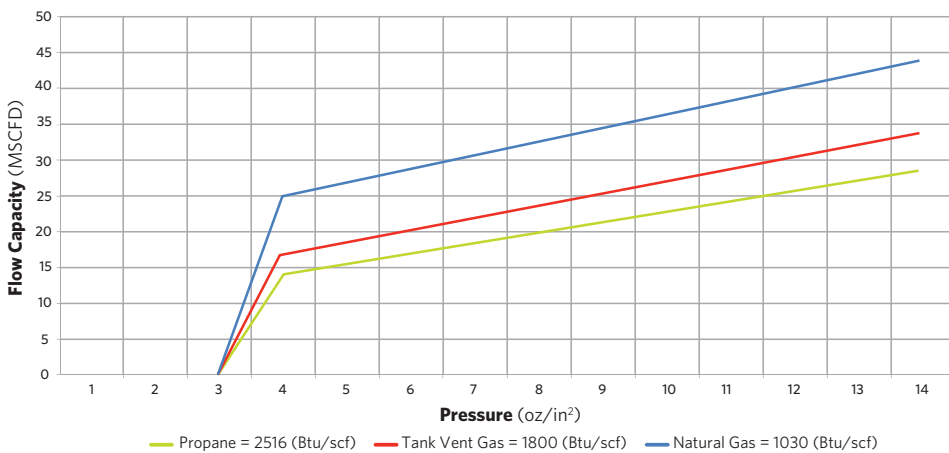
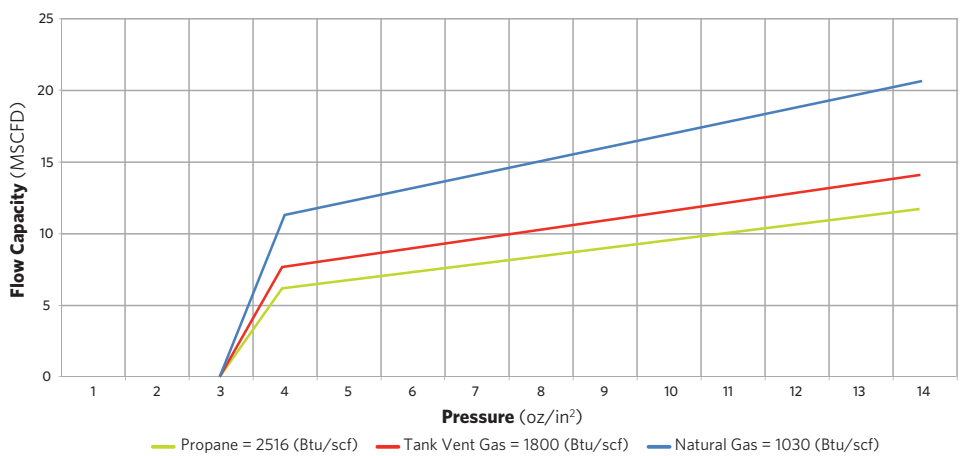




SPECIFICATIONS AND FLOW CAPACITY

BN ECU-036

- Dimensions: 36" D x 6' L
- Heat Release: 1 MMBTU/hr.
- Flame Cell: 30"
- Burner: 25"
- Backdraft: 2" or 3" Inline
- Inlet Connection: 3" NPT



BN ECU-048

- Dimensions: 48" D x 8' L
- Heat Release: 2 MMBTU/hr.
- Flame Cell: 48"
- Burner: 34"
- Backdraft: 3" Inline
- Inlet Connection: 3" NPT

BN ECU-060

- Dimensions: 60" D x 13' L
- Heat Release: 5 MMBTU/hr.
- Flame Cell: 60"
- Burner: 42"
- Backdraft: 3" Inline
- Inlet Connection: 3" NPT

