Volumetric Blending System (VBS)

Precise Blending of Fuels

CFR Engines Inc. (CFR®) now offers the Volumetric Blending System (VBS) for the precise blending of primary, secondary, and standard fuels that is essential for the calibration and standardization of the CFR® Engine.

Users can now rely on the factory design and performance of a complete blending system to ensure compliance when blending fuels for standardization.

COMPLIANCE

The VBS is compliant with all procedures of the current ASTM® Methods:

D2699 – Research Octane Number
D2700 – Motor Octane Number
D613 – Cetane Number

RELIABILITY

A highly engineered system utilizes pneumatic technology instead of electric pumps to minimize set-up requirements. This allows you to meet blending tolerances consistently as per ASTM® requirements.

ACCURACY

Precise blending of standardization fuels is critical to meeting the exactness that a documented and dependable Octane or Cetane Number test requires.

The automatic zero-top fitting is specific, efficient, and conveniently measures each of the four fuels of the blending components.

Formed dispensing spout for minimum potential drip error.

SAFETY

Pneumatic operation eliminates the need to power electric pumps in the fuel storage area. Lockable shutoff valve to de-energize for servicing unit. Built-in tray for catching spills.

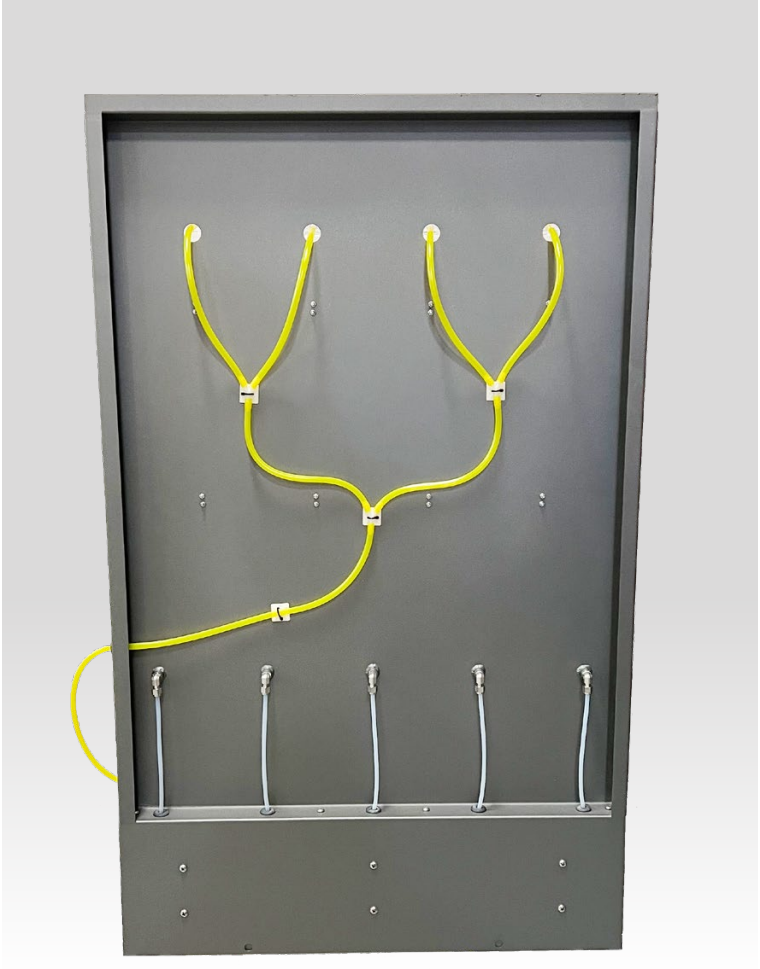
- Durable design utilizing pneumatic technology
- An additional dispensing nozzle is supplied for warm-up fuel
- Utilizing calibrated glass burettes that have graduation marks from 0-100 percent
- Burette draws fuel up automatically from fuel storage
- Ability to be wall mounted or floor mounted (with optional stand)
- High contrast backing on burettes to easily see fuel meniscus

A Valuable Tool with Extensive Life

The CFR® Volumetric Blending System (VBS) delivers precise blending of primary, secondary, and standardization fuels that are essential for the calibration of the CFR® engines used for the determination of the octane number, motor octane number, and cetane number.

Like all CFR® products, the VBS embodies industrial-grade design. Whether it be burettes, nozzles, a pneumatic pump, or a metal working structure, you can trust that the VBS has been designed to provide years of reliable and consistent service.

The VBS is available as a CFR® Genuine Service Part or with any new unit.



CONFIGURATIONS

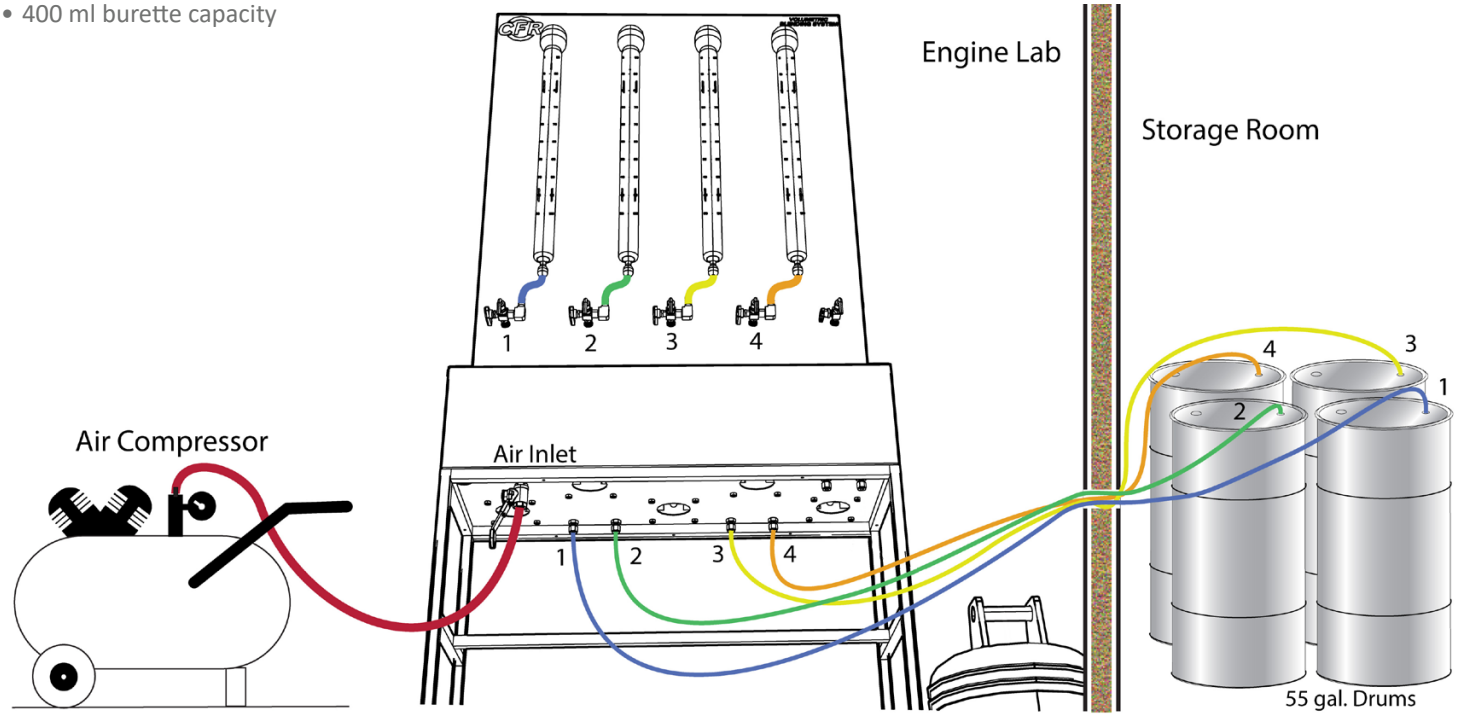
VBS

P/N: A210500

P/N: 100963 Optional Base Unit

SPECIFICATIONS

- Air Supply = 20 PSI max. shop air.
- Approximate H x W x D = 129 cm (51 in) x 81 cm (32 in) x 30 cm (12 in)
- 400 ml burette capacity



CFR Engines, Inc.
N8 W22577 Johnson Drive
Pewaukee, WI 53186

E: info@cfrengines.com
T: +1 262 501 5998
www.cfrengines.com