



**CENTRIFUGAL SEPARATION**

CFAST Environmental Service’s liquid/liquid centrifugal separator uses “G”- forces, generated by centrifugal motion, to separate immiscible liquids of different densities. This principle of accelerated settling enables different phases of fluid to separate much quicker. An AC inverter drive controller provides for precise control of the rotor speed. This technology is suitable for the treatment and recovery of methanol, glycol, and hydrocarbons. When used for hydrocarbon recovery, the separator typically produces pipeline quality oil with a BS&W of <1% that can be pumped back to the customer for sale. It also produces a water cut that typically has an oil concentration of <150 PPM.

**Advantages**

- Utilizes a Modular Design
- Smaller Footprint and Greater Flexibility
- Reclaims Valuable Hydrocarbons
- Reduces Consumable Costs
- Reduces Waste Liability

**Applications**

- Glycol & Amine Recovery
- Hydrocarbon Recovery
- Methanol Recovery
- Fuel Dewatering

Specifications	V-20 CENTRIFUGE
L x W x H (ft)	16' x 8' x 8'
Weight (lbs) (Dry)	20,000 lbs.
Tank Capacity	(2) 15 bbl.
Max Flowrate	3.5 – 4.5 bpm
G-Force at Rotor	100 – 1,200
Power Requirements	230 / 460V
Instrumentation	PI, PSV, LSL, LSH, PSH, PSL
Motor	Variable Frequency Speed, 60 HP Motor
Features	Intrinsically Safe