

## SF<sub>6</sub> GAS RECOVERY UNIT - GRU-7 SERIES

### SPECIFICATIONS

#### DIMENSIONS:

Height: 62" (1575mm)

Width: 40" (1015mm)

Depth: 58" (1470mm)

Weight: 350lbs (150kg)

#### STANDARD VOLTAGE:

110V-1PH -60Hz or

220V-1PH -50/60Hz

(other voltages available on request)

#### SYSTEM PERFORMANCE:

Designed for breakers up to 132kV

SF<sub>6</sub> gas transfer rates up to  
55lbs/25kgs per hour

SF<sub>6</sub> Recovery to 99.6%  
optionally to 99.9%

Vacuum pump for  
evacuation of air:  
10CFM (17 m<sup>3</sup>/hr) <1 mbar

Enervac Corporation  
280 Holiday Inn Drive  
Cambridge, Ontario  
Canada  
N3C 1Z4  
(P)1-519-651-1034  
(F)1-519-651-1038



For more  
information  
scan the  
code!



We developed the GRU-7 for our customers who found they needed more storage and recovery capacity than smaller handcart mounted units, but without the bulk and high price of a large skid or trailer-mounted unit.

#### APPLICATIONS:

- Recover and purify SF<sub>6</sub>
- Evacuate air and moisture prior to filling
- Consolidate SF<sub>6</sub> cylinders
- Store SF<sub>6</sub> in liquid state (or auxiliary bottles)
- Regulated filling of SF<sub>6</sub> equipment
- Purification of SF<sub>6</sub> (removes particles, moisture, and SF<sub>6</sub> decomposition products)

#### FEATURES:

- Mounted on a compact cart with 16" (400mm) pneumatic tires for ease of movement in gravel switchyard environments
- Easy to operate – Single valve to switch operating modes
- High pressure, direct-drive oil-less compressor with 1000:1 compression ratio (capable of 1000psi – 69 bar)
- Capable of liquid SF<sub>6</sub> storage
- Purifies, dries and filters to 0.1 microns during recovery and re-pressurization
- Filters are easily changed without disconnecting any tubing or using any special tools
- Mounted on a cart with casters and rack for storage up to three SF<sub>6</sub> storage bottles (total onboard storage up to 350lbs/160kg) – 660lbs/300kg with optional storage tank
- Auxiliary connection allows for infinitely expandable storage through use of external tanks
- Comes complete with 9.8ft / 3m hoses and power cable
- Colour change moisture indicator to monitor moisture in gas

#### OPTIONAL FEATURES:

- Stainless Steel Fittings instead of copper/brass for better corrosion resistance
- Weight scale for accurate measurement of SF<sub>6</sub>
- Custom supply voltages