

# SF<sub>6</sub> Gas Reclaimers

## D-310-R004



### Recover Even the Smallest Amounts of SF<sub>6</sub> Gas

- ❑ DILO DN 08 SF<sub>6</sub> Valves standard.
- ❑ Up to 30 lbs. per hour recovery.
- ❑ Easy one valve operation.
- ❑ New improved modular design.
- ❑ Custom case included.
- ❑ True high-pressure (725 PSIG) SF<sub>6</sub> liquefaction.
- ❑ Complete SF<sub>6</sub> processing  
Removal-Storage-Filtering-Refilling
- ❑ Lightweight – less than 50 lbs.
- ❑ 220V/60Hz.
- ❑ 100% Oil less design.
- ❑ Easy change moisture and decomposition products filter.
- ❑ Safe, pressure regulated refilling.
- ❑ Cylinder consolidation.



### Application

The **MINI** series is a complete SF<sub>6</sub> gas-reclaiming unit designed to recover SF<sub>6</sub> Gas from the smallest volume SF<sub>6</sub> insulated equipment. The **D-310-R004** combines portability and affordability with the professional craftsmanship you expect from DILO, the world leader in SF<sub>6</sub> reclamation.

The **MINI** uses our newest direct-drive, high-pressure, oil less compressor MPC-04 to transfer and store SF<sub>6</sub> into suitable storage. This is a full featured reclaimer that is not only easy to operate, and portable (one person can easily carry the reclaimer and accessories) but also user friendly. All functions can be performed without supervision. The MPC-04 compressor generates sufficient pressure to liquefy SF<sub>6</sub> directly into cylinders, allowing for complete cylinder consolidation (imagine the dollars saved when cylinders are returned empty!).

The standard **MINI** consists of a portable processing module and a separate storage cylinder. An optional vacuum module is also available to dry SF<sub>6</sub> compartments prior to refilling. All are backed by the world-renowned DILO name.

### Functions

The **MINI** can perform all functions necessary to reclaim and purify SF<sub>6</sub> gas to near new condition. Optional storage tank stores liquid gas during processing.

- **Removal and liquid storage** of SF<sub>6</sub>.
- **Direct high-pressure liquefaction** of SF<sub>6</sub> into SF<sub>6</sub> cylinders.
- Double **filtering** of the SF<sub>6</sub> automatically during removal and again during filling.
- **Refilling** with reclaimed or new SF<sub>6</sub> using built-in pressure regulator.

For more information, please call:

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# SF<sub>6</sub> MINI Series

## Data, Options



dModules	Order Number	Price
<p><b>□ Mini processing module</b>                      35 CFH oilless compressor, SF<sub>6</sub> flow rate: 30 lb./hr, discharge pressure: 725 psi (50 bar), max. pressure differential: 50:1                      Suctioning and discharge gauge display in psi and kpa                      Integrated high pressure SF<sub>6</sub> moisture and decomposition products filter.                      One 16ft (5 m.) permeation resistant hose with DILO self-sealing DN 08 coupler.                      One 6 ft (2 m.) hose with manual ¼ turn valve and CGA-590 fitting for connecting to storage cylinder.                      Pressure regulator: 0-160 psi (0-11 bar) outlet.                      Power required: 220 V AC / 60 Hz., single phase.</p>	<p><b>D-310-R004</b>                       height: 16" (400 mm.)                      width: 20" (500 mm.)                      depth: 17" (425 mm.)                      wt: 80 lb. (36.3 kg.)</p>	
<b>Storage cylinder for MINI processing module</b>		
<p><b>□ D.O.T. 3AL2216</b> approved <i>aluminum</i> cylinder with CGA 590 valve, storage capacity = 25 lbs SF<sub>6</sub>, diameter 7", height, 28", empty weight: 22.5 lbs</p>	<b>N60</b>	
<p><b>□ Hand Held SF<sub>6</sub> Leak Detector</b></p>	<b>3-033-R002</b>	
<b>Accessories/miscellaneous:</b>		
<p><b>□ External Cylinder Weight Scale</b> designed to allow user to roll cylinders onto platform without lifting. Battery operated or 120/220 VAC, range 0-330 lbs, L: 15" W: 17" H: 31" weight 44 lbs</p>	<b>K091R37</b>	
<p><b>□ Portable 8 CFM Vacuum Pump</b>                      8 cfm.(14 m<sup>3</sup>/h), 0.1 Torr, electric anti suckback valve, build into a rugged flightcase including a digital vacuum gauge and 6 ft.(2 m.) 3/8" connecting hose w/DN8 self-sealing female. Power: 120 V / 60 Hz</p>	<p><b>D-331-R001</b>                      width: 20" (500 mm.)                      height 16" (400 mm.)                      depth: 9" (225 mm.)                      wt.: 52 lb. (24 kg.)</p>	
<p><b>□ Adapter Kit DN8</b>                      Includes adapters from DN8 to the following: 3/8" Male NPT; 3/8" Female JIC; ¼" Female JIC; Siemens Aeroquip/SPS; ABB Malmquist; DILO DN20; SF<sub>6</sub> Cylinder; &amp; waterproof case with extra storage compartments (analyzer kit pictured)</p>	<p><b>Adapter Kit-DN8</b>                      width: 21.2" (538 mm.)                      height: 16" (406 mm.)                      depth: 8.3" (211 mm.)                      wt.: 20 lb. (9.07 kg.)</p>	
<b>Spare/Replacement parts:</b>		
<p><b>□ SF<sub>6</sub> Filter Cartridge</b> Consists of molecular sieve 4A and activated alumna core, and fiberglass dust/particulate filter</p>	<b>162(S)</b>	
<p><b>□ Pre Filter Unit</b> recommended to process contaminated SF<sub>6</sub></p>	<b>PF-C484-P</b>	
<p><b>□ Additional 5 ft Service Hose</b> (needed for use with PF-C484-P), 5 ft long DN08 service hose with DILO DN08 couplers</p>	<b>D-155-R001</b>	
<p><b>□ Replacement Core</b> for pre filter unit</p>	<b>RC-4864</b>	

Prices shown are valid per piece in US \$, Ex. Works Odessa, FL, packed, no taxes included. For a firm quotation, just mark the items of interest, choose among the available options and FAX this sheet back to us.