

D-265-R001

MINI Series SF₆ Gas Reclaimer



After extensive Human Factors & Ergonomics research, we have designed a recovery system that can be easily maneuvered through rock dust by a single person—without sacrificing any gas handling performance. DILO US is proud to introduce the only truly small and portable unit that is capable of meeting & exceeding European F-gas regulations (<5 mbar/3.5 torr residual SF₆ pressure).



Key features:

- Single valve operation
- Store SF₆ in liquid form in on-board cylinders or fill external cylinders
- Purify recovered SF₆ gas twice during regular operation.
- Evacuate air and moisture from apparatus after or during gas servicing
- Ability to achieve < 5 mbar “blank-off” pressure
- Very compact and easily maneuverable
- Available in 120V or 240V

Technical Data:

- 53 CFH oil-less compressor: Discharge pressure: 725psig
- 116.5 CFH vacuum compressor: Final blank off pressure: < 5 mbar
- 8 CFM two stage vacuum pump
- One valve operation
- Integrated weight scale
- Pressure regulator for filling operation
- Also includes:
 - One particle filter
 - One drier filter for moisture and arc byproducts
 - One 16ft (5 m.) 3/8” hose with DILO DN 08 couplers
 - Space for two storage cylinders (connection for one)
 - Two 24 lb. capacity, DOT approved, aluminum storage cylinders
 - Power required: 20 amp, 208-240 V AC / 60 Hz, single phase
 - Optional power requirement: 20A, 120VAC / 60 Hz, single phase

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Processing Unit:

Description	Nr. & Dim.
<input type="checkbox"/> MP Series III SF₆ Recovery System <ul style="list-style-type: none"> • 53 CFH oil-less compressor: Discharge pressure: 725psig • 116.5 CFH vacuum compressor: Final blank off pressure: < 5 mbar • 8 CFM two stage vacuum pump • One valve operation • Integrated weight scale • Pressure regulator for filling operation • Also includes: <ul style="list-style-type: none"> ▪ One particle filter ▪ One drier filter for moisture and arc byproducts ▪ One 16ft (5 m.) 3/8" hose with DILO DN 08 couplers ▪ Two 24lb capacity, DOT approved, aluminum storage cylinder • Power required: 20 amp, 208-240 V AC / 60 Hz, single phase 	<p>D-265-R001 220V</p> <p>D-265-R001 120V</p> <p>Length: 26 inches Width: 33.25 inches Height: 53 inches Weight: 350lbs (including cylinders)</p>

Gas Cart Upgrades and Replacement Parts:

Description	Product Nr
<input type="checkbox"/> Reusable Shipping Crate	TBD
<input type="checkbox"/> Replacement Filter Core	6-1077-R003
<input type="checkbox"/> Canvas cover	D-265 Canvas Cover

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Accessories:

Description	Product Nr	
<input type="checkbox"/> DN8 Adapter Kit <ul style="list-style-type: none"> • Connection adapters for common breaker types • DN8 connections to: 3/8" male NPT, 3/8" & 1/4" female JIC, 3/8" Siemens Aeroquip, ABB Malmquist, DN20 female, & CGA590 cylinder connection • Pelican Brand © 1550 watertight, crushproof, and dustproof case with custom cut foam for each fitting and a second layer for additional storage 	Adapter Kit – DN8	
<input type="checkbox"/> High Capacity Pre-Filter Unit: <ul style="list-style-type: none"> • Drier filter for processing of moisture and arc byproducts • Particle filter • DILO DN8 self-sealing connections • Also needed: 5ft. DN8 service hose (D-155-R005) 	B007R21	
Pre-Filter Cores For B007R21: <ul style="list-style-type: none"> <input type="checkbox"/> Particle filter core <input type="checkbox"/> Moisture and decomposition core 	3-377-08 3-376-06	
<input type="checkbox"/> Additional 5ft. Rubber Service Hose: <ul style="list-style-type: none"> • Can be used in conjunction with the above listed pre-filters • DN8 female couplers 	D-155-R005	
<input type="checkbox"/> External Cylinder Weight Scale: <ul style="list-style-type: none"> • Resolution: 0.1lbs • Accuracy +/- 0.1lbs (Exceeding the accuracy requirements by EPA & CARB minimum standard of +/- 2 lbs) • Small, lightweight and stable • Uses an AC power supply or batteries • Digital display with upper setpoints • Safe, unsupervised operation 	D-230-R002	
<input type="checkbox"/> Optional Cylinder Weight Scale Case <ul style="list-style-type: none"> • Additional Pelican Brand© case for the D-230-R002 Cylinder Weight Scale 	D-230-R002 Case	
<input type="checkbox"/> Handheld SF₆ Leak Detector	3-033-R002	

Maintenance Program:

Description	Product Nr	
<input type="checkbox"/> Annual Maintenance Program <ul style="list-style-type: none"> • Replace all filters • Change vacuum pump oil • Full functionality check • Full gas cart inspection • Leak check • Calibrate weight scale • Provide new copy of operating manual • Extends the factory warranty one extra year 	D-915-R001	