

SF₆ Gas Reclaimers

Economy Touch Screen



- Up to 100 lbs. Per Hour Recovery
- Automated Touch Screen Operation
- DOT Approved Storage
- No Contamination of SF₆
- Safe and CFC free Liquefaction allows for Flexible Gas Storage Capacities
- Simultaneous Recovery & Vacuum
- Unequaled Protection Features
- 99.99% Recovery – Highest Available



Application:

The DILO Economy Series was developed to small to medium quantities of SF₆. Using a high-speed multistage oil-less vacuum pump and compressor system, the Economy Series will recover SF₆ at up to 100 lbs per hour. The custom-built 100% oil-less compressor uses the latest technology to reduce restriction, and increase throughput. The standard vacuum compressor will remove gas to a final pressure of 100 micron..

Simple to Operate

- All controls are in one location.
- Built-in tank scale displays weight of gas in storage cylinders.
- 100% oil-less and refrigeration-less.
- No manual valves – simple operation.
- Fully automatic – no operator supervision.
- Safe -no pre-start, post-operation check list.

Fast and Efficient

- Low restriction, direct plumbing makes the Economy the fastest system in it's class.
- World-renowned self sealing DILO fittings eliminate air contamination.
- Compression system is capable of pulling a 10 micron vacuum while simultaneously generating 725 PSIG.
- Multi-port design allows simultaneous recovery, filling, and evacuation.
- Evaporator vaporizes SF₆ as needed automatically – no more tank heaters.

Reliable and Durable

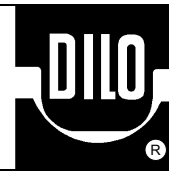
- 100% silver soldered copper tubing eliminates stress cracks and vibration leaks associated with harder, stainless steel plumbing.
- Solenoid valves are hermetically sealed, guaranteeing life-long leak-free service.
- High-speed compressor is based on 40 year proven technology – the longest in the industry.


Functions

- **Removal and Storage** of SF₆ to achieve 99.99% gas recovery.
- **Automatic double cleansing** of SF₆ during removal and refilling – returns gas to like-new condition.
- **Evacuation** of gas compartment to remove air and moisture before filling.
- **Refilling** of all reclaimed SF₆ from the storage vessel or with new gas.
- **Liquid to liquid** transfer of SF₆.

SF₆ Economy Touch-screen Series

Data, Options



Modules	Order Number	
<input type="checkbox"/> Economy processing module for liquid storage Automatic/Manual control with: 10" color touch-screen interface; 243 CFH oil free compressor, final pressure 725 PSI; 388 CFH oil-less vacuum booster pump; 24 CFM/ 0.1 mmHg vacuum pump; evaporator unit; two dust filter units; one decomposition/moisture removal filter units; and timed meters for vacuum pump, main and diaphragm compressors. All <i>physical</i> manual control valves are eliminated.	L057R51 Length: 72 in Width: 38 in Height: 49 in Weight: 1,450 lb.	
Upgrade Options		
<input type="checkbox"/> Vacuum pump upgrade to 45 CFM/ 0.1 Torr . Including exhaust filter	E-V45/0.1	
<input type="checkbox"/> Vacuum pump upgrade to 75 CFM/ 0.1 Torr . Including exhaust filter	E-V75/0.1	
<input type="checkbox"/> Vacuum pump upgrade to 145 CFM/ 0.1 Torr . Including exhaust filter	E-V145/0.1	
Storage Modules for liquid processing units (EL):		
<input type="checkbox"/> Storage module for 4 parallel switched 115 lb cylinders installed for liquid processing module only. With weighing scale showing net weight of SF ₆ in lb. Includes DOT 3AA2015 cylinders Additional Weight 825 lb. Combined cart dimensions →	EL-C400-W. length 70" width 52" height 52"	
<input type="checkbox"/> Storage module for 8 parallel switched 115 lb cylinders installed for liquid processing module only. With weighing scale showing net weight of SF ₆ in lbs. Includes DOT 3AA2015 cylinders. Additional Weight 1,600 lb. Combined cart dimensions →	EL-C800-W. length 70" width 52" height 68"	
Options:		
Trailer: See attached trailer options sheet for available trailers	See attached page	
Supply Voltage		
Please indicate the actual desired supply voltage with all inquiries and orders:		
<input type="checkbox"/> within the range from 208 - 460 V / 50-60 Hz, three phase		
<input type="checkbox"/> outside the range from 208 - 460 V / 50-60 Hz, three phase	6-0004-R031	
<input type="checkbox"/> single phase additional weight: 210 lb.	MA-1B-RVS	
Accessories/misc.:		
<input type="checkbox"/> Connecting hose DN 20 with VK/F-02/20 couplings on each end. (recommend two ea.), length 16 foot.	6-1017-R050	
<input type="checkbox"/> Hose Connector to connect two hoses together ML1-AD22-55	2.0401	
<input type="checkbox"/> Adapter Kit DN20 Includes adapters from DN20 to the following: 1" Male NPT; 3/8" Female JIC; 1/4" Female JIC; 1 1/4" Parker (ITE, Westinghouse, ABB PA); ABB Malmquist; DILO DN8; SF6 Cylinder; & waterproof case with extra storage compartments (analyzer kit pictured)	Adapter Kit-DN20 width: 21.2" (538 mm) height: 16" (406 mm.) depth: 8.3" (211 mm.) wt.: 23 lb. (10.5 kg.)	
<input type="checkbox"/> Replacement Filter Material Aluminum Oxide and 4A Molecular Sieve for approximately 2.5 filter replacements.	3-376-06	
<input type="checkbox"/> Drum-switch Allows reversing the phasing sequence without changing wires	3-871-R002	
<input type="checkbox"/> Special gauge indications indications other than PSI for gauges and mmHg for vacuum gauge		
<input type="checkbox"/> External Cylinder Weight Scale 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	K091R37	
<input type="checkbox"/> Hand Held SF6 Leak Detector	3-033-R002	

Shown prices are valid per piece in US \$, ex works Odessa, no taxes or packing charges included.

Trailer Options



Data, Options

All DILO trailers include the following standard features:

- DOT Approved
- All aluminum walk-in enclosure
- Torflex axles
- Electric breaks
- 3" Pintle eye, w/adjustable height
- Breakaway switch
- Spare tire
- 3/16" steel deck
- Split rear door
- 30" side door service
- Rear stabilizing jacks

Module	Processor	Order No.	
<input type="checkbox"/> Single axle trailer, 10' x 6' x 7" 7,000 lb. GVW Combined cart dimensions : length 14', width 86", height 102" Additional weight: 1,750 lb.	Compact, Economy or Performance w/no more than 8 bottles.	T-106-70	
<input type="checkbox"/> Dual axle trailer, 12' x 7' x 7" 14,000 GVW Combined cart dimensions : length 16', width 98", height 102" Additional weight: 2,420 lb.	Performance or Mega w/no more than 10 bottles storage.	T-127-140	\$
<input type="checkbox"/> Dual axle trailer, 14' x 7' x 7" 14,000 GVW Combined cart dimensions : length 18', width 98", height 102" Additional weight: 2,750 lb.	Performance or Mega w/no more than 20 bottles storage	T-147-140	
<input type="checkbox"/> Dual axle trailer, 16' x 7' x 7" 14,000 GVW Combined cart dimensions : length 20', width 98", height 102" Includes compartement for generator. Additional weight: 2,450 lb.	Performance or Mega w/no more than 10 bottles storage.	T-167-140	
<input type="checkbox"/> Dual axle trailer, 18' x 7' x 7" 14,000 GVW Combined cart dimensions : length 22', width 98", height 102" Includes compartement for generator. Additional weight: 2,650 lb.	Performance or Mega w/no more than 20 bottles storage	T-187-140	
<input type="checkbox"/> Trailer Deluxe Package Interior shop lights, 120 V / 60 hz outlets, hose hangers	All Units.	TDP	
<input type="checkbox"/> Diesel Generator Kit – 22kW Requires T167-140 trailer, adds 900 lbs. to trailer.	Compact, Economy, and Performance	MEC22DO	
<input type="checkbox"/> Diesel Generator Kit – 35kW Requires T167-140 trailer, adds 1,100 lbs. to trailer.	MEGA	MEC35DO	



Dual-axle trailer shown with optional 35kW diesel genset

Trailer Colors

Standard color is white

The following colors are available for additional charge: Black, Teal, Red, Lt. Gray, Dark Gray, Navy Blue, Burgundy