

## Tube Repair & Maintenance

- Wide selection from a single source.
- Unique durable designs.
- Fast and reliable performance.



Type	No. of Models	Page
Pressure Test Pumps	2	9.2
Pipe Freezers	2	9.3
Descaling Pumps	2	9.5

# TUBE REPAIR & MAINTENANCE

## Pressure Test Pumps

Tests all types of installations such as heating, compressed air and refrigeration systems, oil installations, fire lines and small bore pipelines. The automatic pressure holding valves enables the user to easily pressurize the system. Compatible fluids include water, oil and ethylene glycol. Can be connected to water supply for rapid filling.

### Model 1450 Manually-Operated Test Pumps



#### Features

- Very low effort required to operate.
- Pressure maintained automatically – no valve to be closed manually.
- Filter on inlet and outlet for better reliability.
- Two-stage lever action for fast filling of system and pressurization.
- Plastic container with capacity of 13,5 l (water, oil, ethylene glycol).
- Volume / stroke: 38 cm<sup>3</sup>.
- Includes an aluminium and a carbon enhanced PTFE piston pump for longer life.

Catalog No.	Model No.	Description	Weight		Std. Pack
			lb.	kg	
50072	1450	Pressure Test Pump, 50 Bar	14.1	6,4	1
18811	1450C*	Pressure Test Pump, 50 Bar	14.1	6,4	1

\* 1450C is a Model without gauge (1/4" BSPT connection).

### Model 1460-E Electric Test Pumps



#### Features

- 3 plunger ceramic piston pump for slow pressure build up and longer life.
- Quick coupling system to disconnect control block and gauge. This can be left on circuit being tested. Pump can be used to pressurize another circuit with second accessory control block.
- Stainless steel container (non acid liquids).
- Water flow: 9 l/min.
- Oil (SAE 30).

Catalog No.	Model No.	Description	Weight		Std. Pack
			lb.	kg	
19021	1460-E	Electric Test Pump 230 V, 25 Bar, 1.580 W	44	20,0	1
19031	1460-E	Electric Test Pump 115 V, 25 Bar	44	20,0	1
19041	1460-E	Electric Test Pump 230 V (Switz.), 25 Bar	44	20,0	1

Catalog No.	Model No.	Description	Weight		Std. Pack
			lb.	kg	
43666	—	Control Block 25 Bar	4.4	2,0	1
43676	—	Control Block 60 Bar	4.4	2,0	1

## Electric Pipe Freezers

Fast electric pipe freezing for maintenance or repair work. Eliminates the need to drain system. The RIDGID® SF-2300 and SF-2500 are self-contained mini refrigeration units.

### Model SF-2300

### SuperFreeze

For freezing 12 to 35 mm steel and 12 to 42 mm copper.

**NEW**



**Fast.** The powerful compressor in combination with the 3-cavity direct freezing heads forms ice plugs in just a few minutes.

**Portable & Robust.** No bulky gas cylinders. Self-contained unit in site proof metallic case with transport resistant compressor, is easily carried from job to job.

**Safe.** No dangerous dry ice or toxic fumes. Contains CFC free refrigerant.

**Convenient.** Repairs can be made close to the frozen part of the tube and without the need to drain the entire system.

**Designed for continuous use.** No risk of running out of CO2 dry-ice gas during repairs.

#### Features

- Powerful 296 W compressor.
- 3-cavity direct freezing heads allow fast and optimum freezing performance.
- More flexibility with use of inserts on the 3-cavity head for 12, 15, 22, 35 mm steel and copper tubing.
- Hose connected perpendicularly to freezer head. Allows easier working in restricted spaces and on pipes close to wall or near floor.
- 2,5 mm thick, 1,98 m long rubber hoses with protective springs against wearing ensuring longer hose life time.
- Unique Freeze Gel formula sticks to the freeze heads without dripping off and helps reducing freezing times.

#### Standard Equipment

- SF-2300 SuperFreeze Unit.
- Freeze Head with 18-28-42 mm cavities.
- Set of 2x 12/15/22/35 mm inserts for copper / steel tubing.
- Set of 2 Velcro® Straps.
- 1 Clamp Bar.
- 1 Spray Bottle.
- 1 Bottle Freeze Gel (237 ml).

Catalog No.	Model No.	Description	Weight		Std. Pack
			lb.	kg	
41078	SF-2300	Pipe Freezer, 230 V	58	26,3	1
42838	-	Set 12 mm inserts (2)	-	-	1
42853	-	Set 15 mm inserts (2)	-	-	1
42843	-	Set 22 mm inserts (2)	-	-	1
42833	-	Set 35 mm inserts (2)	-	-	1
69707	-	Velcro Straps (2)	-	-	1
65942	-	Clamp Bar	-	-	1
74946	-	Freeze Gel (bottle, 237 ml)	-	-	1
60776	-	Spray Bottle	-	-	1

*Note: Always make sure SuperFreeze heads and hoses are completely thawed before removing from pipe. DO NOT forcefully remove from pipe with any kind of tool, as it could permanently damage the heads and hoses.*

**(TOOLTIP)** The SF-2300 is designed for frequent use on small diameter pipes (up to 1¼" (32 mm) steel pipe and 42 mm copper) in commercial applications. For faster pipe freezing of large diameter pipe we recommend using the model SF-2500 (see next page).

# TUBE REPAIR & MAINTENANCE

## Model SF-2500 SuperFreeze

For fast freezing up to 2½" (65 mm) pipe.

**NEW**



Model SF-2500



### Pipe Freezing Tool Avoids the Cost and Inconvenience of a System Shutdown and Purge.

The SuperFreeze Pipe Freezer is an easy-to-use pipe freezing unit that allows the contractor to keep water systems operating while making repairs. The RIDGID Model SF-2500 is a mini-refrigeration unit that circulates self-contained refrigerant to its aluminum freeze heads. This forms an ice plug in as little as 6 minutes in ½" (12 mm) copper tube and can be used with up to 2½" (65 mm) tube or 2" (50 mm) steel pipe. Once the pipe is plugged, repairs can be made while the ice plug is maintained by the unit. Now includes a bottle of specially formulated freeze gel to speed freezing. Apply the gel to freeze heads before placing on pipe.

### Model SF-2500

Capacity:.....Copper Tube: ½ - 2½" (12 - 65 mm). Steel Pipe: ½ - 2" (12 - 50 mm).  
 Compressor: ....Rotary, 230 V, 50 Hz, 2,4 A, 505 W.  
 Refrigerant: .....R-507.  
 Weight: .....55 lbs (25 kg).  
 Hose Length: ....2,6 m ( 5,2 m span).  
 Dimensions: .....22½" (58 cm) x 11" (28 cm) x 14½" (37 cm) (L x W x H).

### Standard Equipment

- SuperFreeze Unit.
- 2 Velcro® straps.
- 1 Spray Bottle.
- 1 Clamp Bar.
- 1 Bottle Freeze Gel (237 ml).
- Set of 2 adapters for ½" and ¾" (12 and 20 mm) pipe.
- Standard sizes on freezing head: 1" (25 mm), 1¼" (32 mm), 1½" (40 mm) and 2" (50 mm).

### Ordering Information

Catalog No.	Model No.	Description	Weight	
			lb.	kg
68832	SF-2500	Pipe Freezer, 230 V	55	25

### Accessories

Catalog No.	Description
68862	Set of 2 End Adapters ½" Fe (22 mm)
72422	Set of 2 End Adapters ¾" Fe (28 mm)
66986	Set of 2 End Adapters 12 mm to 15/16 mm
65976	Set of 2 End Adapters ¾" Fe (18 mm), ½" Fe (22 mm)
65942	Clamp Bar
69707	Velcro Straps (Set of 2)
74946	Cool Gel (1 bottle) 237 ml
60776	Spray Bottle

*Note: Always make sure SuperFreeze heads and hoses are completely thawed before removing from pipe. DO NOT forcefully remove from pipe with any kind of tool, as it could permanently damage the heads and hoses.*

**(TOOLTIP)** In high ambient temperature applications, wrap insulation around the area being frozen to help concentrate the freezing action of the heads.

## Descaling Pumps

For descaling and restoring installations.



### Features

- Cleans any closed circuit system efficiently.
- High performance flow reversal valve allows scale to be removed from both sides.
- Ideal for descaling boilers, heat exchangers and closed heating systems.
- Scaling inside of a closed circuit dramatically reduces flow capacity. Two pumps are available to meet your maintenance needs.
- Both pumps feature a vertical axis for a higher and more powerful flow.

Catalog No.	Model No.	Motor	Applications		Weight		Std. Pack
			Descaling	Restoring	lb.	kg	
57276	DP-13	0,15 HP, 110 W, 230 V	•	–	13¼	6,0	1
34051	DP-24	0,45 HP, 330 W, 230 V	•	•	19¾	9,0	1

Catalog No.	Model No.	Flow rate l / min	Discharge head m	Tank l	Hose length m	Connection inch	Adapters incl. inch	Maximum temp. °C
57276	DP-13	40	10	13	2 x 2	½"	¾", ¾"	50
34051	DP-24	90	20	35	2 x 2	½"	¾", ¾"	50

**(TOOLTIP)** It is important to use the right descaling liquids for a vertical axis pump. See your distributor for a list of correct liquids. In all cases ensure they contain anti-foam agents. Follow manufacturer's instructions for safe handling and use of chemical products.

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