

Freezing

Freezing Electric

Pipe Freezing Systems

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Freezing with Gas

Pipe Freezing Systems

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Freezing

Freezing Electric

ROFROST® TURBO 1.1/4" and 2"

Pipe freezing system for copper, steel and plastic composite pipes

Product Profile

APPLICATION AREA

Maintenance, repair and expansion work in sanitary and heating installations

Copper pipes:	Ø 10 - 42 mm	ROFROST® TURBO 1.1/4"
	Ø 10 - 54 mm	ROFROST® TURBO 2"
	Ø 3/8 - 1.3/8"	ROFROST® TURBO 1.1/4"
	Ø 3/8 - 2.1/8"	ROFROST® TURBO 2"
Steel pipes:	Ø 1/4 - 1.1/4"	ROFROST® TURBO 1.1/4"
	Ø 1/4 - 2"	ROFROST® TURBO 2"

Plastic pipes, as well as multi-layered composite pipes

KEY FEATURES

- Safe freezing: Thermometer on the freezer clamp indicates when the pipe is completely frozen
- Reduction inserts in various sizes for all common pipe diameters
- With the flexible hose and the simple clamping system even working overhead and in confined spaces is not a problem
- The use of heat conductive paste guarantees an optimum icing. It prevents air pockets between the freezing clamps and pipe. The pipe does not need to be sprayed with water

Simple and flexible use in all situations!



Temperature display easy to read and rotatable

Safe, controlled freezing and monitoring

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Compact design

Portable use, optimal for service industry

Simple clamping system

For use even in confined spaces

For pipes with Ø 10 mm - 54 mm

Reduction inserts in various sizes



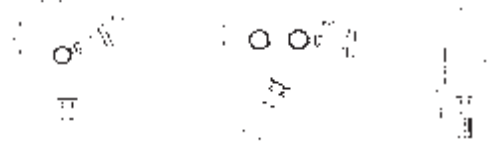


Space requirements for freezing clamps

ROFROST® TURBO 1.1/4"

A_{min} = 27 mm B_{min} = 37 mm A_{min} = 52 mm A_{min} = 13 mm

Use on vertical pipes in corners Use on pipes wall fitting / valve Use on vertical pipes on walls



Space requirements for freezing clamps

ROFROST® TURBO 2"

A_{min} = 37 mm B_{min} = 45 mm A_{min} = 57 mm A_{min} = 17 mm

Use on vertical pipes in corners Use on pipes wall fitting / valve Use on vertical pipes on walls



Excellent overall size for working close to walls or on floors



Can also be used with parallel running pipes and in confined spaces



Trouble-free use near walls, only 52 mm contact surface on pipe required



Anti-kink, diffusion proof mono-tube system with plastic capillary pipes guarantees high flexibility and uninterrupted operation



Model

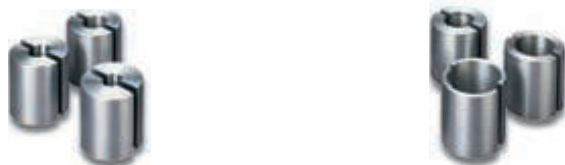


230 Volt
50/60 Hz

ROFROST® TURBO 1.1/4" with reduction inserts size I, II, III, V, VII, IX, XII (see ROFROST® reduction insert overview)	24.8	62200
ROFROST® TURBO 2" with reduction inserts size A, E, F, G (see ROFROST® reduction insert overview)	25.6	62203
ROFROST® TURBO 2" with reduction inserts size II, III, V, VII, A, E, F, G (see ROFROST® reduction insert overview)	25.8	62206
Expansion set for ROFROST® TURBO with reduction inserts size II, III, V, VII		62230

additional sets upon request

ROFROST® TURBO Reduction Inserts



ROFROST® TURBO 1.1/4"

Reduction insert	Nominal size Cu	Nominal size Cu	Nominal size Fe	g	No.
Size I	10 mm	3/8"	1/8"	190	62217
Size II	12 mm	1/2"	-	180	62211
Size III	14/15 mm	-	1/4"	170	62212
Size IV	16 mm	5/8"	-	170	62219
Size V	18 mm	-	3/8"	165	62213
Size VI	20 mm	3/4"	-	155	62224
Size VII	22 mm	7/8"	1/2"	145	62214
Size VIII	-	1"	-	125	62226
Size IX	28 mm	-	3/4"	110	62215
Size X	-	1.1/8"	-	90	62227
Size XI	32 mm	1.1/4"	-	80	62221
Size XII	35 mm	1.3/8"	1"	65	62216

ROFROST® TURBO 2"

Reduction insert	Nominal size Cu	Nominal size Cu	Nominal size Fe	g	No.
Size A	28 mm	-	3/4"	190	62231
Size B	-	1.1/8"	-	180	62232
Size C	32 mm	1.1/4"	-	170	62233
Size D	35 mm	1.3/8"	1"	170	62234
Size E	42 mm	-	1.1/4"	165	62235
Size F	-	-	1.1/2"	155	62236
Size G	54 mm	2.1/8"	-	145	62237

The reduction insert size E, 42 mm serves as an adaptor piece for fitting ROFROST® TURBO 1.1/4" reduction inserts size I – size XII



No. 62291

ROFROST® Heat Conductive Paste

Description	g	kg	No.
ROFROST® Heat Conductive Paste 150 ml	130	1	62291

Heat conductive paste enables fully automatic freezing without spraying!



Freezing

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ROFROST® ECO

The compact and refrigerant-free freezing unit for copper, steel and multi-layered composite pipe



Refrigerant-free!



Product Profile

APPLICATION AREA

Maintenance, repair and expansion work in sanitary and heating installation

KEY FEATURES

- ROFROST® ECO works without refrigerant, no more refrigerant-caused service costs
- Defrost function: Follow-up work can begin quickly
- Extremely handy, light and quiet and weighs only 11 kg
- Quick freezing

KEY FEATURES

- Acoustic freeze monitoring
- With the flexible hoses and the simple clamping system even working overhead and in confined spaces are not a problem
- Reduction inserts in various sizes for all common pipe diameters
- The use of heat conductive paste guarantees an optimum icing. It prevents air pockets between the freezing clamps and pipe. The pipe does not need to be sprayed with water

TECHNICAL DATA

Power requirement: 700 W
Voltage: 90 - 250 V / 50 Hz
Temperature range: 0 - 25° C (ambient temperature)
Copper pipes: Ø 8 - 22 mm
Steel pipes: Ø 1/16 - 1/2"
Plastic pipe as well as multi-layered composite pipe

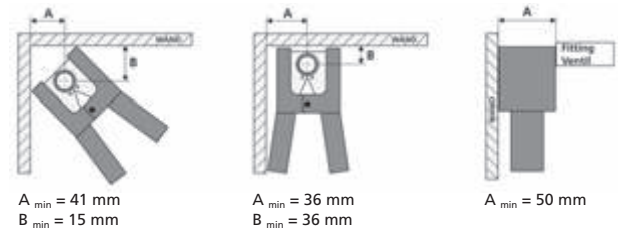
Defrost function

The pipe is defrosted in approx. 1 minute



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Space requirements for the ROFROST® ECO freezing clamps



Freezing with ROFROST® ECO



Freezing clamps can be use one-handed

Clear control panel with a digital display of the temperature on the freezing clamps



Scope of delivery (No. 1500000089): Basic unit ROFROST® ECO, Reduction inserts size 3, size 5, size 7, Heat conductive paste (No. 62291)

Model	kg		No.
ROFROST® ECO	11.0	1	1500000089
Heat Conductive Paste	0.13	1	62291

ROFROST® ECO Reduction Inserts

Reduction insert Size	Cu	Cu	Fe	g	No.
Size 1	8 mm	-	1/16"	70	1500000100
Size 2	10 mm	3/8"	1/8"	62	1500000101
Size 3	12 mm	1/2"	-	52	1500000102
Size 4	14 mm	-	-	52	1500000103
Size 5	15 mm	-	1/4"	48	1500000104
Size 6	16 mm	5/8"	-	46	1500000105
Size 7	18 mm	-	3/8"	42	1500000106
Size 8	20 mm	3/4"	-	40	1500000107

ROFROST® Dry Ice Set

Freezing unit for the freezing of pipes up to 2" without electricity

Product Profile

APPLICATION AREA

Maintenance, repair and expansion work in sanitary and heating installation. No electrical connection required!

KEY FEATURES

- Flexible use, freezing possible without electricity!
- Because of the low temperature (up to -79° C) the dry ice enables a faster freezing as every other electrical freezing unit that uses refrigerant
- Piping up to 2" can be frozen with just one unit
- Freezer heads made out of extremely cold-resistant special plastic

TECHNICAL DATA

Copper pipes: Ø 10 mm - 60 mm
Ø 1/2 - 2.1/8"

Steel pipes: Ø 1/8 - 2"

Plastic pipes, as well as plastic composite pipes

19-part set (No. 65030) includes: 2 handles with feed valves (No. 65032), 2 high pressure hoses (No. 65033), 10 pairs of freezer heads (2 for each pipe dimension), stopper for one-sided freezing (No. 65049), wrench (No. 65045), internal hexagonal screwdriver (No. 65046), T-piece (65034), Plastic carrying case (65031)

for Copper pipes		for Steel pipes		kg	No.
Ø mm	Ø inch	Ø inch	Ø inch		
10 - 60	1/2 - 2.1/8"	1/8 - 2"		4.9	65030

ROFROST® Freezer Heads

Size	for Copper pipes		for Steel pipes		g	No.
	Ø mm	Ø inch	Ø inch	Ø inch		
1	10 - 12	1/2"	1/8"	60	65035	
2	14 - 15	-	1/4"	60	65036	
3	16 - 18	5/8"	3/8"	70	65037	
4	22	3/4 - 7/8"	1/2"	70	65038	
5	28	1.1/8"	3/4"	110	65039	

Set without carbon dioxide bottles!



Use carbon dioxide bottles only with stand pipes



Freezer Heads



Size	for Copper pipes		for Steel pipes		g	No.
	Ø mm	Ø inch	Ø inch	Ø inch		
6	35	1.3/8"	1"	110	65040	
7	42	1.5/8"	1.1/4"	210	65041	
8	-	-	1.1/2"	210	65042	
9	54	2.1/8"	-	250	65043	
10	60	-	2"	250	65044	

ROFROST® Handy

The fast, portable freezing system for copper pipes Ø 15 - 28 mm and steel pipes 1/4 - 3/4"

Product Profile

APPLICATION AREA

Pipe freezing system is ideally for quick repairs and small expansion tasks

KEY FEATURES

- Freezing is possible in the smallest spaces
- Space saving case

10 piece set (No. 64020) includes: Quick Freeze freezing spray (No. 64001), Freezing head 1/4" (No. 64021), Freezing head 3/8" (No. 64022) Freezing head 1/2" (No.64023) Freezing head 3/4" (No. 64024), internal hexagonal screwdriver (No. 65046), Foam inlay (No. 64026), Plastic carrying case without inlay (No. 30898), Inlay for plastic carrying case (No. 62045), ROTHENBERGER fleece cloth (No. 93915)



Model	g	No.
ROFROST® Handy	2,400	64020
Quick Freeze Freezing Spray	500	64001