






Freezing



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Freezing

System overview

	Freezing electric		Freezing with gas
	ROFROST Turbo II R290 1.1/4"	ROFROST TURBO II R290 2"	ROFROST CO ₂ Set
			
Working range Cu	10–42 mm (3/8–1.3/8")	10–54 mm (3/8–2.1/8")	10–54 mm (3/8–2.1/8")
Working range Fe	1/8–1.1/4"	1/8–2"	1/8–2"
Reduction inserts	up to 12 pcs.	up to 15 pcs.	up to 10 pcs.
Freezing hose	2.000 m	2.000 m	2.000 m
Refrigerant	R290	R290	CO ₂ (R744)
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ROFROST TURBO II R290 1.1/4" / ROFROST Turbo II R290 2"

Pipe freezing system for copper, steel and stainless steel

Flexible refrigerant hoses

Work in confined spaces and store the hoses inside the unit

Simple clamping system ROFROST TURBO R290 1.1/4"

For use even in confined spaces

Compact design

Tough powder coated metal case with soft-grip handle makes the machine highly mobile and ideal for service work

Heat conductive paste

Enables freezing without continuous spraying of the pipe

Wide application area

A range of pipe sizes can be frozen using the supplied pipe inserts



The use of heat conductive paste guarantees optimal freezing



The freezing process starts automatically after installing the freezing clamps



Compact freeze clamp design allows the pipe to be frozen—even close to the wall



ROFROST TURBO II R290 1.1/4"

Pipe freezing system for copper, steel and stainless steel

Maintenance, repair and expansion work in sanitary and heating installations.

Copper pipes: Ø 10–42 mm ROFROST Turbo II R290 1.1/4"
Ø 3/8–1.3/8" ROFROST Turbo II R290 1.1/4"

Steel pipes: Ø 1/8–1.1/4" ROFROST Turbo II R290 1.1/4"

Application Benefits

- Future-proofed due to the change of the environmentally friendly refrigerant R290
- Compact freezing clamps and shortened thermometer allow working on confined spaces
- 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
- Reduction inserts in various sizes for all common pipe diameters
- Over 20 % lighter compared to previous device



Technical Data

Voltage	220–240 V
Working area diameter copper pipe	10–42 mm
Working area diameter steel pipe	1/8–1.1/4"
Power cable length	2 m



9

Model	Weight	PU	No.
ROFROST TURBO II R290 set 1.1/4", 6 reduction inserts, 230 V	23.500 kg	1	1500004195

Freezing

Freezing electric

ROFROST TURBO II R290 2"

Pipe freezing system for copper, steel and stainless steel

Maintenance, repair and expansion work in sanitary and heating installations

Copper pipes: Ø 10–54 mm ROFROST Turbo II R290 2"
Ø 3/8–2.1/8" ROFROST Turbo II R290 2"

Steel pipes: Ø 1/8–2" ROFROST Turbo II R290 2"

Application Benefits

- Future-proofed due to the change of the environmentally friendly refrigerant R290
- Safe freezing: Thermometer on the freezer clamp indicates when the pipe is completely frozen
- 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
- Reduction inserts in various sizes for all common pipe diameters
- Over 20% lighter compared to previous device



Technical Data

Voltage	220–240 V
Working area diameter copper pipe	10–54 mm
Working area diameter steel pipe	1/8–2"
Power cable length	2 m



Model

ROFROST TURBO II R290 set 2", 8 reduction inserts, 230 V

Weight

24.300 kg

PU

1

No.

1500004196

ROFROST App

The ROFROST App supports safe work and the freezing process will be explained step by step.



Application instructions

Application instructions
Check if you have performed the following steps

1. Waterflow interrupted?
2. Select the suitable reduction inserts?
3. Heat conductive paste used?
4. Correct mounted clamp at the pipe?
5. Switched on the ROFROST Turbo R 290?

Next step

Imprint

Checklist for the freezing process

Freezing parameter

Freezing parameter
Select the freezing parameter

ROFROST Turbo R 290 1.1/4" recognized >
Serial number 3108180080055

Pipe material	Copper (Cu)
Pipe diameter	Ø 22

Recommended minimum freezing time:
14 minutes

Apply freezing parameter

Imprint

The recommended freeze time is displayed by adjusting the material and diameter

Timer

Timer
Start the freezing process with the following parameters:
ROFROST Turbo R 290 1.1/4"
Pipe material Copper (Cu)
Pipe diameter Ø 22

Recommended minimum freezing time:
14 minutes

14:00

Start timer

Imprint

The integrated timer will respond after the freezing time has elapsed

Reducer insert ROFROST TURBO II 1.1/4"

For freezing during maintenance, repair and extension work in the sanitary and heating installation of copper pipes from 10–42 mm or 3/8–1.3/8", as well as steel pipes from 1/8–1.1/4"



Model	Weight	PU	No.
Reduction inserts Size I, Cu 10 mm, Cu 3/8", Fe 1/2"	0.200 kg	1	62217
Reduction inserts Size II, Cu 12 mm, Cu 1/2"	0.180 kg	1	62211
Reduction inserts Size III, Cu 14/15 mm, Fe 1/4"	0.155 kg	1	62212
Reduction inserts Size IV, Cu 16 mm, Cu 5/8"	0.100 kg	1	62219
Reduction inserts Size V, Cu 18 mm, Fe 3/8"	0.145 kg	1	62213
Reduction inserts Size VI, Cu 20 mm, Cu 3/4"	0.154 kg	1	62224
Reduction inserts Size VII, Cu 22 mm, Cu 7/8", Fe 1/2"	0.130 kg	1	62214
Reduction inserts Size VIII, Cu 1"	0.200 kg	1	62226
Reduction inserts Size IX, Cu 28 mm, Fe 3/4"	0.105 kg	1	62215
Reduction inserts Size X, Cu 1.1/8"	0.200 kg	1	62227
Reduction inserts Size XI, Cu 32 mm, Cu 1.1/4"	0.200 kg	1	62221
Reduction inserts Size XII, Cu 35 mm, Cu 1.3/8", 1"	0.070 kg	1	62216
Expansion set for ROFROST TURBO Size II, III, V, VII	0.700 kg	1	62230

Freezing

Freezing electric

Reducer insert ROFROST TURBO II 2"

For freezing during maintenance, repair and extension work in the sanitary and heating installation of copper pipes from 10–54 mm or 1/2–2.1/8", as well as steel pipes from 10–54 mm



Model	Weight	PU	No.
Reduction inserts Size A, Cu 28 mm, Fe 3/4"	0.430 kg	1	62231
Reduction inserts Size B, Cu 1.1/8"	0.343 kg	1	62232
Reduction inserts Size C, Cu 32 mm, Cu 1.1/4"	0.310 kg	1	62233
Reduction inserts Size D, Cu 35 mm, Cu 1.3/8"	0.290 kg	1	62234
Reduction inserts Size E, Cu 42 mm, Fe 1.1/4"	0.220 kg	1	62235
Reduction inserts Size F, Fe 1.1/2"	0.160 kg	1	62236
Reduction inserts Size G, Cu 54 mm, Cu 2.1/8"	0.200 kg	1	62237

The reduction insert size E, 42 mm serves as an adaptor piece for fitting ROFROST Turbo 1.1/4" reduction inserts No. 62217 and No. 62211

ROFROST heat conductive paste

Thermal compound for use when freezing copper pipes from 10–54 mm or steel pipes from 1/8–2"

Application Benefits

- Heat conductive paste enables fully automatic freezing without spraying!



For a perfect freezing result



Heat conductive paste enables fully automatic freezing without spraying!

Model	Weight	PU	No.
ROFROST heat conductive paste 150 ml	0.150 kg	1	62291

ROFROST CO₂ Set

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

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

Application Benefits

- 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

Working area diameter copper pipe	10–54 mm
Working area diameter steel pipe	1/8–2"

Set without carbon dioxide bottles!

RO
CASE



Model	Weight	PU	No.
ROFROST CO ₂ Set Cu 10–54 mm, Cu 1/2–2.1/8", Fe 1/8–2"	4.900 kg	1	65030

ROFROST Freezer Heads

Freezer head for the ROFROST dry ice set. For freezing copper pipes up to 60 mm and steel pipes up to 2"

Freezer head for maintenance, repair and expansion work in sanitary and heating installations. No power connection required

Application Benefits

- Freezer head for the ROFROST dry ice set



Model	Weight	PU	No.
ROFROST freezer heads Size 1, Cu 10–12 mm, Cu 1/2", Fe 1/8"	0.060 kg	1	65035
ROFROST freezer heads Size 2, Cu 14–15 mm, Fe 1/4"	0.060 kg	1	65036
ROFROST freezer heads Size 3, Cu 16–18 mm, Cu 5/8", Fe 3/8"	0.070 kg	1	65037
ROFROST freezer heads Size 4, Cu 22 mm, Cu 3/4–7/8", Fe 1/2"	0.070 kg	1	65038
ROFROST freezer heads Size 5, Cu 28 mm, Cu 1.1/8", Fe 3/4"	0.110 kg	1	65039
ROFROST freezer heads Size 6, Cu 35 mm, Cu 1.3/8", Fe 1"	0.110 kg	1	65040
ROFROST freezer heads Size 7, Cu 42 mm, Cu 1.5/8", Fe 1.1/4"	0.210 kg	1	65041
ROFROST freezer heads Size 8, Fe 1.1/2"	0.210 kg	1	65042