

# TERRAFRIGO PLANT

Russian manufacturer of heat exchange and refrigeration equipment.

**18** years of experience  
**23** countries  
**90+** dealers in Russia and worldwide  
**13 000** completed objects

We are focused on high standards of work, use of modern technologies in production and aimed at maximum satisfaction of the needs of customers around the world.

## TerraFrigo plant — benefits in every corner of the world.



A high degree of localization in the industry across Russian Federation. 16 000 square meters of production area.



Customers feedback: improving the quality of equipment and services, dealers and partners trainings.



Own modern production line and technical base.



TerraFrigo business processes are certified according to the quality management system ISO 9001: 2015

Our clients save tens of thousands of dollars\* on expenses, increasing shelf life of products at all stages of distribution maintaining their high reputation.

\* depending on the cost of the transported goods.

**106 267 057 tons**

of perishable goods are transported annually using TerraFrigo refrigerating units.

According to analytical data for the last 3 years



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**terrafrigo.org**

## Company Limited “TerraFrigo”



 terrafrigo\_official

 TerraFrigo LTD



terrafrigo.org

# TerraFrigo G3

Refrigeration units of a new generation



Powerful solutions within cold chain

Refrigeration units  
TerraFrigo G3

MORE POWERFUL BY 25%\*

\*compared to the 2nd generation of refrigeration units.

Newly designed condenser cowl.  
**RELIABLE PROTECTION  
OF INTERNAL COMPONENTS.**

Diffuser tight fit.  
**HIGH PERFORMANCE  
AT PEAK LOADS.**



Heat exchange area  
increased up to **+30%**

The new fans provide  
hot air outflow even faster.



Heat exchange area  
increased up to **+ 10%**  
The evaporator is less affected  
to damage by the door opening,  
ensuring the safety  
of the transported products.

The finned tube of the heat  
exchanger creates a better  
distribution of the freon flow.  
  
The evaporator gains required  
temperature faster.

The angle of fans is changed.

The air flow is now more powerful and evenly distributed.

MORE POWERFUL MORE DURABLE MORE RELIABLE

The powerful TerraFrigo transport refrigerating units  
operate all year round in harsh conditions

-20°C.. +18°C

Maintain a required temperature  
in vans with  $k = 0,4-0,7 \text{ Watt/m}^2\cdot\text{C}$

\*k (thermal conductivity coefficient)

S, SP Series<sup>\*</sup> S10 / S10P S20 / S20P S30 / S30P S, SP Series<sup>\*</sup> S40 / S40P S50 / S50P S80 / S80P

Condensing  
units

 867×506×198 mm 21 kg	 867×506×198 mm 25 kg	 867×506×198 mm 25 kg
 1310×574×410 mm 80 kg	 1310×574×410 mm 80 kg	

Evaporating  
units

Series with ultra-thin  
evaporators

 ultra-thin 730×550×128 mm 19 kg	 ultra-thin 1150×550×128 mm 24 kg	 ultra-thin 1150×550×128 mm 26 kg
Standard series	1156×638×176 mm 27 kg	1156×638×176 mm 28 kg

Compressors

 TerraFrigo 5H11	 TerraFrigo 5H14	 TerraFrigo 5H14, 7H15
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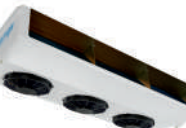
Condensing  
units

 867×506×198 mm 28 kg	 1310×574×410 mm 53 kg	 1310×574×410 mm 56 kg
 1310×574×410 mm 80 kg	 1310×574×410 mm 80 kg	 1310×574×410 mm 80 kg

The most powerful unit  
of TerraFrigo range

Evaporating  
units

Series with ultra-thin  
evaporators

 1534×663×208 mm 30 kg	 1534×663×210 mm 33 kg	 1534×663×210 mm 33 kg
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Compressors

 TerraFrigo 7H15, QP-16	 QP-16	 QP-21
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Effective where you need  
TO FIT MORE

S, SP Series with ultra-thin evaporators.



- ✓ For transportation of light, but bulky goods:  
flowers, medicines, cakes, etc.
- ✓ For online stores  
and delivery services.

Get the most of your free space

	S10 ultra-thin	S20, S20 ultra-thin	S30, S30 ultra-thin	S40	S50	S80
Body space at temperature 0°C**	12m³	20m³	30m³/26m³	40m³	50m³	55m³
Body space at temperature -20°C**	6m³	12m³	20m³/18m³	28m³	34m³	48m³
Body space at temperature -20°C..+18°C (Series SP)**	6m³	12m³	20m³/18m³	28m³	34m³	48m³
Cold capacity at temperature -20°C/0°C in the van, W**	864/1810	1973/3558, 1615/2966	2414/4390, 1758/3416	2562/5503	3542/7582	4082/8272

\*All data are for reference only  
\*\*the coefficient of thermal conductivity of the van body is not higher than 0,4 W/m²·°C and ambient temperature +30°C.

Series S freezing 0°C..-20°C      Series SP cold/heat -20°C..+18°C      Series Stin 220V with StandBy parking compressor units