



**FRIGOR TEC**  
Cooling to the point

Genuine for over 60 years!



# STANDARDFRIGOR – Industrial water cooled unit FVWC

[www.frigortecamericas.com](http://www.frigortecamericas.com)



# FRIGOR TEC

Cooling to the point



Water Cooled Unit	FVWC05	FVWC10	FVWC20	Benefits
<b>Nominal cooling capacity</b> <sup>1)</sup> [Ton] [kw]	5 17,5	10 35	20 70	Full cooling capacity in wide temperature range
<b>Temperature range</b> [°F] [°C]	-22 to +140 -30 to +60	-22 to +140 -30 to +60	-22 to +140 -30 to +60	Reliable operation in a wide temperature range
<b>Industrial air fans</b> [cfm] <sup>2)</sup> [m <sup>3</sup> /h] <sup>3)</sup>	2,700 4,000	4,500 6,200	9,000 12,400	Increased static pressure and air flow for a better air circulation
<b>Dimension</b> [inch (L x W x H) [mm] (L x W x H)	42 x 23 x 74 1,067 x 584 x 1,880	42 x 32 x 76 1,067 x 813 x 1,930	84 x 32 x 76 2,130 x 813 x 2,057	Robust powder coated steel frame designed for corrosive environment
<b>CO<sub>2</sub>-equivalent</b> [kg] R134a R513A	5,720 2,524	11,440 5,048	21,450 9,465	Environmental friendly refrigerant
<b>Air Filter</b>	Industrial air filter			Enhanced filter surface for extended maintenance intervals
<b>Condenser</b>	Tubular heat exchanger			Extended maintenance intervals and easy cleaning
<b>Evaporator</b>	Coated Evaporator			Extended fin space and coating for extended maintenance intervals

Electrical heater available on request.

FVWC30 / FVWC40: 30 Ton and 40 Ton units available. Please ask for technical information!

<sup>1)</sup> With 80 °F / 27 °C indoor temperature, 52% relative indoor air humidity and 86 °F / 30 °C water temperature

<sup>2)</sup> 60 Hz

<sup>3)</sup> 50 Hz

Refrigerant Type:	GWP value:
R134a	1,430
R513A	631

Subject to technical change.



# STANDARDFRIGOR FVWC

The watercooled unit STANDARDFRIGOR FVWC is designed for a long lasting and reliable operation in extreme conditions. It is especially designed for conditioning of electrical equipment in large control rooms. The discharge of the thermal load (condenser) is absorbed by the cold water system.

Starting from size FVWC10 the machine part (compressor and tubular heat exchanger) can be separated from the climate part (fan and evaporator). The industrial unit FVWC can be used in limited mounting space and smaller sized doors of the control room.

The long lasting design and corrosion protection of the STANDARDFRIGOR assures a reliable and efficient production process.

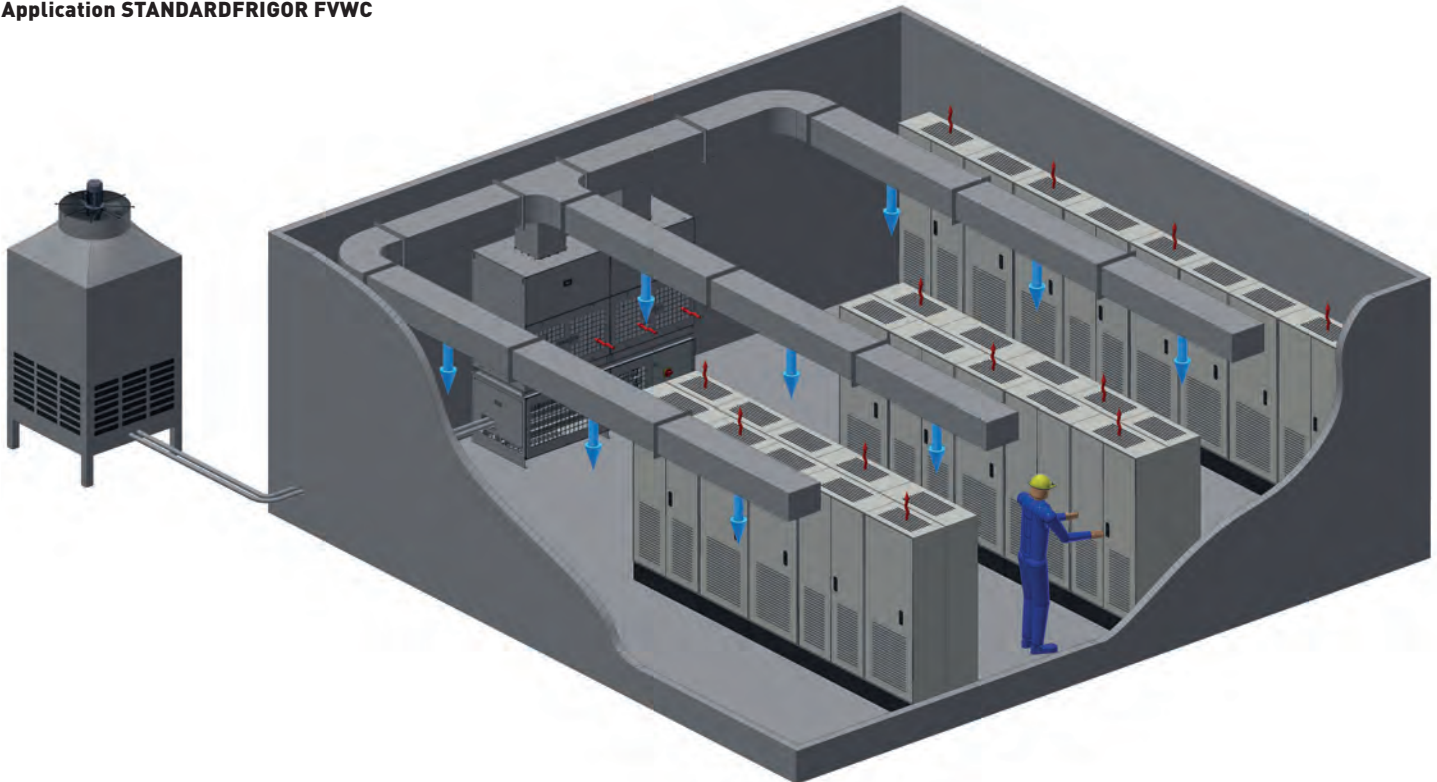
## Technical features:

- Tubular heat exchanger (condenser) for a more reliable operation with waste water and comfortable cleaning
- Corrosion-resistant coating of heat exchange and copper pipes
- Corrosion-resistant housing available for installation in aggressive atmospheres

- Robust sheet-steel construction, designed for extreme shockloads
- Industrial components for 24/7 operation
- Painted with acid- and alkaline-resistant paint



## Application STANDARDFRIGOR FVWC



The FrigorTec GmbH is certified with DIN EN ISO 9001:2015.  
TÜV acceptance testing at factory.

An additional test at the installation site is usually not required for the operation of the compact device STANDARDFRIGOR.

# We pass on only what we have produced by our own hands.



All products are developed, constructed and made by FrigorTec. Every device passes a quality inspection with test runs before delivery. FrigorTec solutions are sold in over 90 countries through the worldwide distribution network.

**SERVICE**  
(24/7)



Our service keeps the units maintained and ensures the spare parts supply - worldwide.  
[service@frigortecamericas.com](mailto:service@frigortecamericas.com)

Grain cooling units  
**GRANIFRIGOR™**

Crane air conditioning  
units **CRANEFRIGOR™**

Standard cooling units  
**STANDARDFRIGOR**

FrigorTec  
**SERVICES**

Insect heat treatment  
**DEBUGGER**

Hay dryer  
**AGRIFRIGOR™**

**Distributor:**

**FRIGOR TEC**  
Cooling to the point

FrigorTec LP • 209 Terra Road  
Blytheville, AR72315  
phone: +1(832) 730 - 1894  
[info@frigortecamericas.com](mailto:info@frigortecamericas.com)  
[www.frigortecamericas.com](http://www.frigortecamericas.com)

