

SMALL.
STRONG.
COOL.

INVENSOR LTC 10 PLUS



Compact Adsorption Chiller with integrated hydraulic unit and maintenance-free chilled water generator

InvenSor's LTC 10 plus is the most popular member of the awarded zeolite-adsorption chiller in the low temperature range.

It combines all basic components for thermic cold production in one machine: chiller, system control and hydraulic station including the most important pumps, valves and mixers. The hydraulic and electric equipment of the machine follows optimal dimensioning, is electrically wired and suitably insulated. More convenient safe and easy than ever.

The chilled water generator in the LTC 10 plus is equipped with the brand-new **ActiVac system for automatic pressure optimisation** and with that is maintenance-free. With ActiVac, the chiller keeps constant optimal pressure conditions inside the adsorber.

- + INTEGRATED HYDRAULIC UNIT
- + MAINTENANCE-FREE CHILLED WATER GENERATOR
- + 10 kW CHILLING CAPACITY
- + TOUCH-SCREEN CONTROLLER
- + PROGRAMMABLE CONTROLLING
- + PIN-SECURED LOG-IN
- + OPTIMIZED FOR CHP-OPERATION

PLUG & CHILL: CLEVER COOLING WITH INVENSOR

EASY INSTALLATION. LESS WORK. STRONG PERFORMANCE.

Like all InvenSor Adsorption chillers, the LTC 10 plus uses heat as a driving energy and thus saves up to 70% electricity compared to a conventional chiller.

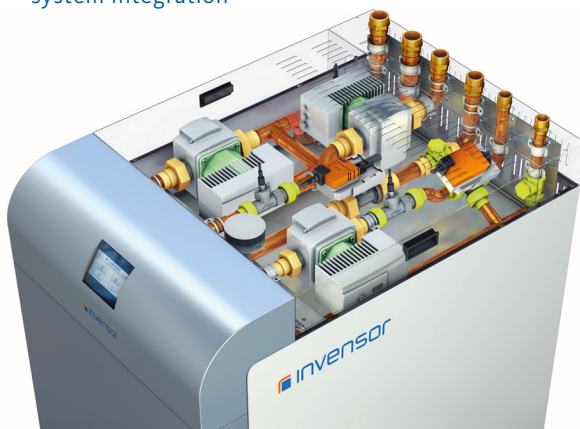
In contrast to other 10 kW chillers, the LTC 10 plus is much smaller, weighs less, and is extremely easy to install and service because of the integrated hydraulic unit.

Important functions like target temperatures for chilled water, return flow to the heat buffer and recooling can be easily set directly on the display.

Thanks to this, heat sources such as CHP units and solar thermal system can be used for uninterrupted cooling.

PLUS! INTEGRATED HYDRAULIC UNIT

Pumps, valves and mixers electrically wired and suitably insulated: for an even more convenient system integration



PLUS! COMFORTABLE CONTROLLING

- + Easy setting of target temperatures
- + Multi-language, coloured touch-display
- + PIN-secured configurations



The Free Cooling-function is also optionally integrated. It allows for enormous energy savings as at cold enough outside temperatures, no driving heat is needed.

DIMENSIONS LTC 10 PLUS:



Weight:	390 kg
Width:	750 mm
Height:	1.370 mm
Length:	1.100 mm
Position of connectors from ground:	1.400 mm

PLUS! EASY INSTALLATION

- + Minimal installation effort
- + Simple start-up
- + Practically maintenance-free

INVENSOR: EFFICIENT TECHNOLOGY. HIGHLY-AWARDED COOLING.



InvenSor chillers have received the Intersolar Award 2010 and the „Kältepreis“ in 2009 and 2012, awarded by the Federal Ministry for the Environment. The machines offer a large chilling capacity as well as high efficiency.

They combine the most modern sorption technology with field-leading know-how. Especially their optimised operation behaviour and their unique InvenSor Touch-Screen controller set them apart.

All values are approximations. Version 02/2013.
Technical changes and errors reserved.



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