

AS-450 UNLIMITED WAS DESIGNED WITH THE VISION OF ENDLESS POSSIBILITIES AND VERSATILITY IN MIND, WHICH IS ALSO WHY IT CARRIES THE ADJECTIVE "UNLIMITED" IN ITS NAME.

AS-450 UNLIMITED MODELS



CZECH UP YOUR
BEER | WATER | WINE | DRINK
COOLING AND DISPENSING SYSTEMS

AS-450 UNLIMITED

IS A COOLER OF UNLIMITED POSSIBILITIES





AS-450 UNLIMITED

GREEN LINE

This device, with a maximum cooling capacity of up to 4000 W and 450 l/h, is powered by a modern dual-circuit compressor cooling system, which, combined with a large 144-liter water tank, allows for the accumulation of up to 90 kg of ice. It's clear that it's capable of high performance.

The device can be used both as a traditional beverage cooler with a capacity of up to 16 beverage coils and as a multifunctional device for various types of applications. Standard equipment includes one agitator pump, but for even greater flexibility and efficiency, it's possible to integrate up to four additional pumps into the system, increasing the number of possible dispensing points to a total of five.

Moreover, the AS-450 Unlimited is not limited to beverage cooling only. Its performance and adaptability also allow it to be used for technological cooling across a wide range of applications, making it a truly versatile unit.



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TEMPERATURE CONTROL - The standard equipment includes a digital thermostat allowing for smooth and precise regulation of water temperature. If the temperature value is set to -1°C , it operates in ice bank mode.

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PORTABLE AND MOBILE - Robust foldable handles are used for unit manipulation, and for better mobility, additional industrial transport wheels can be added.

| BENEFITS AND USEFUL FEATURES

INNOVATION – All of our watercoolers undergo continuous development and meet all the latest safety standards and certifications (Czech and European).

AS TECHNOLOGY – Water cooling technology with an ice bank, where full ice supply provides maximum cooling performance.

PERFORMANCE – The AS NEW GREEN LINE tapping equipment, with its increased continuous output, allows for the continuous serving of quality chilled beverages in quantities corresponding to their numerical marking in litres.

CENTRAL AGITATOR PUMP - The cooler includes a central agitator pump NRG 12 with a discharge of 12 m.

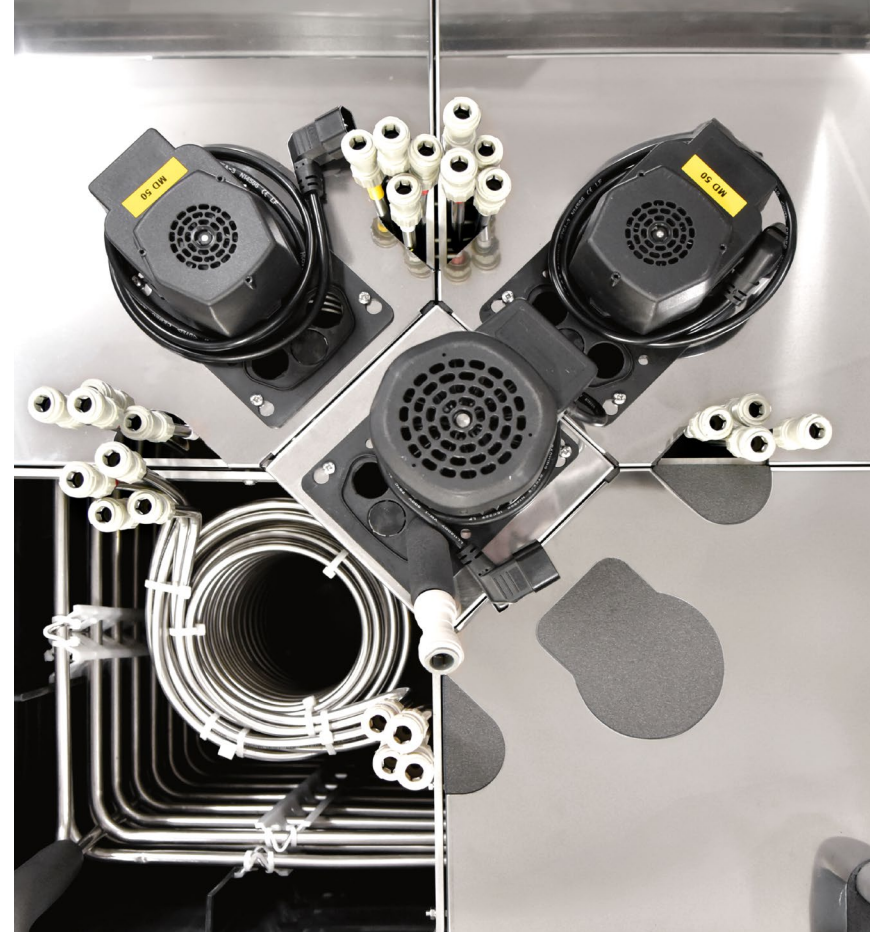
GREEN LINE – The LINDR GREEN LINE technology is environmentally friendly thanks to the use of the eco-friendly refrigerant R-290. Thanks to this design, each product achieves 20% higher energy efficiency and 20% lower power consumption. We have introduced an energy saving system in the production.

DURABLE SURFACE – The cooler is made of stainless steel material.

CONSTRUCTION AND SERVICE – The modern layout of the cooling technology guarantees easy accessibility for any service and maintenance.

EQUIPMENT - The basic equipment includes a central agitator pump. Other equipment is at the customer's choice.

OVERALL COMPACTNESS - AS series coolers have the best ratio of performance, dimensions, and price on the market.



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NUMBER OF DISPENSING PLACES - Up to four additional pumps can be integrated into the system, thereby increasing the number of possible dispensing points to a total of five.

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INTEGRATION OF ADDITIONAL BEVERAGE COILS - The cooler allows for the integration of up to sixteen beverage coils, with four coils per section.





AS-450 FAST DISPENSE GREEN LINE

AS-450 Fast Dispense represents a solution for highly efficient beverage dispensing under heavy load. It is based on an automated dispensing system with a two-stage pouring technology that optimizes flow and minimizes foam formation. This allows pouring 0.5 L of beverage in approximately 6–8 seconds while maintaining consistent quality.

The system operates with precisely controlled dosing and preset volumes (accuracy approx. ± 2 ml) with minimal waste. Automation eliminates dependency on operator skill and significantly increases dispensing capacity – a single tap can replace multiple conventional taps and substantially reduce staffing requirements.

This modification includes long beverage coils with lengths of 32.5 m and 34 m and a diameter of 10 mm, designed for higher flow rates and stable operation under intensive use.

The construction includes a flip-up lid for easy access to the technical section of the cooler and the water tank, the possibility to position the fast dispense tap in two directions, and easy access to the FOB detectors at the rear of the unit via a removable protective cover.



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The **AS-450 UNLIMITED** version with a dispensing tower allows the unit to be equipped with a conventional dispensing tower according to customer requirements, mounted on a special serving plate. The number of taps can be adapted to the specific application and required dispensing capacity. Thanks to its compact design, the unit becomes a fully functional mobile dispensing counter integrating both cooling and dispensing into a single system, enabling quick deployment in various operating conditions.

This configuration is suitable for a wide range of applications, from temporary installations to long-term operation, such as events, catering or installations requiring a flexible and space-efficient solution with a traditional dispensing method.

ILLUMINATED ADVERTISING
LENS

AUTOMATED
TWO-STAGE
DISPENSING
SYSTEM

FLIP-UP LID

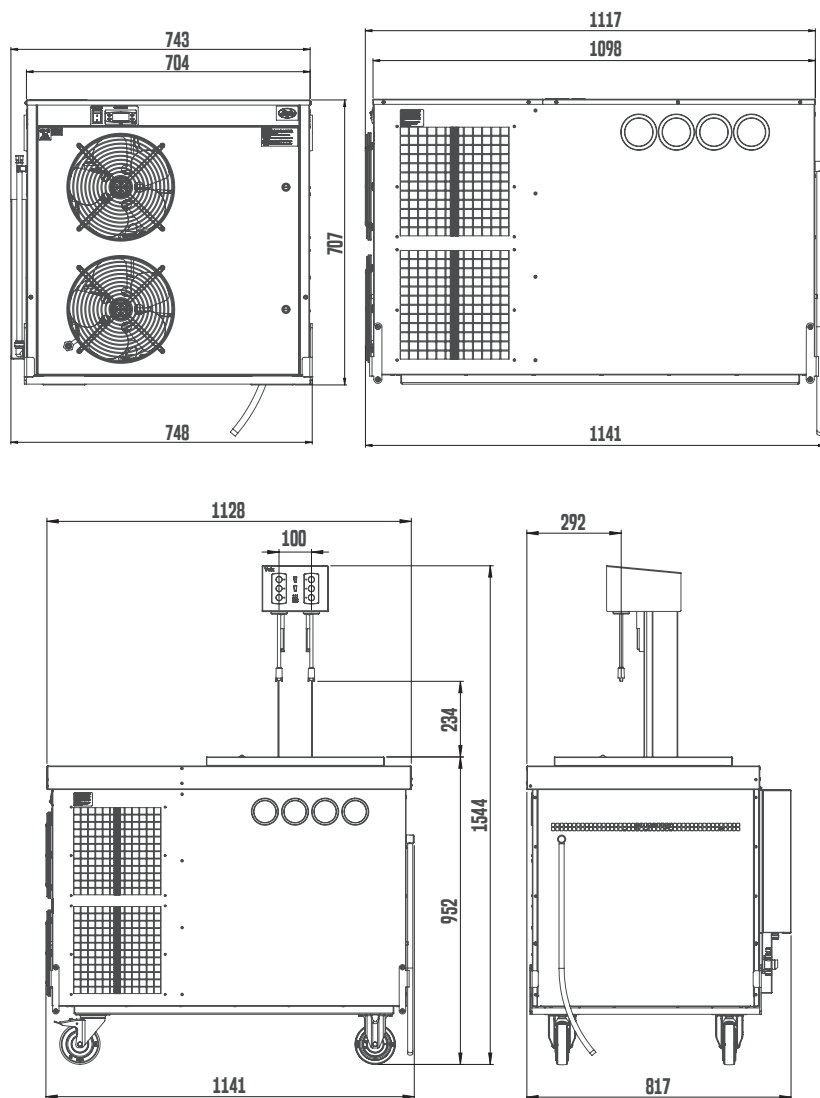
FOAM
DETECTOR
(FOB)

INDUSTRIAL
CASTERS



AS-450
FAST DISPENSE

AS-450 UNLIMITED GREEN LINE



We understand that every customer has unique requirements and expectations for the ideal solution. That is why we are here to help you tailor the AS-450 Unlimited to your specific needs.

Do not hesitate to contact us with your request for a custom modification of this unit, designed to meet your exact requirements.

MODEL	AS-450 UNLIMITED GL
COOLING POWER OF THE COMPRESSOR (HP)	2X 3/4
COOLING POWER OF THE COMPRESSOR (W)	2X 2000
MAX. COOLING CAPACITY TO 0°C / TK 45°C (L/HOUR)	450
CONTINUOUS COOLING PERFORMANCE (L/HOUR)	380
THERMAL GRADIENT ΔT (°C)	10
WATER TANK CAPACITY (L)	144
ICE BANK (KG)	90
DISPLACEMENT OF RECIRCULATION PUMP (M)	12
RECIRCULATION CONNECTION (FITTINGS)	1/2
NUMBER OF COOLED BEVERAGES (PCS)	VARIABLE
POWER (W)	1380
AMPERAGE (A)	6
NET WEIGHT (KG)	120
REFRIGERANT TYPE	R290
VOLTAGE (V)	220-240V 50HZ-1
WATER DRAIN WITH WATERMARK	YES
DIGITAL THERMOSTAT	YES
CUSTOMIZED OPTIONS	
AGITATOR PUMP (PCS)	YES, VARIABLE - MAX. +4
LENGTH OF COOLING COILS (M)	VARIABLE - 4X (2X10, 2X14)
DIAMETER OF COOLING COIL (MM)	VARIABLE - 7X8, 9X10
NUMBER OF COOLED BEVERAGES (PCS)	VARIABLE - MAX. 16
INDUSTRIAL WHEELS	YES
POWER CABLE PLUG	YES
DIGITAL THERMOSTAT	VARIABLE - MAX. +4