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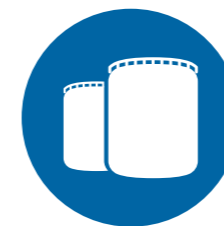
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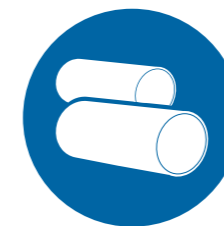
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CR210C Series induction Coating Removal System



Storage Tanks



Pipelines



Ship/Marine



Bridges



offshore

About Canroon



Canroon is a leading provider of power electronics products and solutions. We focus on the field of power electronics. Our products include induction heating machine, industrial automation and photovoltaic energy storage. Canroon has a strong product R&D and engineering team. We are committed to transforming wisdom into leading products and services to meet the needs of different customers and continuously create value for customers. With our comprehensive advantages in the field of power electronics, we strive to become the industry leader.

Canroon always adheres to the concept of "co-create, co-share, and uses continuous innovation as a means to bring more reliable products and better solutions to users, and make human and nature more harmonious.



Enterprise Qualification



High tech enterprise certificate



ISO9001 quality certification



IP authentication



CE certification



Software registration certificate



Appearance Patent Certificate



Utility model patent certificate

CR210C Series Brief Introduction

■ About product:

CR210C series induction heating system, is a high-efficient coating removal system, based on induction heating power source and chiller.

Canroon induction heating power source adopted IGBT full bridge inversion + RISC digital precise control, and is capable of easy power regulation and frequency self-adaption in wide range. Complete protection design ensures equipment running continuously and safely in various working conditions.

The working principle of CR210C system, is to transfer energy quickly to steel, thus to break the bond layer and remove the coating completely, without bringing in extra pollutant (such as sand blasting media). This not only results in higher removing efficiency and much less waste disposal, which brings big economic benefit, but also realized environment friendliness and operator friendliness.

It is already welcomed as the fastest, cleanest, and safest method to remove paint and coating on steel surface.

■ Product feature:

- Higher working efficiency
Fast removing, easy to use, accurate control, thus brings lower rework rate and higher work efficiency.
- Higher disbonding rate
As much as 30m²/hr removal rate, depending on coating material and thickness.
- Operator friendly
No high pressure, no dust emission, less protective device, more safety.
- Environmental friendly
Easier to control waste, zero pollution, zero emission.
- User friendly HMI
User friendly HMI, Chinese and English for choice.



■ Product model selection:

- Portable type (split-type): need external chiller for water cooling
- All-in-one type: designed with built-in chiller and universal wheels, easier for site working.

■ Application area:

Storage tank, pipeline, bridge, ship, and offshore, etc.

CR210C Series Model and Specifications

Type	Model	Input	Output	Cooling System	Size	N.W. (kg)	IP
Split - type	CR210C-030B-14TW	Power: 30KVA Voltage: 3-phase/400V(±20%) Frequency: 50-60Hz Current: 36-54A	Power: 24kW Duty cycle: 100% Frequency: 10-40KHz	Water pressure: 4~6 bar Flow rate: ≥35L/min Water quality: PH7.0-9.0 Cooling power: ≥21.5KW	W: 282.4mm H: 349.4mm D: 621.4mm	33.5	IP54
Split - type	CR210C-060B-14TW	Power: 60KVA Voltage: 3-phase/400V(±20%) Frequency: 50-60Hz Current: 72-108A	Power: 48kW Duty cycle: 100% Frequency: 10-40KHz	Water pressure: 4~6bar Flow rate: ≥75L/min Water quality: PH7.0-9.0 Cooling power: ≥45KW	W: 282.4mm H: 349.4mm D: 621.4mm	33.5	IP54

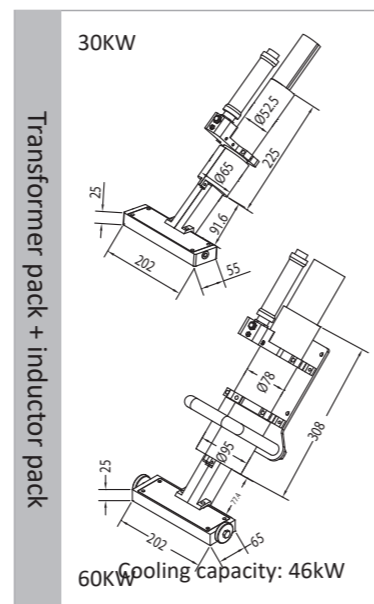
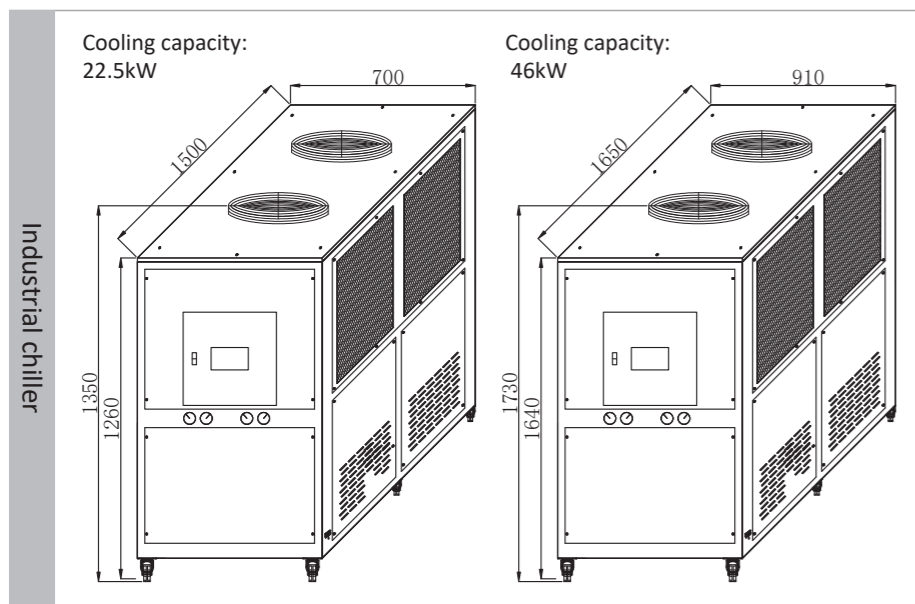
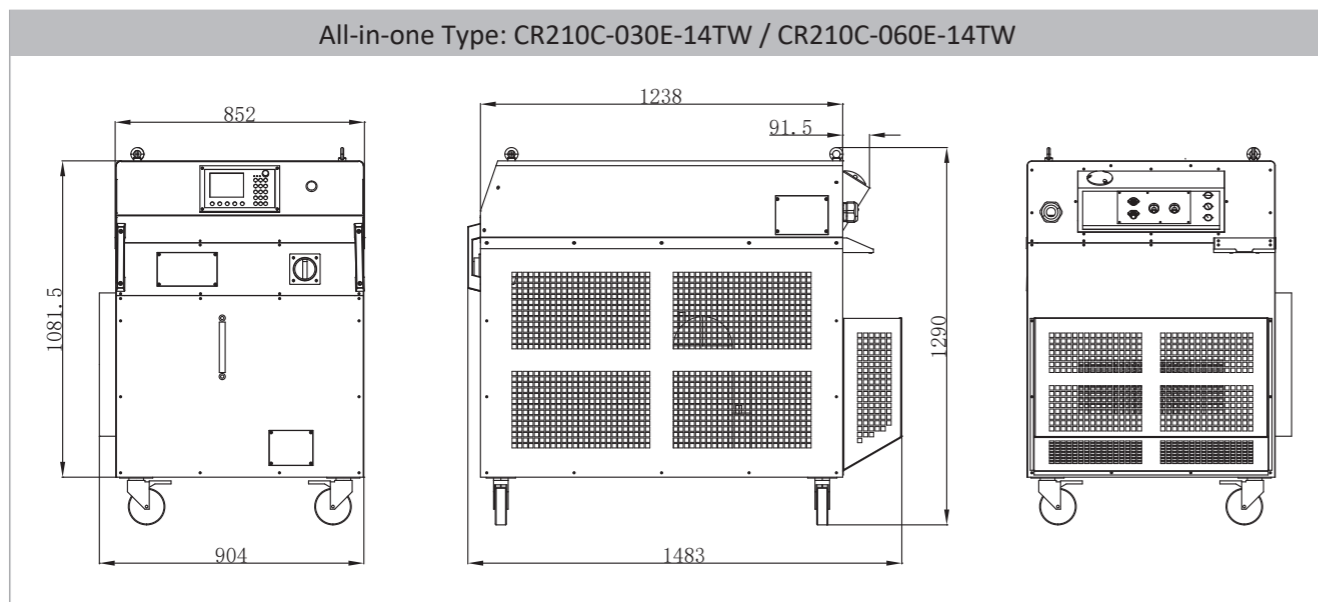
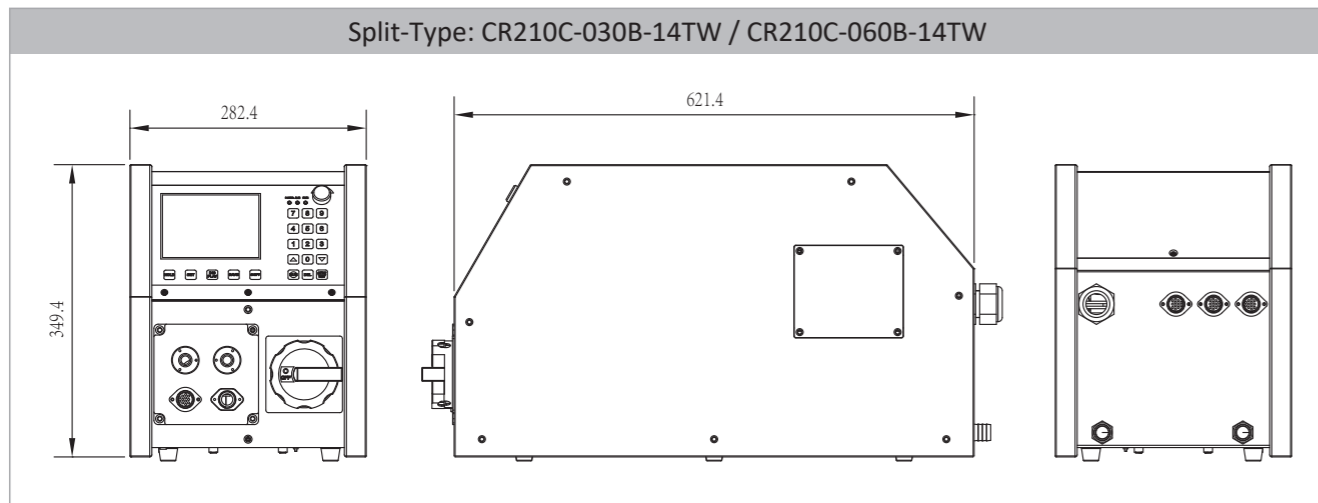


Type	Model	Input	Output	Cooling System	Size	N.W. (kg)	IP
All-in-one Type	CR210C-030E-14TW	Power: 30KVA Voltage: 3-phase/400V(±5%) Frequency: 50Hz Current: 36-54A	Power: 24kW Duty cycle: 30KVA=100% Frequency: 10-40KHz	Water pressure: 4.6bar Flow rate: 100L/min Water quality: PH7.0-9.0 Cooling power: 21.5KW	W: 904mm H: 1290mm D: 1483mm	400	IP23
All-in-one Type	CR210C-060E-14TW	Power: 60KVA Voltage: 3-phase/400V(±5%) Frequency: 50Hz Current: 72-108A	Power: 48kW Duty cycle: >40KVA=50% ≤40KVA=100% Frequency: 10-40KHz	Water pressure: 4.6bar Flow rate: 100L/min Water quality: PH7.0-9.0 Cooling power: 21.5KW	W: 904mm H: 1290mm D: 1483mm	400	IP23

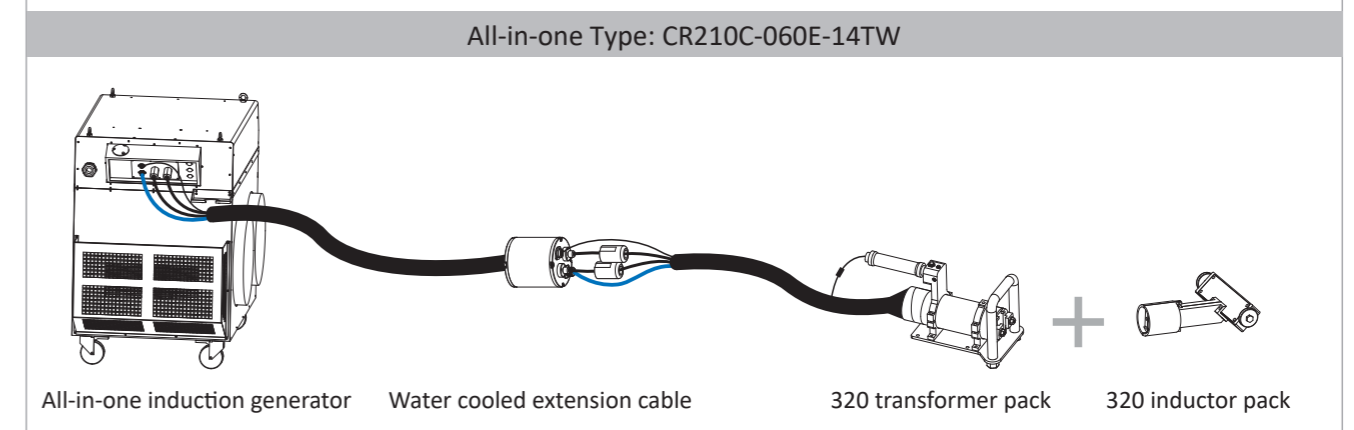
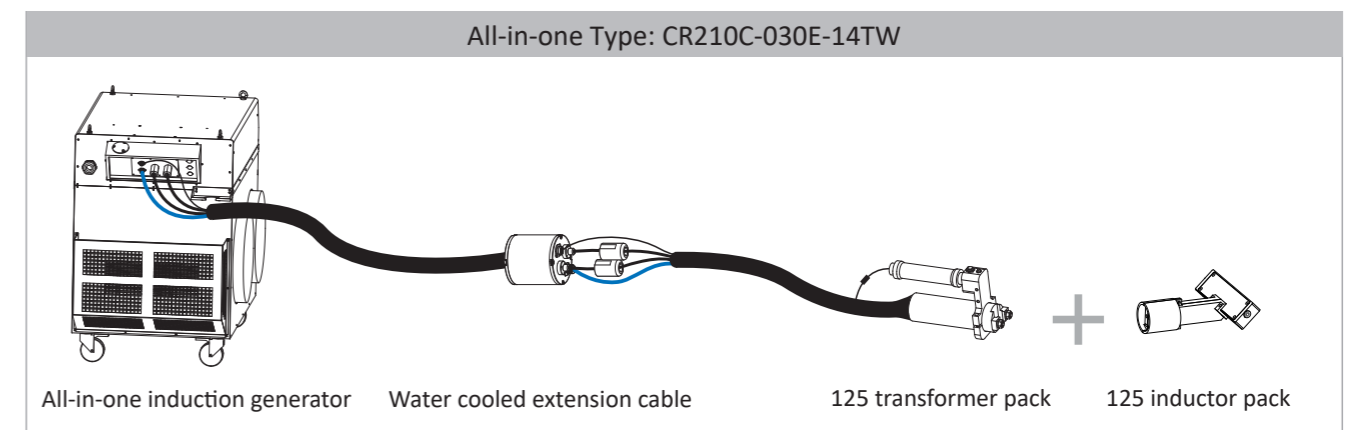
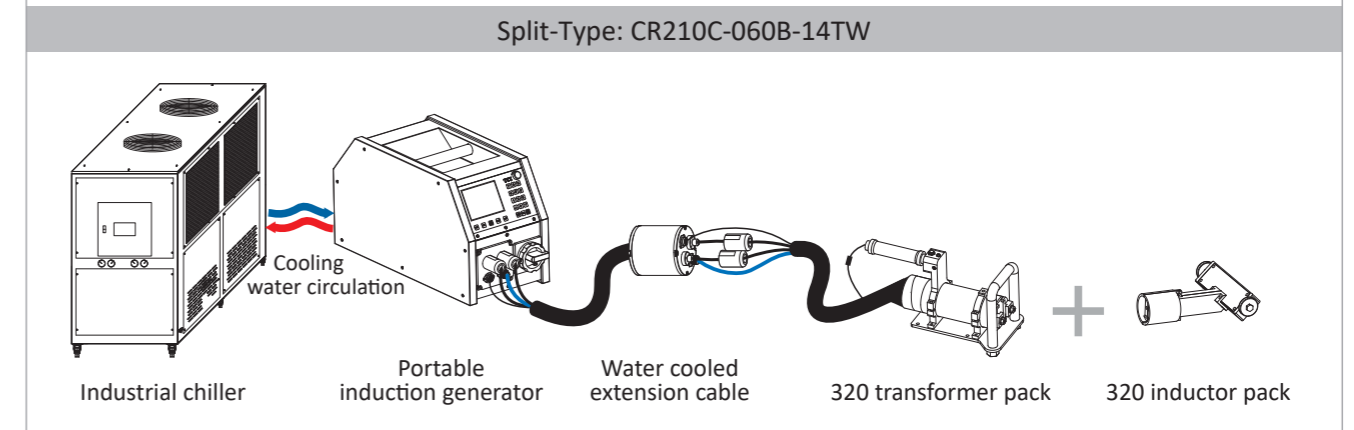
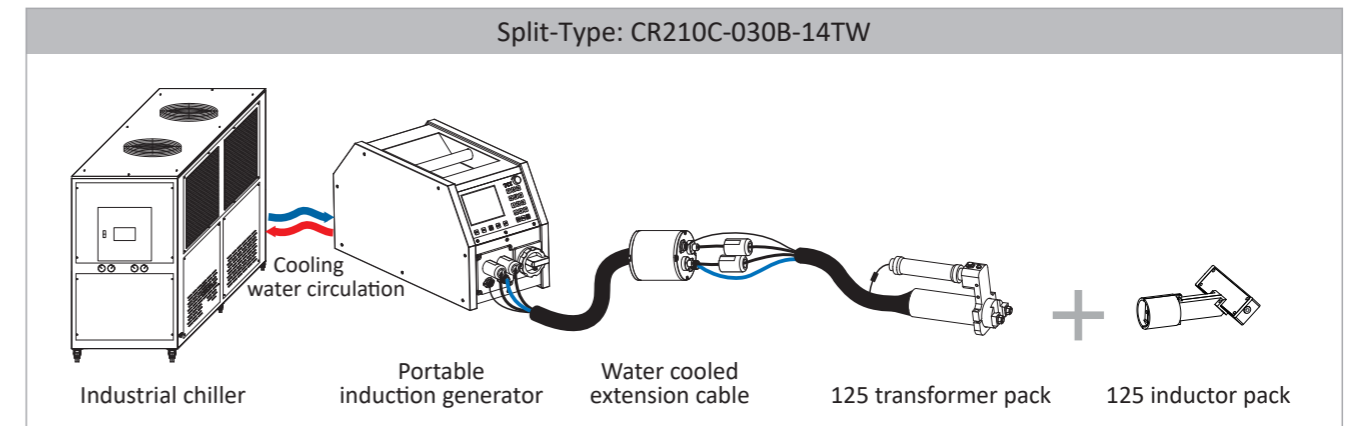


Working temperature range: - 20 °C ~ + 50 °C

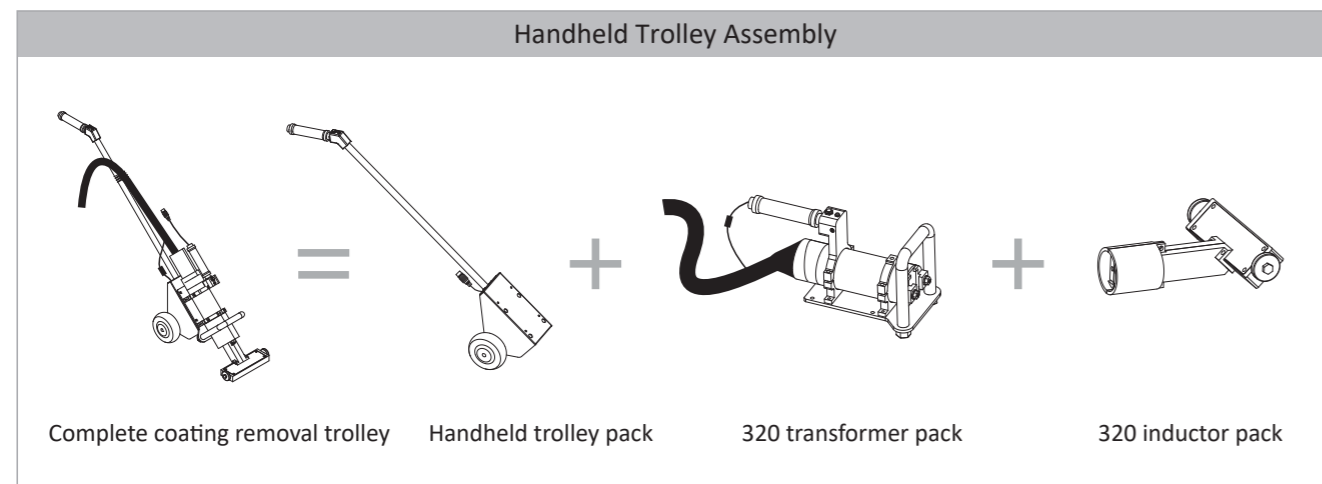
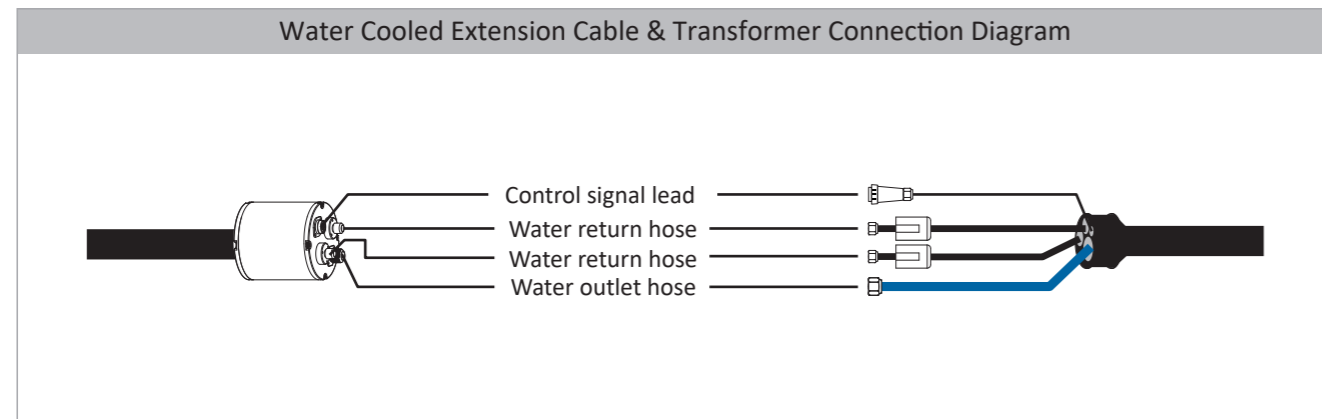
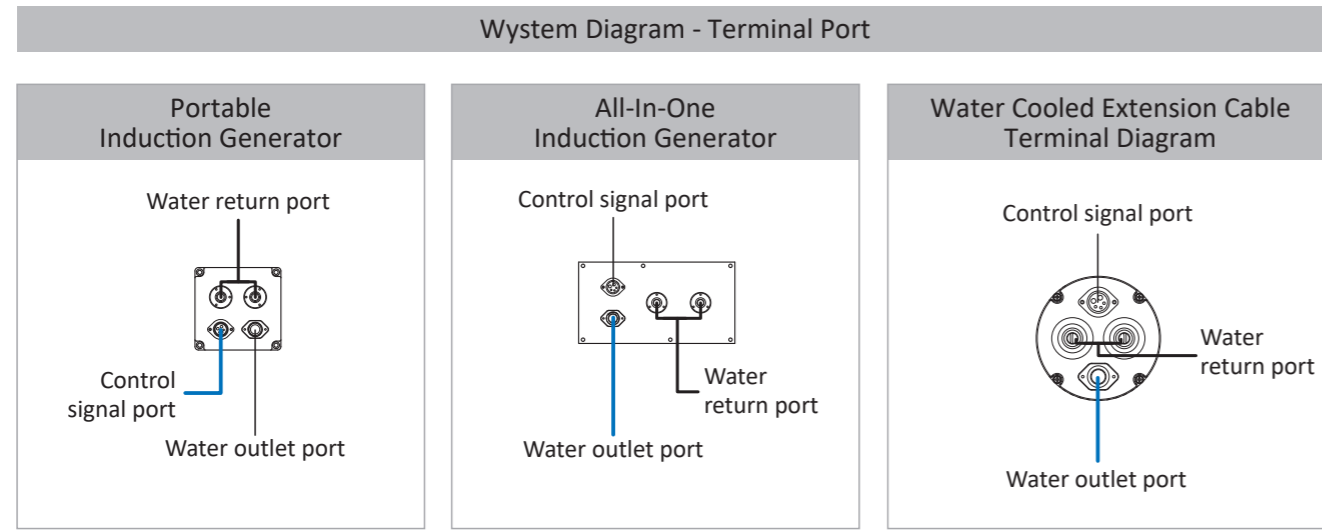
CR210C Series Appearance and Dimension



CR210C System Wiring Diagram



CR210C System Wiring Diagram



CR210C Series Accessories

Industrial chiller	125 inductor	125 transformer	
	320 inductor	320 transformer	
Handheld trolley	Water cooled extension cable		
High silica sticker			

■ Canroon offer customized accessories as per customers' special request.

CR210C Series Accessories List

Picture	Name	Model	Size Parameters	N.W.	Matched Model
	125 inductor	CR240-125-AA	202(L)*55(W) mm	1.0kg	CR210C-030B-14TW CR210C-030E-14TW
	320 inductor	CR240-320-AA	202(L)*65(W) mm	2.0kg	CR210C-060B-14TW CR210C-060E-14TW
	125 transformer	CR-125-24-ST	Standard cable: 5m	7.0kg	CR210C-030B-14TW CR210C-030E-14TW
	320 transformer	CR-320-28-ST	Standard cable: 5m	12.0kg	CR210C-060B-14TW CR210C-060E-14TW
	Water cooled extension cable	CR140-020-JF	Standard cable: 20m	25.0kg	CR210C-030B-14TW CR210C-030E-14TW CR210C-060B-14TW CR210C-060E-14TW
	Handheld trolley	CR250-320-AA	Height of handle above ground: 710mm	4.0kg	CR210C-060B-14TW CR210C-060E-14TW
	Industrial chiller	MG-8AD-380-50K	L: 700mm W: 1350mm D: 1500mm	280kg	CR210C-030B-14TW
		MG-16AD-380-50K	L: 910mm W: 1730mm D: 1650mm	575kg	CR210C-060B-14TW
	High silica sticker	---	L: 1000mm W: 55mm	300g	CR210C-030B-14TW CR210C-030E-14TW
		---	L: 1000mm W: 65mm	400g	CR210C-060B-14TW CR210C-060E-14TW

CR210C Series Application Cases

