

THERMAL MANAGEMENT

PRODUCT FOCUS



# HEAT EXCHANGERS



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ARaymond's tailor-engineered cooling plates **enhance the performance of thermal management processes.** Their **reliability is built on long-term**, proven experience in fluid handling solutions.

## ADVANCED ROLL-BOND TECHNOLOGY



Our well-established roll-bond production process offers **highly customizable channel configurations and sizes**, resulting in optimal thermal exchange and low pressure drops.

**COST-EFFECTIVE**

**FLUX-FREE**

## Benefits



### ULTRA FAST, TAILORED ENGINEERING

On-demand engineering with high project flexibility

High-speed prototyping with customizable circuits

Custom-made partnership on thermal fluid handling solutions



### HIGH CLEANLINESS

Maximum, automotive-level reliability

Contamination-free and corrosion-resistant

Safe and durable operations



### LIGHTWEIGHT

Up to 30%<sup>1</sup> weight reduction

Improved vehicle energy efficiency

Reduced carbon footprint

## MULTIPLE APPLICATIONS

### • Battery Thermal Management

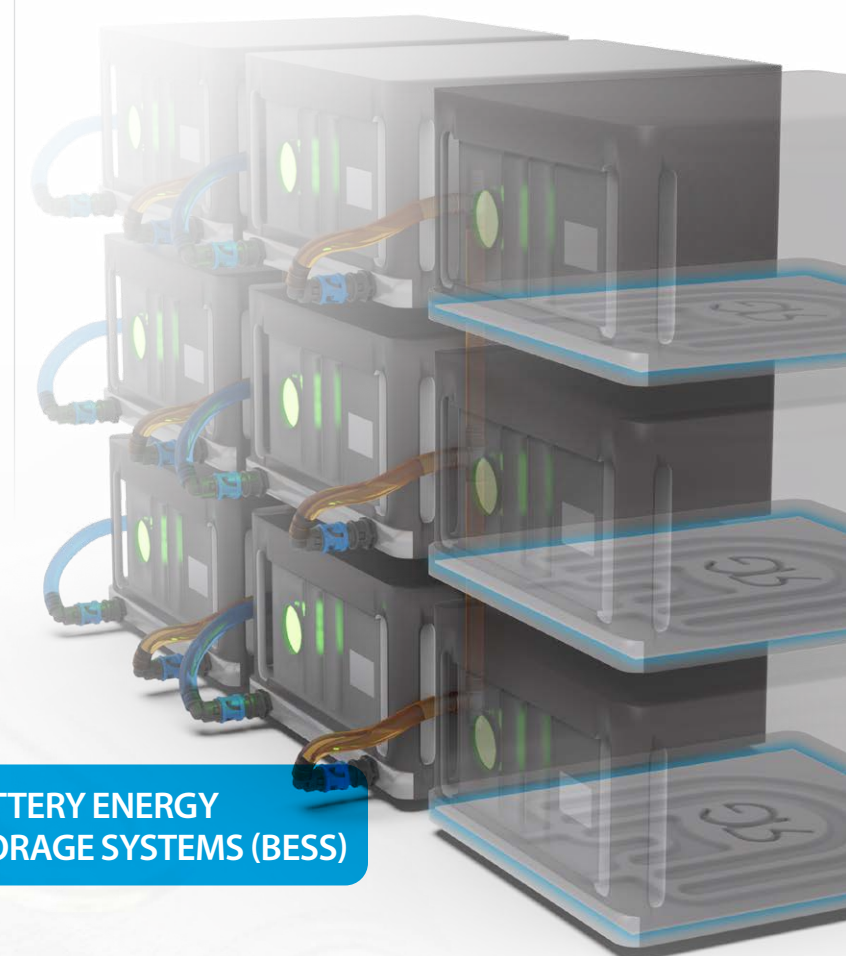
Electric light vehicles – Trucks and buses – Stationary storage systems

### • Electronics Cooling

Data centers and computing – Power electronics

### • Building and Energy

Photovoltaics – Thermoregulation – Various innovative applications for improved energy efficiency



**BATTERY ENERGY STORAGE SYSTEMS (BESS)**

<sup>1</sup>Compared to traditional cooling plates.

# Complementary solutions

## FLUID CONNECTIONS

Wide range of secured and compact Quick Connectors



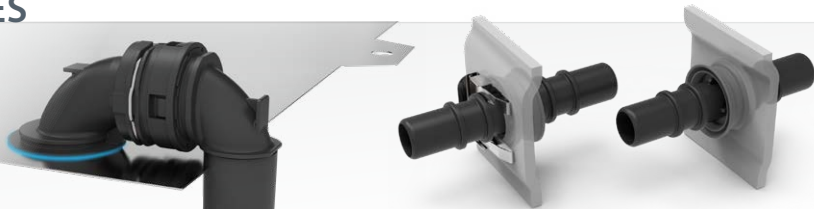
## INTEGRATED FUNCTIONS

- Temperature sensors
- Dry-break double shut-off valves



## ADVANCED INTERFACES

- Pass-throughs
- Flex-to-bond plastic end-piece



## ARAYMOND, AROUND THE WORLD



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E-CATALOG



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