



QAMU

Quick Attack Mobile Unit

POWERED BY

Encapsulator Technology

Timing Is Everything

The QAMU

During any fire hazard emergency, time is of the essence. The ability to quickly apply enough extinguishing agent on the fire to suppress or contain it is critical. The Quick Attack Mobile Unit (QAMU) from Hazard Control Technologies (HCT) is the solution.

The QAMU is a self-contained, pressurized mobile extinguishing unit available in four sizes: 25L, 50L, 75L and 100L. The QAMU is ideal for industrial environments where advanced suppression capabilities are required. The QAMU is typically utilized in Parking Garages, Recycling Facilities, Lithium-ion Battery Charging Stations, Warehouses, Class D Metal Manufacturing & Recycling Facilities and Chemical & Refining Facilities.

The QAMU is paired with HCT's patented F-500 Encapsulator Agent (EA), giving you suppression capabilities that are unmatched by any product on the market today. Whether there's a fire on the tripper floor at a recycling center, a Class D metal fire in a milling machine, or a lithium-ion battery overheating while charging, the QAMU offers unprecedented protection.



The fire department can take up to 15 minutes to arrive on the scene.

A QAMU will give you the ability to not only contain the fire, but also ensure there is enough water and agent ready to use immediately to extinguish any class of fire, including difficult lithium-ion battery fires.





Unique Specifications

Valve + Tube Assembly

Hose + Nozzle Assembly

Two-Wheel Hand Cart



QAMU Tank



Multiple Uses

Fire Suppression

Are you looking for multi-class fire suppression capabilities beyond what a standard extinguisher can provide? Testing has shown that HCT's QAMU paired with F-500 EA can drastically increase suppression capabilities of plain water by at least 300%. This is made possible by the innovative and unique encapsulation qualities of F-500 EA. F-500 EA offers the encapsulation of fuels, rapid heat reduction, and interruption of the free radical chain reaction.

Spill Control

Absorbents on the market today require additional clean up, do not eliminate the fuels' flammability and must be disposed of as a hazardous waste. The same encapsulation capabilities that make F-500 EA a superior fire suppression agent also make F-500 EA ideally suited for flammable spill control. F-500 EA works on a chemical molecular level, binding onto hydrocarbon molecules and sealing them off from oxygen, eliminating flammability on a more permanent level. Once treated, if local laws permit, fuel spills can be left to evaporate and bioremediate, eliminating the need for costly clean up and waste disposal.



3%

25 L (≈ 6.5 G) Capacity

50 L (≈ 13 G) Capacity

75 L (≈ 20 G) Capacity

100 L (≈ 26 G) Capacity

Specialized Applications

Lithium-ion Battery Fires

Are you prepared for a lithium-ion battery fire? What would your company do if lithium-ion battery-powered equipment caught fire at a remote area of your facility? There are countless hazards associated with these fires: thermal runaway, toxic HF gas and flammable electrolyte.

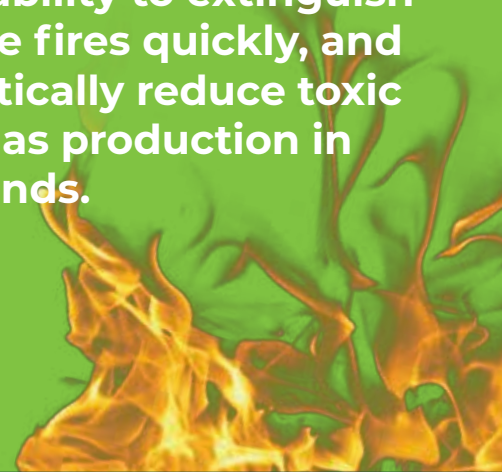
Although the hazards are many, there is just one solution on the market today. HCT's QAMU, powered by F-500 EA! Independent testing has shown F-500 EA is the solution for lithium-ion battery hazards, including **Energy Storage Systems**. F-500 EA is rapidly dropping temperatures below the threshold for thermal runaway, eliminating high percentages of toxic HF gas and encapsulating flammable electrolyte.

These capabilities combined with the robust storage capacity and output of HCT's QAMU gives you the ability to extinguish these highly hazardous fires. **For Energy Storage System protection, contact us for fixed system solutions.**



The QAMU, used with F-500 EA, is a powerful asset that will effectively extinguish lithium-ion battery fires and stop thermal runaway.

In the event of a lithium-ion battery fire, every second counts. The QAMU will give you the ability to extinguish these fires quickly, and drastically reduce toxic HF gas production in seconds.





QAMU



Product Data Sheet

25 L

50 L

75 L

100 L

Part Number	F500-QAMU-025L	F500-QAMU-050L	F500-QAMU-075L	F500-QAMU-100L
Working Pressure	150 PSI [10 BAR]	150 PSI [10 BAR]	150 PSI [10 BAR]	150 PSI [10 BAR]
Testing Pressure	400 PSI [27 BAR]	400 PSI [27 BAR]	400 PSI [27 BAR]	400 PSI [27 BAR]
Solution Volume	6.5 GAL [25 L]	3.2 GAL [50 L]	19.8 GAL [75 L]	26.5 GAL [100 L]
Total Tank Volume	9 GAL [34.5 L]	17.8 GAL [67.5 L]	23 GAL [87 L]	34.7 GAL [131.5 L]
Weight Filled	125 LBS [57 KG]	197 LBS [89.5 KG]	259 LBS [117.5 KG]	345 LBS [157 KG]
Weight Empty	70 LBS [32 KG]	87 LBS [39.5 KG]	94 LBS [42.5 KG]	125 LBS [57 KG]
Height	38 IN [965 MM]	44 IN [1,118 MM]	52 IN [1,321 MM]	52 IN [1,321 MM]
Width	16 IN [406 MM]	19 IN [483 MM]	19 IN [483 MM]	21 IN [533 MM]
Total Discharge Time	45 SEC	90 SEC	195 SEC	190 SEC
Initial Throw Distance	55-60 FT [16.8-18 M]	60-65 FT [18-20 M]	50-55 FT [15.2-16.8 M]	60-62 FT [18-19 M]
Average Throw Distance	35-40 FT [10.7-12 M]	40-45 FT [12-13.8 M]	40-45 FT [12-13.8 M]	45-50 FT [13.8-15.2 M]
Nozzle Rate	8.8 GPM [33 L/M]	8.8 GPM [33 L/M]	6 GPM [23 L/M]	8 GPM [32 L/M]
Temperature Range	35-120°F [1.7-49°C]	35-120°F [1.7-49°C]	35-120°F [1.7-49°C]	35-120°F [1.7-49°C]



We're Here To Help



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