



International Federation
of Red Cross and Red Crescent Societies



ICRC

ERU, Water and Sanitation, Module 15 (M15)

(Water and Sanitation > Water and Sanitation Disaster Response)

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Product page

Code	Description	Ind. price	Ship. weight	Ship. vol.
UWATMM15COMP	ERU, Water and Sanitation, DISTRIB & TRUCKING for M15/M40	on request	22000kg	160m ³

[+ADD](#)

General information

This module M15 is part of the complete Water and Sanitation ERU which is composed of 3 modules (M15, M40, MSM20).

This module consists of 3 parts: Treatment / Distribution and Trucking / Basic sanitation and hygiene promotion.

This module provides treatment and distribution of up to 225,000 litres of water a day for a population of up to 15,000 people, with a storage capacity of a maximum of 200,000 litres a day. This unit can also provide limited sanitation and hygiene promotion for a population of up to 5,000 people. The module is designed for response to three to five densely populated locations, with a flexible approach due to a number of smaller treatment units (minimum three), which can be split and set up as stand-alone units in different locations.

The following equipment list is one example of a M15. Individual NS may utilize their own equipment lists which differ from this list and that of other NS. However, different M15 must be capable of delivering the same function and be able to connect to each other.

Module M15 has integrated distribution and trucking capacity, for transport of treated water to multiple locations with a capacity of up to 75,000 litres a day, with the capacity to set up nine different storage and distribution points (preconditions are availability of flatbed trucks, fuel, road access).

All transport regulated products are packed for the highest constraint, which is air transport on passenger/cargo mix aircraft. They have their IATA certificates inside the set of document of each ERU module.

Specifications

Refer to individual item sheets for the items specifications.

Content list - [Export content list \(excel file\)](#)

Code	Code	Description	Qty
		ERU, Water and Sanitation, TREATMENT for M15	
WWTUTREA04		WATER PURIFICATION UNIT, 4m3/h at 100 NTU, transportable	3 to 5
	Includes:		Qty in each
	KWATTANKP10	KIT, WATERTANK, flexible pillow, 10m3, storage	10
			Total qty
			30 to 50

		20	60 to 100
	KWATRAMP06APKIT, 1 TAPSTAND + PIPEWORK, water and sanit. ERU		
WPUCESRW001	PUMP, END-SUCTION, diesel, Self-Priming Lightweight, 2"/3.3kW	7	
KWATPUMCERU1	KIT, MOTOR PUMP, diesel, 2", water and sanitation ERU	2	
WPUESUSW006	PUMP, SUBMERSIBLE, SEWAGE, 220V/320W, max. 7m ³ /h, h.max. 20m	2	
WPUEBOOS001	PUMP, BOOSTER, 220V/1100W, h.max.40m, max.3m ³ /h, +press.tank	4	
KWATTREAWT01	KIT, WATER TESTING EQUIPMENT, water and sanit. ERU	1	
KWATNEACAS01	KIT, ADAPTORS AND SPARES, water and sanit. ERU	1	
KWATTOOLPU01	KIT, TOOL + ENG.OIL, for pumping set up, wat. and sanit. ERU	1	
Alternative to rigid tanks:	KIT, WATERTANK, rigid or flexible, of equivalent storage		
KWATTANKR70	KIT, WATER TANK, 70 m ³ , rigid, corrugated	1	
KWATRAMP06AP	KIT, 1 TAPSTAND + PIPEWORK, water and sanit. ERU	5	
no code	hoses / pipework kit	1	
no code	chemicals for 1 months operation (per treatment unit)	20	
	ERU, Water and Sanitation, DISTRIB & TRUCKING for M15/M40		
KWATPUMCERU1	KIT, MOTOR PUMP, diesel, 2", water and sanitation ERU	1	
KWATPUMCERU2	KIT, MOTOR PUMP, diesel, lightweight, + PIPES	4	
KWATNEACPP01	KIT, PUMPING PIPEWORK, water and sanitation ERU	1	
KWATTOOLPU01	KIT, TOOL + ENG.OIL, for pumping set up, wat. and sanit. ERU	1	
KWATTANKR10	KIT, WATER TANK, 10 m ³ , rigid, corrugated	9	
Alternative to rigid tanks:	KWATTANKP10 KIT, WATERTANK, flexible pillow, 10 m ³ , storage		
KWATTANKRTO1	KIT, TOOL, for rigid corrugated water tanks	1	
KWATTANKP05T	KIT, WATERTANK, flexible pillow, 5m ³ , transport/storage	3	
KWATRAMP06AP	KIT, 1 TAPSTAND + PIPEWORK, water and sanit. ERU	9	
KWATNEACAS01	KIT, ADAPTORS AND SPARES, water and sanit. ERU	1	
	ERU, Water and Sanitation, BASIC SANITATION for M15/M40		
RAGRTOOLHOE3	HOE, with long handle, large type	10	
RAGRTOOLSHO4	SHOVEL, round point, 22cm, with long handle	10	
RAGRTOOLSHO3	SPADE SHOVEL, square point, D handle	10	
RAGRTOOLAXE2	PICK-AXE, with handle	10	
RAGRTOOLAXE3	AXE, 2.5kg, with safety handle	5	
ETOOSAWSW750	SAW, bow type, for wood, 750mm blade	5	
ETOOHAMMCARP	HAMMER, nail claw, carpenter type, 800g, steel + plast. hand	5	
WSANSPRA15	SPRAYER, manual, back pack, 15l	3	
Alternative to above item:	WSANSPRA10H SPRAYER, manual, hand held, 10L		
WCHPDELT2WP3	DELTAMETHRIN, 'K-OTHRINE', 2.5%, wettable powder, 33g sach.	200	
WASDCHLAG25	CHLORINE, NaDCC granules, >50% active chlorine, 25kg	1	

APROOVERCO1	OVERALL, 100% cotton, white, 2 long zip, size L	10
APROOVERCO2	OVERALL, 100% cotton, white, 2 long zip, size XL	10
APROOVERCO3	OVERALL, 100% cotton, white, 2 long zip, size XXL	10
APROGOOGPL	GOOGLES, plastic, with rubber string, eyes protection	30
APROGLOVHD10	GLOVE, protection, heavy duty leather, size 10	30
APROGLOVRU10	GLOVE, chemical protection, heavy duty rubber, size 10	30
APROMASKD1	MASK, dust protecting, size 1-5	200
APROMASKDG	MASK, vapor and dust protection, A1P2, 2 cartridges type	2
APROBOOTR07	BOOTS, heavy duty plastic rubber, pair, size 7	6
APROBOOTR08	BOOTS, heavy duty plastic rubber, pair, size 8	6
APROBOOTR09	BOOTS, heavy duty plastic rubber, pair, size 9	6
APROBOOTR10	BOOTS, heavy duty plastic rubber, pair, size 10	6
APROBOOTR11	BOOTS, heavy duty plastic rubber, pair, size 11	6
APACPLASD200	DRUM, for water or fuel, plastic, with safety plug 2", 200l	4
HCONBOWLPL40	BASIN/BOWL, for washing, plastic, round, 40L	10
HHYGSOAP100G	SOAP, body soap, 100g, piece	200
ETOObUCKR10	BUCKET, heavy duty rubber, masonry type	5
HCONBUCKG10	BUCKET, metal, galvanised, 10l	5
HCOOCOUMJ1G	MEASURING JUG, 1L, graduated, shock proof transparent plast.	5
XLABSCALK11	KITCHEN SCALE, for blood collection, 2kg max, accuracy 0.25%	1
XLABSCALK110	KITCHEN SCALE, weighing 10 kg, accuracy 100g	1
HSHEROPE06P	ROPE, POLYPROPYLENE, diam. 6 mm, twisted	200m
HSHEROPE01N	ROPE, NYLON, polyamide, diam. 1 mm braided string	500m
WSANSQPL001	SQUATTING PLATES, polypropylene	50
ETOOWHEBS90L	WHEEL BARROW, approx. 90L dry solids, strong solid wheel	3
HSHETARPW460	TARPAULINS, woven plastic sheeting 4 x 60m white/white, roll	5
WSANSQPL002	MOLD, for making latrine slabs, SanPlat type	1
KSANHYGP01A	HYGIENE PROMOTION BOX A, promotion items	1