



# Jotron Tron 40VDR

Float Free Capsule



[www.jotron.com](http://www.jotron.com)



# ▶ Tron 40VDR Capsule

## General product information

Jotron Tron 40VDR Float Free Capsule is a combined Cospas-Sarsat and MED approved float free emergency position indicating radio beacon (EPIRB) and a float free storage medium. The Tron 40VDR Float Free Capsule complies to the latest VDR performance standards IMO MSC.333 (90), IEC61996-1 Ed.2 and IEC61097-2. The separate VDR storage module contains a standardized memory capacity at 64GB.

## SPECIFICATIONS

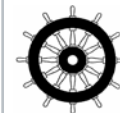
TECHNICAL	
Battery:	Lithium, Saft LSH-14 Light, 7.2V / 18Ah(2S5P), 5 years service life
Housing:	Glass reinforced polycarbonate
Height:	400 mm
Max diameter:	200 mm
Weight approx.:	1.9 kg
Materials:	Polycarbonate
Compass safe distance:	0.8 m
Temperature range:	-20°C to +55°C ( -4°F to +131°F)
Temperature storage:	-30°C to +70°C (-22°F to +158°F)
Operating life:	Minimum 168 hours at -20°C
COSPAS-SARSAT	
Transmitter Frequency:	406.037 MHz ± 2 ppm
Output power:	5W ± 2 dB
Protocols:	MMSI and Serial Location Protocols
Modulation:	Phase modulation 1,1 ± 0.1 rad
Data encoding:	Bi Phase L
Stability - short term:	≤ 2 x 10e-9Hz
Stability - medium term:	≤ 10e-9Hz
Residual noise:	≤ 3 x 10e-9Hz
Bit rate:	400 b/s
Antenna:	Built in, omnidirectional
Homing Transmitter	
Frequency:	121.500MHz
Output power:	Up to 100 mW
Modulation:	A9, AM sweep tone between 300Hz and 1600Hz
Sweep range:	700Hz. Sweep rate: 2.5Hz
Stability:	10 ppm over temperature range
Antenna:	Built in, omnidirectional
<b>Bracket</b>	
• Materials:	Glass reinforced polycarbonate / Glass reinforced nylon
• Dimensions:	(H/L/W) 553mm / 236mm / 214mm
• Weight app:	2.9 kg
• Release mechanism:	Jotron approved Hydrostatic release unit with special bolt

## Tron 40VDR Float Free Capsule Accessories :

- X-88370** Spare Tron 40VDR with storage module
- X-88380** Spare Tron 40VDR without storage module
- X-89340** Tron 40VDR lower battery module, SBM-kit
- X-86218** FB-40 HRU-Kit (Hydrostatic Release Unit)
- X-87634** Tron 40VDR Float Free Capsule user-manual
- X-87920** Float Free Bracket, FB-40
- X-89339** Tron 40VDR Float Free Capsule VDR storage module kit
- X-87921** FB-40 docking module
- X-88102** Spare FB-40 Float Free Bracket without docking module
- X-88237** Silicone grease tube for Tron 40VDR



Tron 40VDR is approved by



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Jotron AS reserves the right to change the design and/or specifications at any time without prior notice. Reservations are also taken towards any general errors that may occur.

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