

RADIUS™

DECK MOUNTED MONITOR

TFT's RADIUS is the highest reaching and flowing deck mounted monitor. Easily installs on both new apparatus or as an upgrade of an existing monitor.

RADIUS Beats the Competition

- The highest reaching deck mounted monitor in its class at 23" (584 mm)
- The highest flowing deck mounted monitor in its class at 1500 gpm (6000 l/min)



High Volume Tactical Advantage

- The above deck mounting is ideal for apparatus where below deck extension tubes do not fit
- 360-degree continuous horizontal rotation with a smaller swing radius than competitive models
- A vertical range of 90 degrees up and 45 degrees down



Easy Operation and Install

- Easy installation on 3" or 4" (76 or 102 mm) apparatus connections on new or in-service apparatus
- RADIUS elevates by simply pulling the quick release knob and lifting until it's in the locked position
- A standard stowed sensor kit tells the operator if the RADIUS is stowed or deployed
- RADIUS elevates the monitor nozzle outlet nearly 2 ft. above the deck of the truck



HOW TO ORDER

PART #	3" ANSI 150 INLET	4" ANSI 150 INLET	ADDITIONAL DESCRIPTION
Y35-D24A	RADIUS 3"ANSI 150 INLET		2.5"NH MALE OUTLET W/ 12 V STOW LIGHT
Y35-D24A-24	RADIUS 3"ANSI 150 INLET		2.5"NH MALE OUTLET W/ 24 V STOW LIGHT
Y35-D25A	RADIUS 3"ANSI 150 INLET		2.5"BSP MALE OUTLET W/ 12 V STOW LIGHT
Y35-D25A-24	RADIUS 3"ANSI 150 INLET		2.5"BSP MALE OUTLET W/ 24 V STOW LIGHT
Y35-D21A	RADIUS 3"ANSI 150 INLET		3.5"NH MALE OUTLET W/ 12 V STOW LIGHT
Y35-D21A-24	RADIUS 3"ANSI 150 INLET		3.5"NH MALE OUTLET W/ 24 V STOW LIGHT
Y35-D22A	RADIUS 3"ANSI 150 INLET		3.5"BSP MALE OUTLET W/ 12 V STOW LIGHT
Y35-D22A-24	RADIUS 3"ANSI 150 INLET		3.5"BSP MALE OUTLET W/ 24 V STOW LIGHT
Y35-D14A		RADIUS 4"ANSI 150 INLET	2.5"NH MALE OUTLET W/ 12 V STOW LIGHT
Y35-D14A-24		RADIUS 4"ANSI 150 INLET	2.5"NH MALE OUTLET W/ 24 V STOW LIGHT
Y35-D15A		RADIUS 4"ANSI 150 INLET	2.5"BSP MALE OUTLET W/ 12 V STOW LIGHT
Y35-D15A-24		RADIUS 4"ANSI 150 INLET	2.5"BSP MALE OUTLET W/ 24 V STOW LIGHT
Y35-D11A		RADIUS 4"ANSI 150 INLET	3.5"NH MALE OUTLET W/ 12 V STOW LIGHT
Y35-D11A-24		RADIUS 4"ANSI 150 INLET	3.5"NH MALE OUTLET W/ 24 V STOW LIGHT
Y35-D12A		RADIUS 4"ANSI 150 INLET	3.5"BSP MALE OUTLET W/ 12 V STOW LIGHT
Y35-D12A-24		RADIUS 4"ANSI 150 INLET	3.5"BSP MALE OUTLET W/ 24 V STOW LIGHT

SPECS

Description	US	METRIC
Stow Position Height	14.9 in	379 mm
Raised Position Height	22.89 in	582 mm
Horizontal Control	Aluminum Crank Handle	
Horizontal Movement - degrees	360°	
Max Flow	1,500 gpm	6000 l/min
Stow Warning Light	12 or 24 VDC	
Outlet	2.5 in & 3.5 in	
Vertical Control	Aluminum Crank Handle	
Vertical Movement - degrees	-45° to 90°	
Weight	37 lbs	17 kg
Minimum Flow Area (4" Inlet)	12.6 in ²	81.1 cm ²
Minimum Flow Area (3" Inlet)	7.07 in ²	45.6 cm ²
Maximum Operating Pressure	200 psi	14 bar
Operating Temperature Range of Fluid	-33°F to 120°F	-1°C to 50°C
Storage Temperature Range	-40°F to 150°F	-40°C to 65°C
Materials	ANSI A356.0-T6 Aluminum, Stainless HDPE (High Density Polyethylene)	

TECHNICAL DATA

Task Force Tips model # Y35-D11A RADIUS articulating monitor shall be supplied. The monitor shall be constructed from hardcoat anodized aluminum alloy with a silver powder coat internal and external finish. The monitor shall have the ability to horizontally rotate 360 degrees and have a vertical elevation travel of 135 degrees from 90 degrees above to 45 degrees below horizontal.

The outlet section of the monitor can be manually articulated up, raising the nozzle outlet position to 22.9" above the inlet flange. A spring-loaded locking pin with knob shall lock the monitor in the raised or lowered position for flowing. A large knob on the outlet elbow for ease of articulation operation shall be standard. A "deck monitor raised" light, position sensor, relay, and bracket kit for a 12-volt system shall be included.

Rotation and elevation shall each be controlled by a crank with stainless steel worm gear. Grease fittings shall be located on all pivot points for durability and ease of maintenance and a threaded port shall be provided for a pressure gauge. The monitor shall have an automatic drain valve.

The monitor shall be configured with a 4" ANSI 150 flange inlet with 4" female NPT threads and 3-1/2" male NH outlet threads, be capable of flowing 1500 GPM and have a maximum operating pressure of 200 PSI. The unit shall have a unique serial number and be covered by a five-year warranty.