



The QPT-500 unit is designed for Heavy Duty mobile and fixed operation in the most hostile environments.

It features all-metal gearing for improved durability, aluminum housing with a powder coat finish (for white & black models), and improved corrosion resistance.

The unit has single-bolt cover access for internal limit switch adjustments. Position feedback and an optional heater is available on most models.



Key Features

Designed for Heavy Duty Operation

360° ($\pm 180^\circ$) pan rotation, 180° ($\pm 90^\circ$) tilt range

All metal gearings, stainless steel external hardware.

Aluminum housing, stainless steel covers with powder coat finish

Heater included

Potentiometers included for position feedback

Key Features continued

Voltage:	115 VDC
Load Capacity:	500 lbs. (227 kg)
Duty Cycle:	Intermittent
Pan Range:	360° (±180°)
Pan Speed Range (±1°):	0.4° to 10°/ sec.
Pan Torque:	60 ft.-lbs
Pan Motor Current:	0.5 amp
Tilt Range:	180° (±90°)
Tilt Speed Range:	0.2° - 3°/ sec.
Tilt Torque:	500 ft.-lbs
Tilt Motor Current:	1.8 amp
Motor Type:	Permanent Magnet
Connector:	17 pin (mating connector included)
Weight:	117 lbs (53.2 kg)
Dimensions:	17.47"H x 17.8"W x 12.28"D (444mmH x 452mmW x 312mmD)
Drivetrain:	Steel gear & worm, ball & tapered roller bearings, steel chain
Limit Switches:	Internal, adjustable
Backlash:	Adjustable to 0
Repeatability:	0.25°
Material:	Housing - Aluminum 6061 - T6, External Hardware & Covers - Stainless Steel
Exterior Color/Finish:	Dupont 326162A, Ford PFWS9 Powder Coated (custom colors/private labeling upon request)
Environmental Enclosure:	Gasketed & sealed to withstand water & dust penetration
Heater:	120 volt, 450 watt
Operating Temperature:	+5°F to +131°F (-15°C to +55°C) (without heater operating) -22°F to +131°F (-30°C to +55°C) (with heater operating)

Dimensions are in inches [mm]

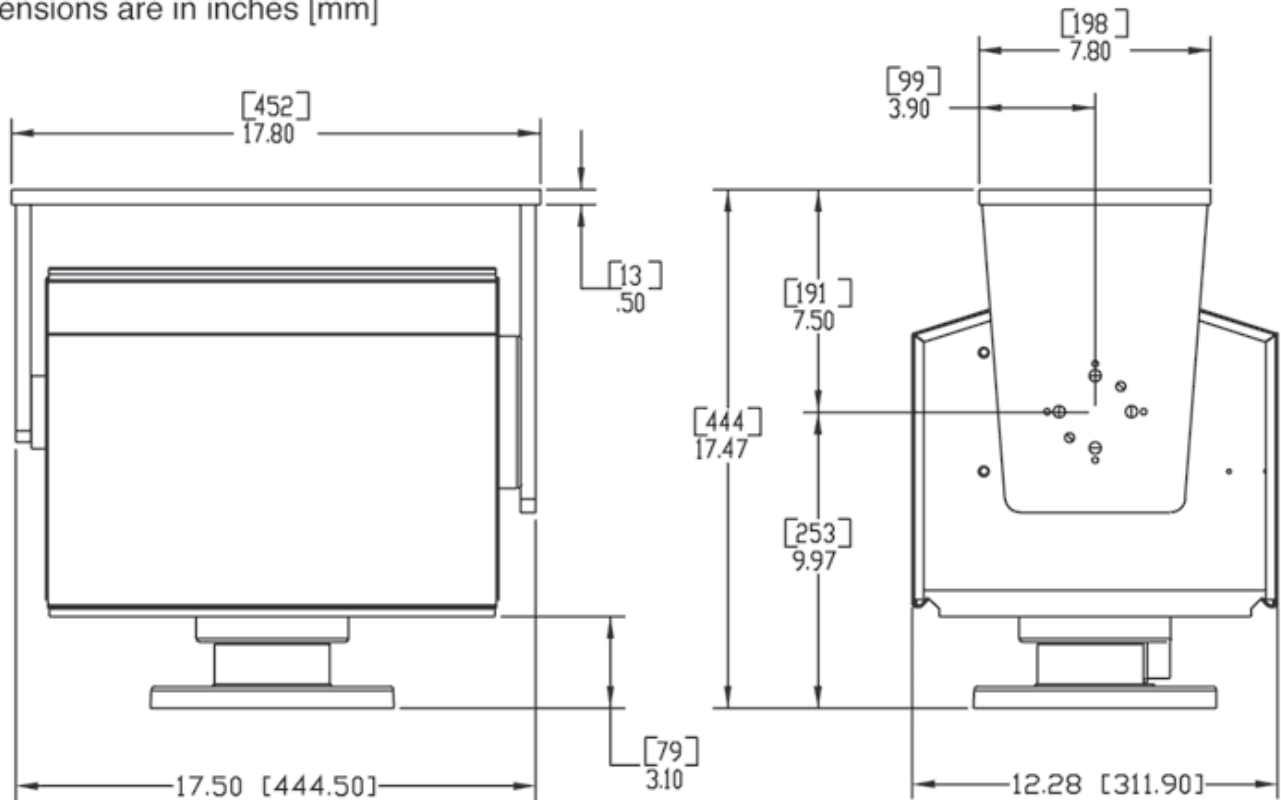
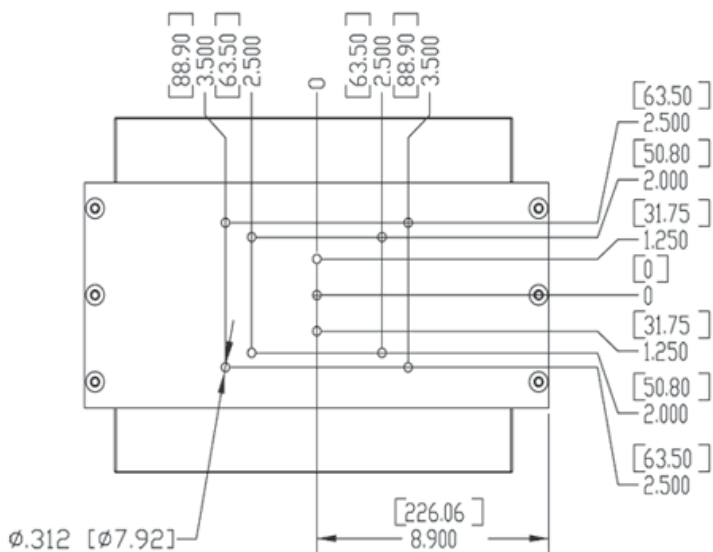


TABLE TOP MOUNTING HOLE DIMENSIONS



BASE MOUNTING HOLE DIMENSIONS

