

RAPTOR CLAMP™ DIVERTER

DRONE INSTALLATION KIT

The RAPTOR CLAMP Diverter Drone Installation Kit offers electric utilities and contractors the ability to safely and efficiently install PLP's RAPTOR CLAMP Diverters via a simple-to-use DIY accessory kit that seamlessly attaches to DJI Matrice 300/350 drones. The kit's quick-change carriage system, which can carry up to three diverters simultaneously, enables operators to reload diverters quickly, minimizing downtime and maximizing efficiency. Additionally, the kit's use of drone technology allows crews to install diverters along multiple spans and in difficult-to-access areas from a single location, significantly accelerating the installation process compared to traditional bucket truck methods.

Improved Workplace Safety

- Reduces lineworker exposure to safety hazards
- Eliminates the need for helicopter installations

Precision Product Installations

- Installs RAPTOR CLAMP Diverters at precise locations, ensuring optimal visual alert for avian species

Increased Project Efficiency

- More cost-effective than traditional installation methods
- Dramatically decreases installation time

Reduced Environmental Disruptions

- Use of battery-powered drone technology provides a quiet and environmentally-friendly method for installing diverters compared to a helicopter or bucket truck

The industry's leading clamp-style diverter is now the first to offer a do-it-yourself drone-based installation kit. When combined with the DJI Matrice 300/350 drone platform, the RAPTOR CLAMP Diverter installation kit provides utilities with the most versatile, safe, and efficient self-service method for installing bird diverters. For additional product information or to inquire about hands-on training opportunities, contact your local branch.







ORDERING INFORMATION

RAPTOR CLAMP Diverter Drone Installation Kits

Part Description	Catalog Number	Description
Single Kit	M300/350 RAPTOR INST KIT	RAPTOR CLAMP Diverter Drone Installation Kit (Single Kit)
Double Kit	M300/350 RAPTOR INST DBL	RAPTOR CLAMP Diverter Drone Installation Kit (Double Kit)
Accessories/Replacement Parts		
Case	RAPTOR CLMP INST SYS CASE	Storage Case (fits 2 kits)
Component	GUARD SYSTEM	Guard Rod System Kit
	UPPER GUARD SYS MOUNT	Motor Arm Guard Kit
	LOWER GUARD SYS MOUNT	Landing Gear Guard Mount Kit
	CLAMP CARRIER ASSEM	3-Way Clamp Carrier
	LANDING GEAR BRACE ASSEM	Leg Brace Assembly
	VERTICAL ROD KIT	Vertical Standoff Assembly

Single Kit includes all necessary components for 1 drone: Guard Rod System (1), Motor Arm Guard (1), Landing Gear Guard Mount (1), 3-Way Clamp Carrier (1), Leg Brace Assembly (1), Vertical Standoff Assembly (1), Storage Case (1). DRONE NOT INCLUDED.

Double Kit includes all necessary components for 2 drones: Guard Rod System (2), Motor Arm Guard (2), Landing Gear Guard Mount (2), 3-Way Clamp Carrier (2), Leg Brace Assembly (2), Vertical Standoff Assembly (2), Storage Case (1). DRONES NOT INCLUDED.

RAPTOR CLAMP™ Diverters

Catalog Number	Description	Diameter Range		Weight
		Minimum	Maximum	
		in (mm)	in (mm)	lb
RAPTOR-YEL	RAPTOR CLAMP Diverter, Yellow Reflective Tape	0.1 (2.5)	1.8 (45.7)	0.4
RAPTOR-YW	RAPTOR CLAMP Diverter, White and Yellow Reflective Tape			
RAPTOR-LED-W	RAPTOR CLAMP LED Diverter, White Flasher, Yellow Reflective Tape		Hand or Hot Stick Installed	1.1
RAPTOR-LED-WYW	RAPTOR CLAMP LED Diverter, White Flasher, White and Yellow Reflective Tape			
RAPTOR-LED-UV	RAPTOR CLAMP LED Diverter, Ultra-Violet Flasher, Yellow Reflective Tape		1.0 (25.4) Drone Installed	1.1
RAPTOR-LED-UVYW	RAPTOR CLAMP LED Diverter, Ultra-Violet Flasher, White and Yellow Reflective Tape			

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