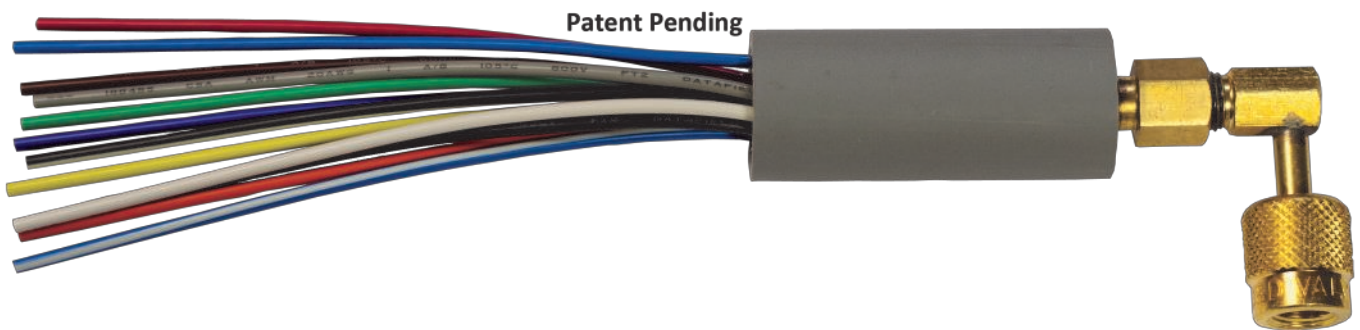


Starlite Security
Devices, LLC



Professional Air Conditioner Security

Part #: TW-8100



<http://ACWhip.com>

What it is and how it works

The TW-8100 (The Whip®) is a high-security air conditioner security device designed to secure the copper coils of any air conditioner or heat pump system. The tamper-proof design incorporates a mechanically operated dry contact connected to an array of field-selectable End-of-Line resistor wire leads so that it can be securely connected to any brand of electronic security system or wireless transmitter.

Once installed, The Whip® monitors the pressure inside of the copper coils of the air conditioner system. When the copper is cut (e.g. by a thief) the pressure drops, causing The Whip® to actuate. Typically to activate a loud siren, activate lights, notify the authorities, notify the owner, trigger video recording, or any combination thereof.

Technical Specifications

Contact Open Pressure	5psi
Contact Close Pressure	20psi
Proof Pressure	500psi
Burst Pressure	2500psi
Ambient Temperature Range	-22F - +176F
Fluid Temperature Range	-58F - +248F
Electrical Rating (contact only)	6A @ 250VAC
Contact Resistance	<50mΩ
Contact Configuration	SPST; OPEN at atmospheric pressure
Resistors	1/4 watt, 5% tolerance (Gold Band)
Wire Leads	20AWG Stranded; UL 1015

Wire Legend

BLUE = COMMON
Black = 1KΩ resistor
Brown = 2KΩ resistor
Red = 2.2KΩ resistor
White = 3.3KΩ resistor
Orange = 4.7KΩ resistor

Blue with White stripe = NO RESISTOR
Green = 5.6KΩ resistor
Black with White stripe = 10KΩ resistor
Violet = 33KΩ resistor
Gray = 47KΩ resistor
Yellow = 470KΩ resistor

Accessories

Outdoor Installation Kit (part #: TW-8100-ODKT) - Perfect kit for installing The Whip® with wireless transmitters. Makes installation quick and easy. Saves time and money.

Gas Leak Detector (part #: GLD-8) - Bubble-type gas leak detector.

Mini-Split Adaptor (part #: AD-410) - 1/4" to 5/16" adaptor for mini-split air conditioners.

Leak Lock® (part #: LL-113) - specially formulated pipe joint compound

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