

- Eliminates moisture in residential and commercial systems
- Treats up to 5 ton systems
- Compatible with all oils and refrigerants
- Compliments the system's drier
- Prevents acid from forming

## Application

Moisture is a problem for any system and a concern of all technicians. If it is not removed, acids as well as corrosion and other problems can trouble the system and the compressor. A/C EasyDry is a quick and simple way to address the moisture.

## Description

A/C EasyDry contains a dehydrating agent that converts system moisture into a natural organic material that is compatible with and mixes with the lubricant. We recommend the use of A/C EasyDry whenever there is a concern that a system has moisture. It can also be used prior to A/C EasySeal to ensure all moisture has been removed from the air conditioning system. The 3 oz. aerosol can is sufficient to treat systems up to 5 tons.

In most cases, if a system has not leaked all the way to zero, there is typically no air or moisture in the system. When charged, the system has greater pressure than the outside atmospheric pressure and moisture and air will typically not enter the system. But in situations where the system is known to have moisture in it, use A/C EasyDry.

## Packaging

3 oz. pressurized can	<b>4051-06</b>
A/C Piercing Valve and Hose	<b>4051-99</b>

## Directions for Use

Read all directions and warnings before using.

**Note:** For professional use only. Wear safety glasses and protective gloves. Use in accordance with all regulations and proper service practices in handling of refrigerant.

## Total System Protection

### A/C EasyDry



### If system's low side pressure is below 65 psi while running (R-22):

1. Shake can well. Make sure system is running and low side is below 65 psi.
2. Be sure piercing valve handle is turned fully counter clockwise and then attach piercing valve to can.
3. Attach other end of charging hose to low side service port. As this is done, there will be a very small release of system charge that will purge air from the hose.
4. Turn piercing valve handle fully clockwise to pierce can. Invert can and hold above low side service port.
5. While inverted, turn piercing valve handle counter clockwise to install A/C EasyDry. Allow approx. 1 minute for product to completely enter the system.
6. Once product is dispensed, remove hose from low side service port. Retain hose for future installations and dispose can properly.
7. Run the A/C system continuously for 20 minutes with system operating at normal temperature.
8. For systems containing excessive moisture, additional A/C EasyDry may be required.

## R-410A INSTRUCTIONS:

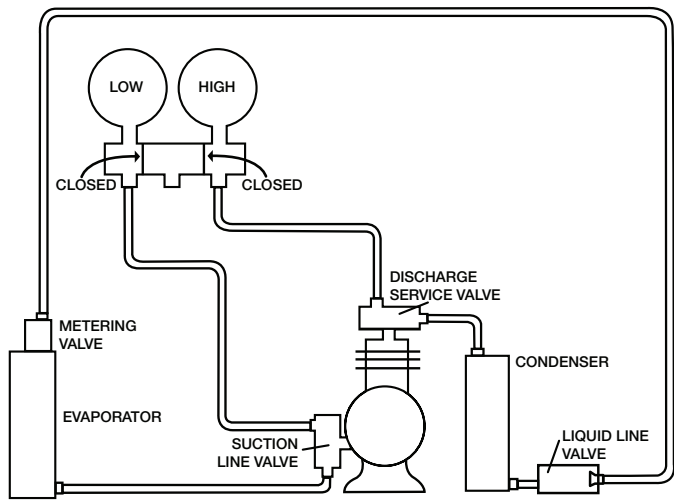
**IMPORTANT:** Product is to be injected only after the system has been pumped down and the low side has a pressure of 40-50 psi. Since low side pressures in a R410A system are higher than the pressure in the A/C EasyDry can, you must first pump down the system to inject the project. To do so, follow the below instructions.

1. Secure electric power to the unit and connect the refrigerant manifold, as shown in Figure 2.
2. Close the liquid line valve and turn the compressor on to start pumping refrigerant into the condenser.
3. Operate the compressor until the suction (LO) gauge on the manifold shows a pressure of 40 to 50 psi (lower pressure than what is in the can). **CAUTION:** Do not pump completely down as low pressure cut-off or high pressure relief could engage.
4. When the pressure on the suction (LO) gauge is between 40 and 50 psi, turn the compressor off and immediately close the suction line valve. This procedure traps most of the refrigerant in the condenser allowing you to inject the A/C EasyDry. (Be sure the pressure in the low side is between 40 and 50 psi)
5. Shake can well. Be sure piercing valve handle is turned fully counter clockwise and then attach piercing valve to can. Be sure not to cross thread or over tighten.
6. Attach other end of charging hose to low side service port. As this is done, there will be a very small release of system charge that will purge air from the hose. Additionally, where permissible by law, the hose can be purged by slightly unscrewing the piercing valve from the can allowing the system's charge to enter and purge the hose.
7. Turn piercing valve handle fully clockwise to pierce can. Invert can and hold above low side service port.
8. While inverted, turn piercing valve handle counter clockwise to open valve and install A/C EasyDry. Allow approximately 1 minute for product to completely enter the system.
9. Once product is dispensed, close piercing valve and remove hose from low side service port.
10. After the charging hose is disconnected from the system, open the valves to allow the refrigerant back into the rest of the system. Charge system with refrigerant to achieve correct system pressure. **DO NOT** overcharge. Run the A/C system continuously for 20 minutes with system operating at normal temperature.

FIGURE 1



FIGURE 2



## REUSABLE PIERCING VALVE AND HOSE, DO NOT DISCARD.

### Site Glasses

Liquid line site glasses will behave as usual and will indicate a dry condition after A/C EasyDry has been circulating in the system for about 24 hours.

### Frequently Asked Questions:

#### What is A/C EasyDry and how does it work?

A/C EasyDry contains a dehydrating agent that converts moisture into an organic material that is compatible with and mixes with the systems lubricant (mineral, alkylbenzene or POE).

#### How much moisture will be absorbed with one can of A/C EasyDry?

One can will convert 6 grams, 1,739 ppm or 120 droplets of moisture.

#### How much A/C EasyDry is needed?

This is sometimes difficult to determine as the amount of moisture in a system is typically not known. However, a general recommendation is to use one can in systems up to 5 tons, but consider using a partial can on systems between 6,000-18,000 Btu/h.

#### Is A/C EasyDry compatible with refrigerants and lubricants?

Absolutely. It is compatible and soluble with all lubricants, CFC's, HCFC's and POE's.

#### Will driers be affected by A/C EasyDry?

No, A/C EasyDry will not affect the performance of driers. In fact, because it eliminates moisture, it actually helps the drier work better.

#### When should A/C EasyDry be used?

Whenever it is known or suspected that a system contains moisture. Additionally, it can be used prior to installing A/C EasySeal.

#### What happens to the A/C EasyDry once it is charged into the system?

Once in the system, A/C EasyDry remains with the refrigerant and will last indefinitely or until it reacts with and eliminates moisture.

#### Will A/C EasyDry have any effect on recovery equipment, gauges or manifolds?

No. However, recovered refrigerant should be considered used.

#### Will A/C EasyDry have any affect or harm system components such as the compressor?

No, it is very stable and will not affect system components.

Read and understand the product's label and Safety Data Sheet ("SDS") for precautionary and first aid information.

The SDS is available on the Nu-Calgon website at [www.nucalgon.com](http://www.nucalgon.com).

