



# SMART TRANSFER

**Refrigerant Transfer System** 

PATENT PENDING

# Safety is every facility's #1 priority.

SMART Transfer isolates the charge in your refrigeration system, **automatically** when a leak is detected, or **on demand** while maintenance is performed. This provides safety for operators and peace of mind for everyone.



# **AUTOMATIC LEAK RESPONSE**

Instead of relying on human decision-making to detect and/or diagnose the true severity of a potential refrigerant leak, SMART Transfer sensors use your pre-defined safety parameters to detect leaks. Then, the system can automatically transfer, hold and return the complete refrigerant charge as required, so there is no need for operators to enter potentially contaminated areas or risk exposure.

# **SMART Transfer Leak Response Process**



#### 1. DETECT

SMART sensors installed in the compressor room continually monitor the environment to detect leaks that exceed the predefined PPM threshold.



## 2. TRANSFER

If the leak reaches a predetermined severity level, or if the operator chooses to activate the transfer manually, refrigerant isolation is initiated.

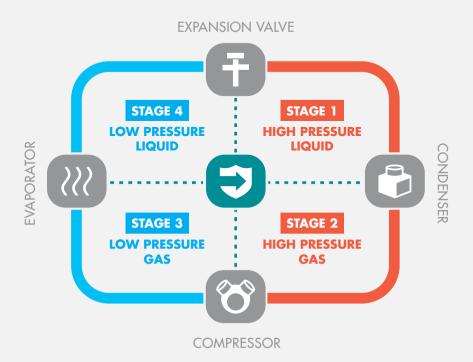


## 3. RETURN

Once the leak has been resolved, the refrigerant can be transferred from the SMART Transfer back into the system.

# PROTECTION ON DEMAND

SMART Transfer allows you to isolate the four (4) system stages so that maintenance can be performed on any of the components while the refrigerant is safely contained. This greatly reduces potential exposure risks to your staff.



## **SMART Transfer Maintenance Protection Process**



## 1. ACTIVATE

Manual button activation is used to start the transfer of the refrigerant from the system to the SMART Transfer.



### 2. HOLD

Refrigerant is contained within the SMART Transfer while maintenance is performed.



## 3. RETURN

Once the maintenance is complete, the refrigerant can be transferred from the SMART Transfer back into the system.



## Refrigerant hazards are hard to predict. But they can be easy to contain.

Even with the best designs and safety standards, there are decisions that staff and contractors need to make in regards to managing an unplanned refrigerant leak or isolating equipment to perform maintenance.

There are many safe practices and enhancements available for leak response or maintenance, but nothing is as fast and complete as SMART Transfer.

### **SMART TRANSFER PROVIDES:**

- ✓ Improved Safety Refrigerant is automatically transferred, so operators don't have to enter potentially contaminated areas
- ▼ Fast and Complete Transfer The fastest method to safely remove all refrigerant from the system
- Less Downtime Shorter maintenance time
- ✓ Ease of Use No specialized training or external equipment required
- ▼ True Peace of Mind For owners, operators and the community

To learn more about SMART Transfer, contact us today.

1-800-267-1418

CIMCOrefrigeration.com/SMARTtransfer

