

## **ISCEON® MO29**

### **Description**

ISCEON® MO29 (R-422D) is an easy-to-use, non-ozone-depleting HFC refrigerant for replacing R-22 in medium-temperature direct expansion (DX) refrigeration applications (can also be used for low temperature), including commercial supermarket systems, and in stationary DX air conditioning applications, including DX water chillers.

### **Features and Benefits**

- provides easy, quick, cost-effective retrofits -- easier retrofit than R-404A, R-507, and R-407C
- non-ozone-depleting HFC
- in most cases no change of lubricant type during retrofit is required -- compatible with traditional and new lubricants
- Field testing has been successful in many systems with no TXV change - superheat adjustment may be required.
- An assessment of TXV loading is required to determine if TXV change is required
- enables continued use of existing equipment
- 30% lower Global Warming Potential (GWP) vs. R-404A and R-507
- after retrofit, can be topped off during service without removing the entire refrigerant charge

### **Applications and Uses**

- Medium-temperature commercial and industrial DX refrigeration (can also be used for low temperature):
- Food service
- Supermarket display cases
- Food storage and processing
- Ice machines
- Residential and commercial air conditioning:
- Best choice for DX water chillers