



## Difluoromethane (CH<sub>2</sub>F<sub>2</sub>)

### Specifications

	GRADE 3	GRADE 4
Purity	99.9%	99.99%
Nitrogen	< 300 ppmv	< 40 ppmv
Oxygen	< 50 ppmv	< 10 ppmv
Carbon Dioxide		< 5 ppmv
Moisture	< 100 ppmv	< 5 ppmv
Other Halocarbons		< 60 ppmv
Acidity		< 0.1 ppmv
Other Organics	< 700 ppmv	

*Note: Moisture level guaranteed only when EFC Gases & Advanced Materials prepares the cylinders. All concentrations are on a mol/mol basis unless otherwise stated.*

### Cylinder Sizes

SIZE	FILL WEIGHT (LB)
44L/Size 200	65
16L/Size 80	25
7L/Size 35	15

### Technical Data

Molecular Weight: 52.02 g/mol  
Specific Volume: 7.19 cu.ft./lb  
Pressure @ 70°F: 23.5 psig  
Valve Outlet: CGA 350 DISS 724

### Shipping Information

DOT Name: Difluoromethane  
Hazard Class: 2.1  
DOT Number: UN 3252  
DOT Label: Red, Flammable Gas  
CAS Number: 75-10-5