

# DURA-CYL®

180MP LCCM LFT AT 125 PSI PREMIUM LIQUID CYLINDERS

## Gas Delivery during the transport of live fish

### EASY TO USE

- The cylinder was primarily developed to deliver oxygen (O<sub>2</sub>) for the Live Fish Transport (LFT) application
- Automatic pressure building and gas economizer systems
- All valves and instruments within easy reach and visibility
- Stable low center of gravity

### SUPERIOR PERFORMANCE

- Rugged, maneuverable and fast filling
- Gas and/or liquid withdrawal
- Continuous flow rates up to 350 SCFH
- Long life and vibration resistance

### COST EFFECTIVE

- Transport one cylinder instead of five high pressure bottles
- Super insulation provides long holding time and low Nominal Evaporation Rate
- Stainless steel vessels and patented robust inner support system
- Heavy-duty footing and large diameter handling ring with four supports



Dura-Cyl® 180 MP  
Liquid Cylinder with  
footring base



Fresh fish on your plate, always.



LCCM models have an integral mounted combination pressure control regulator with an isolation valve.



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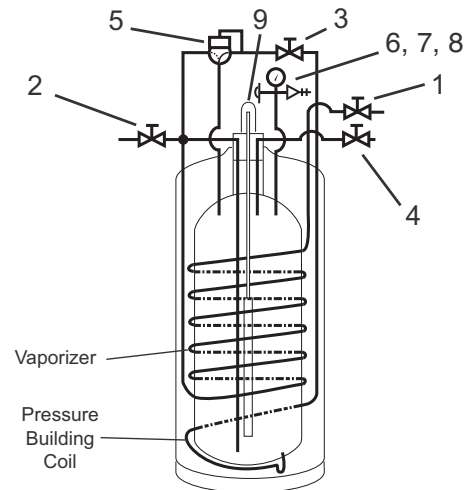
For maximum longevity and service from the cylinder, it should be mounted up towards the truck cab. The cylinder should never be mounted over the rear truck axle as this will accelerate wear of the bottom cylinder support. Setting the cylinder on a 1/2" plus thick rubberized pad will also help absorb vibration and extend the life of the cylinder.

### Nomenclature

1. Gas Use Valve
2. Fill / Liquid Valve
3. Pressure Building Valve
4. Vent Valve
5. Combination Pressure Building Regulator
6. Pressure Gauge
7. & 8. Dual Safety Devices
9. Liquid Level Gauge

Specifications		
<b>MODEL</b>		<b>180 L MP</b>
LCCM LFT	Part Number	21528206
<b>CAPACITY*</b>		
Liquid (Gross)	(liters)	196
Liquid (Net)	(liters)	185
Gas (N <sub>2</sub> )	ft <sup>3</sup>	4,099
Gas (O <sub>2</sub> )	ft <sup>3</sup>	5,096
Gas (Ar)	ft <sup>3</sup>	4,961
<b>PERFORMANCE</b>		
NER** (N <sub>2</sub> )	% per day	2.9
NER (O <sub>2</sub> - Ar)	% per day	1.8
Gas Flow (N <sub>2</sub> , O <sub>2</sub> , Ar)	SCFH	350
<b>DIMENSIONS &amp; PRESSURE RATINGS</b>		
Relief Valve Setting	psi	230
DOT/TC Rating		4L200
Diameter	in	20
Height <sup>(3)</sup>	in	64.3
Tare Weight	lb	260
Full Weight(N <sub>2</sub> )	lb	557
(O <sub>2</sub> )	lb	682

\* At 125 psi pressure  
 \*\* NER=Nominal Evaporation Rate  
 \*\*\* Tank plus product at saturated pressure



Model: MP - Medium Pressure (Liquid or Gas Use)