

# Airless Paint Sprayers with

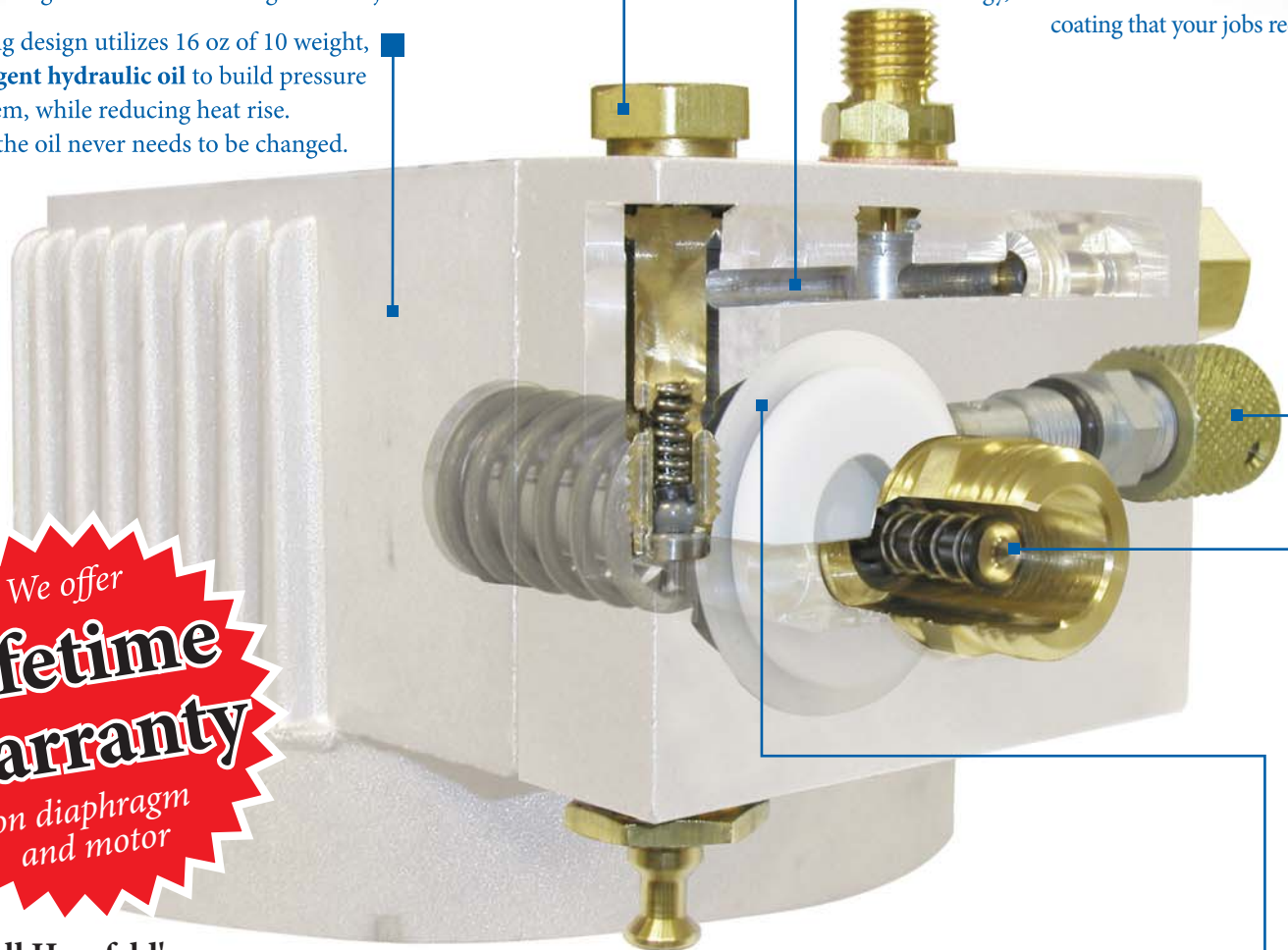
## ADVANCED DIAPHRAGM TECHNOLOGY

Advanced diaphragm technology utilizes the principle of protecting the piston from the abrasive effects of pressurized paint. The piston and pressure control are bathed in oil, ensuring constant lubrication, consistent pressure and zero wear on those parts. The block, which holds only paint, and the housing, which holds only oil, apply balanced pressure to the most robust diaphragm on the market, minimizing fatigue and delivering reliable performance.

Made of high-grade carbon, stainless and brass, the **outlet valve** has been specially designed to compensate for thicker coatings and less than perfect cleaning. Equipped with a push button for quick release after storage, this long life valve can be changed on the jobsite in seconds.

The housing design utilizes 16 oz of 10 weight, **non-detergent hydraulic oil** to build pressure in the system, while reducing heat rise. Normally, the oil never needs to be changed.

**Oversized paint passages** in the CH line of contractor sprayers reduce blockages from thick coatings and/or debris. Machined at the factory using advanced CNC technology, the block can handle virtually any coating that your jobs require.



*We offer*  
**Lifetime  
Warranty**  
*on diaphragm  
and motor*

### Campbell Hausfeld's ADVANCED DIAPHRAGM ADVANTAGES:

- Constant, consistent pressure
- Easy and inexpensive to maintain
- Lifetime warranty on diaphragm and motor
- Robust enough to handle the toughest conditions
- Wear parts that can be replaced on the jobsite

Equilibrium created between hydraulic oil and pressurized paint reduces the occurrence of diaphragm wear, giving us the confidence to offer a lifetime warranty on the **diaphragm**.

The patented **DAP inlet** is made of high-grade carbon to reduce wear. The unique geometry keeps the valve from sticking in high adhesion coatings. This revolutionary design allows maximum paint intake without being affected by ambient air temperature or heat rise from the spray rig. The simple, washer-free design can also be changed on the jobsite in seconds.

The CH mechanical method of oil flow control delivers **constant, consistent pressure**. This eliminates deadband without the use of complicated electronics.

*CH delivers features and performance you demand at a price you can afford*