



# SPECIFICATIONS

## Muscle™ Compressor Coalescer Separates Oil from Air Compressor Condensate

### Specifications

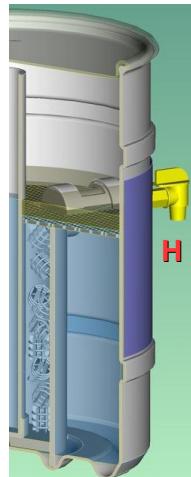
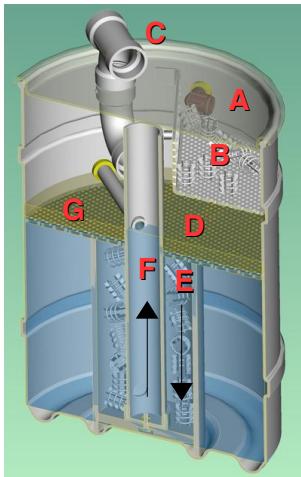
Model Number:	F16AC
Tank Material:	Polyethylene
Tank Capacity:	8 gallons (30 liters)
Tank Height:	20" (51cm)
Tank Diameter:	17" (43cm)
Tank Weight:	20 lbs. (9kg)
Tank Fittings:	Spin-welded
Temperature:	41-95°F (5-35°C)
Inlet Connection, max.:	1/2" (12.7mm)
Inlet Pressure, max.:	150 psi (10.3 barg)
Condensate, per release, max.:	1 gallon (3.78 liters)
Release Interval, min.:	5 minutes
Oil Volume Capacity, max.:	0.75 gallons (2.84 liters)
Outlet Connection:	1/2" (12.7mm)
Hoses:	Not included
Air Vent:	Automatic
Water Release:	Automatic
Oil Drain:	Manual
Drum Dolly:	#FXDD15, Sold separately
Dual Units:	Available with manifold when condensate output greater than capacity of one unit



- 1- Condensate Inlet
- 2- Clean Water Discharge
- 3- Waste Oil Discharge
- 4- Coalescing Media

### How It Works

- A. Condensate is injected
- B. Compressor discharge flows through diffusing chamber
- C. De-watered air automatically exits via vent
- D. Water and oils collect
- E. De-oiled water forced down and through media to remove trace oils, then through tube to exit
- F. De-oiled water automatic discharge
- G. Oil floats to surface
- H. Manual oil discharge



### Will it Work for You?

Contact Zebra today to determine if this system will meet your needs, providing effective treatment to dispense direct to the drain! Please provide us the following information:

1. Who is the compressor manufacturer and/or model number?
2. What is the HP or cfm of your compressor?
3. What is the average room temperature in the location of the compressor?
4. What is the average relative humidity in that location?
5. How many hours per day does it operate?
6. What is the appearance of the separated water portion (clear or more milky in nature?)

### Important Note

This system utilizes the method of gravity separation to separate oil from water. In some cases where there are specialized detergents in a compressor lubricant, a stable oil/water emulsion may remain, and will appear more milky in nature. These emulsions are generally safe to dispose of, however, each municipality will have their own limit based upon oil contaminant content, volumes generated, and their ability to treat it.

Please contact Zebra for more information regarding these emulsions. You may also check with your local municipality to determine contaminant levels and volumes allowed for direct release. In most areas, free testing services are available to determine possible contaminant levels and if they are safe to dispose of without further treatment.