

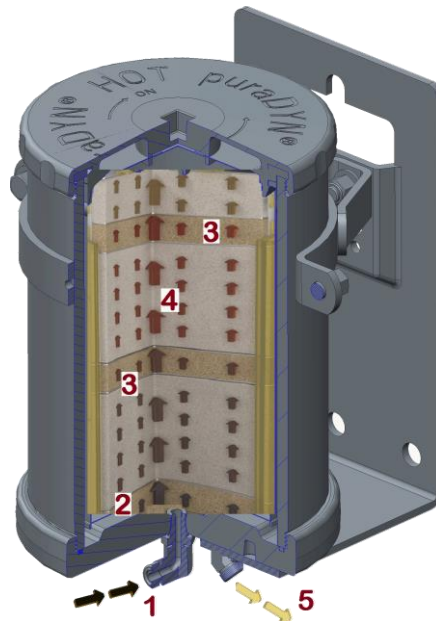
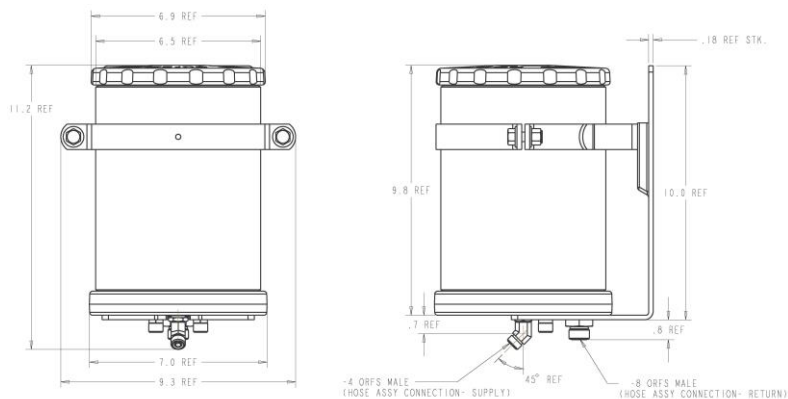
puraDYN M10



The M10 (previously MTS-24) is a multi-stage, highly efficient bypass oil filtration system for gasoline/diesel/SNG fuel operated engine applications with oil sump capacity of up to 10 gallons.

Working much the same way as a kidney dialysis machine, the puraDYN® System diverts a small amount of engine oil at a slow rate of flow. Leveraging a proprietary solution, the filter continuously and safely cleans lubricant of impurities, removes water, and replenishes key additives to keep oil like new.

Common contaminants :	Effects of Contamination
Engines:	
Solid particulate	Accelerated component failure
Water Particulate	Reduction in viscosity
Wear Metals	Shorter engine life, filter plugging



STEP 1. OIL ENTERS SYSTEM AT SLOW RATE OF 6-8 GPH / 22-30 LPH (ENGINE) AND INTO THE INNER DISPOSABLE ELEMENT WHERE THE FOLLOWING PROCESSES OCCUR:

STEP 2. WATER REMOVAL VIA POLYDRY TECHNOLOGY

STEP 3. OIL FLOWS THROUGH TIME-RELEASED ADDITIVE, REPLENISHING BASE ADDITIVE LEVELS IN ENGINE OIL.

STEP 4. OIL CONTINUES FILTERING THROUGH THE DISPOSABLE ELEMENT COMPRISED OF LONG-STRAND COTTON MEDIA TREATED WITH CGP, A PROCESS FOR CHEMICAL GRAFTING, AND THEN SLOWLY EXITS THE ELEMENT.

STEP 5. OIL IS GRAVITY-FED BACK TO ENGINE.

puraDYN filtration systems

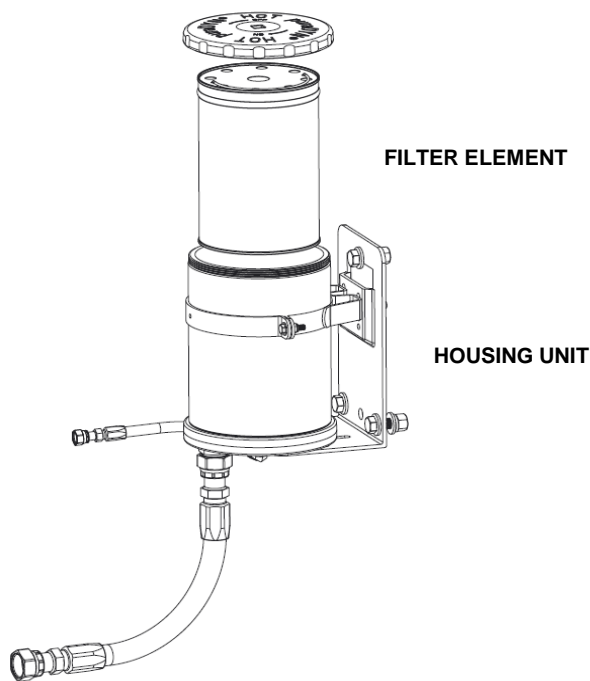
- Proudly manufactured in Boynton Beach, FL for over 30 years
- Will not void manufacturer's warranty
- Carries a \$5m per occurrence liability coverage
- Five-Year unlimited miles/hours warranty on unit



puradYN M10



Weight	
Unit w/Dry Filter	17.8 LBS / 8.1 KGS
Boxed	24.5 LBS / 11.1 KGS
Vertical Clearance Requirements	
	12 IN / 30 CM
Dimensions - Overall	
Height (H)	11 IN / 28 CM
Width (W)	9.3 IN / 24 CM
Depth (D)	8.6 IN / 22 CM
Capacity	
Max Lube Oil Sump Capacity	10 GAL / 38 L
Make-up Oil	0.68 GAL / 2.6 L
Particulate removal	0.9 LBS / 411 G
Water removal	10.8 OZ / 320 ML
Fluid Specs	
Pressure- Maximum Input	100 PSI / 690 kPa
Flow Rate Range Filtration (engine)	6-8 GPH / 22-30 LPH
Approximate Operating Temperature	220 °F / 104 °C



*All M10 model specifications are approximate and will vary with options

Specific M10 Applications:

Part Number:	Application	Example	Max Sump Capacity	Max psi / kPa**
01-A1M10X-KCD	Engine	Cat11 / CM2150 / DD60 / Scania DC9	25 gal / 94.64 L	100 psi / 690 kPa
01-A1M10X-K	Engine	C115	25 gal / 94.64 L	100 psi / 690 kPa
01-A1M10X-K	Generator	CAT 3306 / 3456	25 gal / 94.64 L	100 psi / 690 kPa

** Listed maximum "psi/ kPa" values based upon bypass filter systems with pressure reducing valve kit employed, as part of included kit materials.

This document is for informational purposes only and should not be the deciding factor when selecting a puradYN System. Severe applications and operating environments may require model size adjustment from that shown on the standard sizing chart above. Please contact your local distributor or Puradyn directly with questions about specifics for your application or environment.