

UM5rar

UM5: DEF Urea Engine Reservoir Auto-Refill

The UM5rar automatically refills on-board engine DEF tanks from DEF Urea Storage Tanks. The unit installs at the same level as the engine reservoir with a bottom connection. The fluid level in the sensing chamber equalizes to the engine level in the DEF reservoir. When the level drops to a pre-set point the UM5rar opens its inlet solenoid valve, and sends a pump request signal to allow DEF Urea flow to refill the reservoir. Includes an independent high level sensor for overflow protection



Dimensions	12"W x 36" H x 12"D (300W x 900H x 300D)
Flow Capacity	1-5 GPM based on Inlet Supply Pressure
Pressure Capacity	Standard 25 PSI Max. 100 PSI (690kPa)
Pump Type	Activates remote DEF Urea Transfer Pump
Inlet / Outlet (MNPT)	0.50 IN (12)
Weight (Estimate)	100 LB (45 KG)
Standard Accessories	Inlet Solenoid Valve Discharge Manual Leak Sensor Level Transmitter High Level Sensor Vent Cap
Construction	Welded SS Construction Containment Basin Standard Open Frame

Power	120-230 VAC, 1P, 50-60 Hz
Controller	C1 Controller
Output Relays (Dry Contact)	High Level Low Level Refill Active
Interface	Man-Off-Auto Select Power ON Light Fill Active Light Fill Alarm Light
Level Sensor Inputs	Level Transmitter High Level Sensor
Optional Accessories	Modbus SS Enclosures
How to Order	UM5-RAR.03 DEF Urea Reservoir Auto-Refill