

MODEL AD

Universal Autodual Compressor Controller High Efficiency Compressor Management System



Model AD

MODEL AD Standard Features:

- Timed Constant Speed/Start Stop Control
- 5-Second Automatic Initial Unloading Delay**
- Running Timer - Not Resettable
- Power On-Off Switch, Illuminated
- Pressure Adjustable from 70-200 psig
- 25 PSI Pressure Differential
- Liquid-filled, Stainless Steel Case Pressure Gauge, 0-300 psig
- 6'-115 or 230VAC Power Cord with Connection for Adaptation to Armored Cable
- 6'-115 or 230VAC Power Cord to Starter Solenoid with Armored Cable Connector
- 1/4" NPT Bottom Connection for Control Air In
- 1/4" NPT Connection for control air to compressor unloaders
- Plug-in Connections for All Options

** Please specify compressor type when ordering. We will eliminate the 5-second initial unload delay on rotary screw machines to prevent lubrication starvation on compressor startup unless otherwise notified.

US Patented, UL Listed

AD MODELS AVAILABLE	
AD115-25	AutoDual 115 Volt w/ 25psi Pressure Differential
AD230-25	AutoDual 230 Volt w/ 25psi Pressure Differential
OPTIONS AVAILABLE	
-TD	Timed Tank Drain - Blows the electric solenoid for 5, 10 or 20 seconds, (front panel selectable) for every hour of COMPRESSOR PUMPING TIME. Includes front panel mounted manual test button. Drain option supplied with 6' Power Cord & DIN connect 1/4" NPT 115/230V solenoid. Quick connect to controller.
-TDPS	With Pre-Strainer
-ES	Emergency Shutdown - Adaptable to normally closed (N/C) low oil pressure, low oil level or high air temperature. Quick connect to controller.
-LOP	Low Oil Pressure (LOP) Shutdown Switch - Used with Emergency Shutdown above. Activates Shutdown signal if oil pressure drops below 10 PSI.
-RS	Remote Signal for Emergency Shutdown - Sends remote shutdown signal (24VDC 40ma) to control room console, low voltage relay, etc.
-ADP	Adjustable Differential Pressure Switch - Adjustable pressure "deadband". Requires Control Repackaging in a 12" X 12" X 6" Nema 1 Enclosure.
-N4	NEMA 4 Enclosure - Standard AD-115/230 Unit sub packaged in watertight NEMA 4 housing with clear Lexan™ enclosure face.
-ML2	Manual Lead-Lag Control for 2 Compressors - Manual Lead/Lag selection between compressors. (2 Autoduals required)
-ALL	Automatic Lead-Lag Switching - Cycles 2 compressor systems to equally share plant air requirements. Alternates Lead Compressor function between 2 compressors. Lead/Lag delay is field adjustable between 10min - 7 Days. Includes manual override to "lock" either compressor in lead mode. (2 Autoduals required, 1 AutoDual repackaged in a 12 X 12 X 6 Nema 1 enclosure)
-ML3	Manual Lead-Lag Control for 3 Compressors - Manual Lead/Lag Selection between 3 compressors. (3 Autoduals required)

ADFeaturesOptions