

Automatic Electronic Drains



EAD



OPT

Technical Data on Pages 4-6

Part No.	Size (In)	Voltage	Pressure	
"EAD" TIMER CONTROLLED CONDENSATE DRAIN				
EAD-25	1/4	115	230	
EAD-25-230V	1/4	230		
EAD-33	3/8	115	230	
EAD-33-230V		230		
EAD-50	1/2	115	230	
EAD-50-230V		230		
"OPT" TIMER CONTROLLED CONDENSATE DRAIN				
OPT-25	1/4	115	230	
OPT-25-230V		230		
OPT-25-600		115	600	
OPT-25B-3600		115	230	3600
OPT-25B-3600-230V				
OPT-25-3600SS		115	230	3600
OPT-25-3600SS-230V				
OPT-25-5000SS		115	230	5000
OPT-25-5000SS-230V				
OPT-25-6000SS		115	230	6000
OPT-25-6000SS-230V				
OPT-33		3/8	115	230
OPT-33-230V	230			
OPT-50	1/2	115	600	
OPT-50-230V		230		
OPT-50-600		115	600	
OPT-50-600-230V		230		
OPT-50-1200		115	1200	

OPT-25B Denotes Brass Construction
OPT-25 with SS Suffix Denotes Stainless Steel Construction

Drains and Strainers Can Not Be Combined for Maximum Discount Level

Effective 03-16-09 R1 09-01-11

Automatic Electronic Drains



DCD



TEC-11

Technical Data on Pages 4-6

Part No.	Size (In)	Voltage	Pressure
"DCD" COMBO D LUX TIMER CONTROLLED CONDENSATE DRAIN			
DCD-2550	1/4 F, 1/2 M	115	300
			450
		230	500
"TEC-11" TIMER CONTROLLED CONDENSATE DRAIN			
TEC-1112	1/8	115	230
"TEC-44" MOTORIZED BALL VALVE			
TEC-4450	1/2	115	720
TEC-4475	3/4		
TEC-4410	1		
"SG" SMART GUARD PRO ZERO DRAIN LOSS			
SG-50	1/2	115	230

Drains and Strainers Can Not Be Combined for Maximum Discount Level



TEC-44



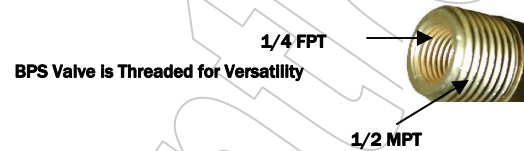
SG

Automatic Electronic Drains

STRAINERS	
Part No.	Size (In)
Standard Version Brass	
	Inlet/Outlet
BPS-5025	1/2 x 1/4
BPS-5033	1/2 x 3/8
BPS-5050	1/2 x 1/2
Compact Version Chrome Plates	
BPSC-5025	1/2 x 1/4
BPSC-5033	1/2 x 3/8
BPSC-5050	1/2 x 1/2



'BPS' Ball Valve Strainer Combo
Can be Used on All Timer Controlled Condensate
Drains Which Allows the Service Engineer to
Shut Down Areas of the Compressed Air System
Without Having to Depressurized the
Entire System

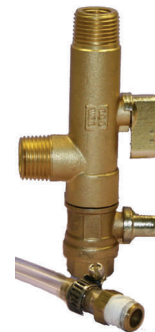


Self Cleaning Drain

Reduces Installation and Maintenance Time



- Up Grade Your Existing Drain To a Self Cleaning Drain
- If the Existing Drain Does Not Utilize the BPS (Ball Valve Strainer) Order the BABC Series for a Complete Upgrade
- If the Existing Drain Already Utilizes the BPS (Ball Valve Strainer) Order the MVBS-25



BABC

With the Self Clean Feature It is No Longer Necessary to Isolate the Drain From the Compressed Air Source to Clean the BPS Inlet Screen. The Self Cleaning Features Includes An Additional Lever/ Isolation Valve Which Is Typically In the Closed Position. Periodically the Lever Should Be Opened For a Few Seconds to Allow Compressed Air From the Receiver to Blow By the BPS Screen Pushing the Debris Out From the Screen.

DRAIN ACCESSORIES		
Part No.	Size (In)	Description
BABC-5025DK	1/4	BPS Strainer with Self Cleaning Valve and Drain Hose Kit
BABC-5033DK	3/8	
BABC-5050DK	1/2	
MVBS-25DK	1/4	Self Cleaning Valve and Drain Hose Kit (Upgrades Existing BPS Strainer)
DHAK-2525		Replacement 3 Ft Hose Kit
DHAK-SPEC		Additional Hose Per 1 Ft Length



MVBS

Drains and Strainers Can Not Be Combined for Maximum Discount Level

Features	EAD	OPT	DCD	TEC-11	TEC-44	SG
Voltage **	115 VAC	115 VAC	115 VAC	115 VAC	115 VAC	115 VAC
Maximum Pressure***	230 PSI	230 PSI (Std) Optional 600,1200,1500, 3600,5000, 6000 PSI	300 PSI (Std) Optional 450 PSI 115V 500 PSI 230V	230 PSI	720 PSI	230 PSI
Voltage Tolerance	± 10 ±					
Inlet & Outlet Size	1/4" 3/8" 1/2" Female NPT Connection	1/4" 3/8" 1/2" Female NPT Connection	Inlet: 1/4" Female & 1/2" Male (Dual Inlet) Outlet: 1/2"	1/8" NPT Female	1/2", 3/4" 1"NPT Female Connection	Inlet (Top & Bottom): 1/2" NPT Female Outlet: 1/2 NPT Female (if Hose Barb is Removed)
Solid State Timer	Yes				N/A	
Interval Time	.05 - 45 Minutes (Adjustable)	.05 - 45 Minutes (Adjustable)	Mille - Seconds to 99 Hours (Adjustable)	1 - 120 Minutes (Adjustable)	4 Minutes to 24 Hours Programmable	Drain Opens When Condensation is Present
Discharge Time	0.5 - 10 Seconds (Adjustable)	0.5 - 10 Seconds (Adjustable)	3 Mille Seconds to 99 Hours (Adjustable)	2 Seconds Fixed	7.5 Seconds to 15 Minutes Programmable	N/A
Manual Test Switch	Yes (Micro Switch)		Yes	Yes (Micro Switch)	Yes	
Current Consumption	4mA Maximum		13 Watts	4mA Maximum	22 Watts	
Operating Temperature	40° F to 140° F		34° F to 130° F	40F° to 140° F	35° F to 140° F	35° F to 130° F
Environmental Protection	IP 65 Nema 4					
Lights	Yellow LED On - Off		LED - Signals Valve is Open & Programmed Time	Yellow LED On	LED to Indicate Valve Open LCD Indicating Program Number	LED - On
Min/Max Ambient Temperature	35° F - 130° F					
Media Temperature (Max))	190° F		32° F - 130° F	190° F	32° F - 140° F	35° F - 122° F
Housing	ABS Fire Resistant		Valve Housing Brass Timer Housing ABS (Fire Resistant)	ABS Fire Resistant		Die Cast Aluminum Brushed Head Polyamide Fiberglass Reinforce Fire Retardant Stainless Steel Internals
Valve Body	Forge Brass Orifice 4mm	Forge Brass Orifice 4.5mm	Brass w/Viton (FPM) Seals Orifice 4mm	Forged Brass	Nickel Plated Brass W/Stainless Steel Ball	Polymide
Insulation	Grade H Coil		Grade H DIN Connection Form A	Grade H Coil	N/A	N/A
Type	2/2 Way Direct Acting		Direct Acting	2/2 Way Direct Acting	Motorized Ball Valve	Direct Acting
Mounting Position	Any					No
Power Cord	6' Ft					
Strainer Required	Yes	Not Applicable	Included	Yes		
Warranty	1 Year	2 Year	1 Year			
Application	General Purpose Aftercoolers, Dryers, Filters Pressure Vessels and Piping		All Compressed Air System Components Regardless of Size or Capacity		Deliquescent Dryers, Tanks Vessels & Refrigerated Dryers	Refrigerate Dryers Air Filters

Effective 03-16-09 R1 09-01-11

4

****Optional Voltages Available**

EAD/TEC-11	24 to 240 VAC/DC ± 10% 50/60Hz	SG	230 VAC
TEC-44	12 to 240 VAC/DC ± 10% 50/60Hz	DCD	12VAC/VDC, 24 VAC/VCD
OPT	12 to 380 VAC/DC ± 10% 50/60Hz		115 VAC 450 PSI 230 VAC 500 PSI

Automatic Electronic Drains

"EAD" TIMER CONTROLLED CONDENSATE DRAIN



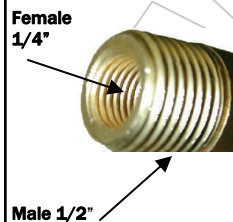
- Application : General Purpose
Designed for All Compressed Air System Components (Aftercoolers, Dryers, Filters, Pressure Vessels and Piping) Regardless of Size or Capacity
- Construction: Forge Brass Body, 4mm Orifice
Standard Voltage: 115 VAC, Optional Voltages: 24 to 240 VAC/DC \pm 10% 50/60Hz
- Maximum Pressure: 230 PSI
- Operating Temperature: 40° F to 140° F
- Connection: 1/4", 3/8", 1/2" (Female NPT)
- Insulation: Grade H Coil for Superior Resistance to Higher Temperatures Promoting Longer Life
- Interval & Discharge Timers Are Adjustable
- FPM Seals Ideal for Systems that Use Synthetic Lubricants
- Includes 6 Ft Power Cord
- 1 Year Manufacturers Warranty

"OPT" TIMER CONTROLLED CONDENSATE DRAIN



- Application: General Purpose
Designed for All Compressed Air System Components (Aftercoolers, Dryers, Filters, Pressure Vessels and Piping) Regardless of Size or Capacity
- Construction: Forged Brass Body, 4.5 mm Orifice
- Standard Voltage: 115 VAC, Optional Voltages : 12 to 380 VAC/DC \pm 10% 50/60Hz
- Maximum Pressure: 230 PSI, Optional Pressures: 600,1200,1500,3600,5000 & 6000 PSI
- Operating Temperature: 40° F to 140° F
- Connection: 1/4", 3/8", 1/2" (Female NPT)
- Insulation: Grade H Coil for Superior Resistance to Higher Temperatures Promoting Longer Life
- Interval & Discharge Timers Are Adjustable
- Solid State Timer Coupled to a Solenoid Valve
- Large Discharge Orifice Eliminates the Need for a Strainer
- Includes 6 Ft Power Cord

"DCD" COMBO D LUX TIMER CONTROLLED CONDENSATE DRAIN WITH STRAINER



- Application General Purpose
Designed for All Compressed Air System Components Aftercoolers, Dryers, Filters, Pressure Vessels and Piping Regardless of Size or Capacity
- Construction: Brass Valve Housing, Timer Housing ABS (Fire Resistant) Viton (FPM) Valve Seals and Stainless Steel Inner Moving Valve Parts
- Voltage: 115 VAC, Optional Voltages: 12VAC/VDC, 24VAC/VDC, 115 VAC 450 PSI, 230 VAC 500 PSI
- Maximum Pressure: 300 PSI, Optional Pressures: 450 PSI (115VAC) 500 PSI (230 VAC)
- Operating Temperature: 34° F to 130° F
- Connection: 1/4" Female & 1/2" Male (Dual Inlet) Outlet: 1/2" Hose Barb
- Insulation: Grade H Coil for Superior Resistance to Higher Temperatures Promoting Longer Life
- All in One Timer Drain, Programmable Up to 99 Hours
- Drain Can be Shut Off from the Compressed Air System Enabling Safe & Easy Maintenance
- All in One Digital Timer Drain with Integrated Dual Inlet Ball Valve & Strainer
Reduces Installation Time and Protects Against Large Particles Found in Condensate
- Large Discharge Capacity Max. 250 Gal/HR
- Includes 6 Ft Power Cord
- 1 Year Manufacturers Warranty

Automatic Electronic Drains

"TEC-11" TIMER CONTROLLED CONDENSATE DRAIN FOR FILTER BOWL APPLICATIONS



- Applications : Designed for All Compressor Air Filters, Regardless of Capacity or Size
- Construction: Forged Brass Valve Body Solid State Timer Coupled to a Solenoid Valve
- Voltage: 115 VAC , Optional Voltages: 24 to 240 VAC/DC \pm 10% 50/60Hz
- Maximum Pressure: 230 PSI
- Operating Temperature: 40 ° F to 140 ° F
- Connection: 1/8" (Female NPT)
- Insulation: Grade H Coil for Superior Resistance to Higher Temperatures Promoting Longer Life
- Interval Timer Is Adjustable
- Includes 6 Ft. Power Cord
- 1 Year Manufacturers Warranty

"TEC-44" MOTORIZED BALL VALVE



- Application: Deliquescent Dryers, Tanks, Vessels & Refrigerated Air Dryers
- Construction: Nickel Plated Brass Valve with Stainless Steel Ball
- Voltage: 115 VAC , Optional Voltages: 12 TO 240 VAC/DC \pm 10% 50/60 Hz
- Maximum Pressure: 720 PSI
- Operating Temperature: 35 ° F to 140 ° F
- Connection: 1/2", 3/4," 1"(NPT Female)
- Features Microprocessor Technology, 10 Channel Programmable Cycle With LCD Valve Open, LED Push to Test Button
- Designed to Remove High Viscosity Effluents at Pressure Rating Up to 720 PSI
- Battery Back Up for Protection Against Power Failure
- Anti Blockage System
- Includes 6 Ft Power Cord
- 1 Year Manufacturers Warranty

"SG" SMART GUARD PRO 'SG' ZERO LOSS DRAIN



- Construction: Die Cast Brushed Aluminum Head, Polyamide Fiber Glass Reinforce Fire Retardant Body, Stainless Steel Internal Valve Parts
- Voltage: 115 VAC, Optional Voltage: 230 VAC
- Maximum Pressure: 230 PSI
- Operating Temperature: 35 ° F to 140 ° F
- Connection: Inlet & Outlet (Top to Bottom) 1/2 FNPT Discharge; Outlet Connection 1/2 FNPT If Hose Barb is Removed
- State of the Art Software in Combination with a Special Transducer to Interface to Measure the Presence of Condensate Volumetrically 50 Timers per Second
- No Loss of Compressed Air
- Continuous Monitoring Insures Fast Effective Discharge of Up to 60 Gallons of Condensate per Hour
- Can Be Use with Clear Water or Heavily Emulsified & Dirty Condensate
- Maximum Compressor Capacity 85m³/min (3000 cfm)
- Includes 6 Ft Power Cord
- 1 Year Manufactures Warranty