

# Humphrey Electric Air Valves

## Order Information

**250/500/501/590 Series**  
**1/4-, 1/2-, and 3/4-inch ports, 2-way, 3-way, 4-way**

### VALVES

Option Code	2 Way	3 Way	Norm. Closed	Norm. Open	w/Out Mount. Base	With Mount. Base	Grommet Leads (18")	Conduit Leads (18")	DIN Connector	Grom./Conduit Leads (72")	Cover Seal	Viton Seals	Brass Body	Bottom Inlet (NC Only)	Specify Voltage with option code				12VDC 24VDC	
															120V 50/60, 240/50/60 (ID not available on E1)		24V 50/60 w/"Flywheel" Rectifiers for CD			
Model																				Spec. Volt.
250E1	SP	N/C	N/C	N/C	N/C	SP	N/C	N/C	SP	SP	SP	SP	SP	SP	STD	NA	SP	NA	N/C	
250AE1	SP	N/C	N/C	N/C	N/C	SP	NA	STD	SP	SP	NA	SP	SP	SP	STD	NA	SP	NA	N/C	
250E2	SP	N/C	NA	NA	N/C	SP	NA	STD	SP	SP	SP	SP	SP	SP	SP	STD	SP	SP	N/C	
250AE2	SP	N/C	NA	NA	N/C	SP	NA	STD	SP	SP	NA	SP	SP	SP	SP	STD	SP	SP	N/C	
250-4E1	NA	NA	NA	NA	N/C	SP	NA	STD	SP	SP	NA	SP	NA	NA	STD	NA	SP	NA	N/C	
250-4E1 NC NC	NA	NA	NA	NA	N/C	SP	NA	STD	SP	SP	NA	SP	NA	NA	STD	NA	SP	NA	N/C	
250-4E1 NO NO	NA	NA	NA	NA	N/C	SP	NA	STD	SP	SP	NA	SP	NA	NA	STD	NA	SP	NA	N/C	
250-4E2	NA	NA	NA	NA	N/C	SP	NA	STD	SP	SP	NA	SP	NA	NA	STD	NA	SP	NA	N/C	
500E1	SP	N/C	N/C	N/C	NA	STD	N/C	N/C	SP	SP	SP	SP	STD	NA	STD	NA	SP	NA	N/C	
500AE1	SP	N/C	N/C	N/C	NA	STD	NA	STD	SP	SP	NA	SP	STD	NA	STD	NA	SP	NA	N/C	
500E2	SP	N/C	NA	NA	NA	STD	NA	STD	SP	SP	SP	SP	STD	NA	SP	STD	SP	SP	N/C	
500AE2	SP	N/C	NA	NA	NA	STD	NA	STD	SP	SP	NA	SP	STD	NA	SP	STD	SP	SP	N/C	
590E1	SP	N/C	N/C	N/C	NA	STD	N/C	N/C	SP	SP	SP	SP	SP	NA	STD	NA	SP	NA	N/C	
590AE1	SP	N/C	N/C	N/C	NA	STD	NA	STD	SP	SP	NA	SP	SP	NA	STD	NA	SP	NA	N/C	
590E2	SP	N/C	NA	NA	NA	STD	NA	STD	SP	SP	SP	SP	SP	NA	SP	STD	SP	SP	N/C	
590AE2	SP	N/C	NA	NA	NA	STD	NA	STD	SP	SP	NA	SP	SP	NA	SP	STD	SP	SP	N/C	
501E1	SP	N/C	N/C	N/C	N/C	SP	N/C	N/C	SP	SP	SP	SP	NA	NA	STD	NA	SP	NA	N/C	
501E2	SP	N/C	NA	NA	N/C	SP	NA	STD	SP	SP	SP	SP	NA	NA	SP	STD	SP	SP	N/C	
501-4E1	NA	NA	NA	NA	NA	STD	N/C	N/C	SP	SP	SP	SP	NA	NA	STD	NA	SP	NA	N/C	
501-4E2	NA	NA	NA	NA	NA	STD	NA	STD	SP	SP	SP	SP	NA	NA	SP	STD	SP	SP	N/C	

CD=Continuous Duty; ID=Intermittent Duty.

Note: Code 39 not available on E2 models with continuous duty coils (Code CD).

### ACCESSORIES

Model	Description
HS4	DIN Connector for use with Code 39 Valves.

### HOW TO ORDER

Starting with Model Number specify options in order from left to right.

Example: To Order Model 250E1-3-10-21-36 12VDC

3-Way Operation, Single Solenoid (250E1-3)  
 Normally Closed (250E1-3-10)  
 With Mounting Base (250E1-3-10-21)  
 Conduit Leads (18") (250E1-3-10-21-36)  
 Voltage 12VDC (250E1-3-10-21-36 12VDC)

Remember: Option Codes marked STD and NA are not used as part of the Model Number when ordering. N/C indicates no charge but Option Code must be included in the Model Number. OS indicates that Option must be ordered separately and is not used as part of the Model Number.

N/C=No charge  
 NA =Not available  
 OS =Order separately, additional charge for this option  
 STD=Standard  
 SP=Specify, additional charge for this option