BAC DECODER

WARREN CONTROLS

CONTROL VALVE DESIGNATIONS

TYPE	STYLE	DEFINITION	FURTHER QUALIFICATION
20	Two way single seat	Unbalanced	Stem "in" to close (norm open)
22	Two way double seat	Balanced	Stem "in" to close (norm open)
23	Two way single seat	Cylinder balanced	Stem "in" to close (norm open)
28	Two way	"Low Flow"series	Stem "in" to close 2800 only
30	Three way	Mix only	Side "Common" 2800, 2900 series
32	Three way	Divert or Mix *	Bottom "Common" 2800, 2900 series
40	Two way single seat	Unbalanced	Stem "in" to close
43	Two way single seat	Cage balanced	Stem "in" to close
48	Two way single seat	"Low Flow" series	Stem in to close Flanged 5800
50	Three way	Mix only *	Side "Common" 1800 series
52	Three way	Divert only *	Bottom "Common" 1800 series
70	Two way single seat	Unbalanced	Stem out(up)to close (norm closed)
72	Double seat	Balanced	Stem out(up)to close (norm closed)
73	Two way single seat	Cylinder balanced	Stem out(up)to close (norm closed)

* There can be situations, with sufficient information to satisfy, where these might be reversed. Consult Factory

BAC SERIES

Number Chain:VA 123456- X789 Example: VA2311CC-D002 Note: VA = Valve Assembly
VA digits 1 and 2 = "type" (as above left column) 3 & 4 = size; 5 = Material and Rating; 6 = Trim
Final chain " X" = Actuator "D" for Diaphragm / "E" for Electronic; followed by 7,8,9 for specific version; fail safe mode; size; spring range; speed; and/or accessory;

SIZE;IN INCHES

04 = ½"
05 = ¾"
06 = 1"
07 = 1 ¼"
08 = 1 ½"
09 = 2"
10 = 2 ½"
11 = 3"
13 = 4"
14 = 5"
15 = 6"
17 = 8"
19 = 10"

MATERIAL AND RATING ANSI TRIM (PLUG AND SEAT)

A = 250# threaded bronze
B = 250# threaded iron
C = 125# flanged iron
D = 250# flanged iron
E = 300# threaded CF8M (SS)

A = Bronze
C = Stainless Steel
D = SS larger bonnet (115 actuator)

Note: "Designations" (above) apply to BOTH Industrial and BAC (HVAC) series valves.
*For Industrial valves this becomes part of a 26 - 28 (model number+ letter) "chain"
*For BAC valves, a condensed number / letter combo of 11 units is used for selection due to fewer combinations

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