

VAV SERIES HIGH CYCLE VALVE MASTER CHART

* FILL IN PROPER DESIGNATIONS TO DETERMINE PRODUCT NUMBER:

V A V - 0 - 0 0 0

PIPE SIZE (B thru K std)	
B = 3/4" (20mm)	G = 2" (50mm - VAV6)
C = 1" (25mm)	H = 2-1/2" (63mm)
D = 1-1/4" (32mm)	J = 3" (75 or 80mm)
E = 1-1/2" (40mm)	K = 4" (100mm)
F = 2" (50mm - V425)	

BODY SIZE (ref only)	
1 = 1"	7 = 3"
4 = 1-1/2"	8 = 4"
5 = 2"	
6 = 2-1/2"	

END CONNECTIONS (0 std [Connections also apply to body & cap bosses that are drilled & tapped])	
0 = Female N.P.T.	3 = Flanged, A.S.T.M.
1 = Female B.S.P.T. (Tapered)	4 = Flanged, B.S.P.T.

BODY & CAP MATERIAL (0 std)	
0 = Cast Iron	

VALVE OPTIONS (00 std)		
00 = NO	02 = NO, SAC	32 = NC, SAC
01 = NO, SAO	30 = NC	SX = Special Valve **

SEAL MATERIALS (9 std)					
OPT.	OPERATING DIAPHRAGM	SEALING DISK	DYNAMIC SEALS	STATIC SEALS	KIT SERIES
8	Fluoroelast.	Teflon	Aflas	Fluoroelast.	RAHT
9	Buna-N	Hycar	Aflas	Fluoroelast.	RA
A	Fluoroelast.	Aflas	Aflas	Fluoroelast.	RAVJA

INTERNAL PARTS (0 std)	
0 = Brass and Stainless Steel	

DRILL & TAP BOSSES (0 std [1/4" NPT std for all sizes])			
0 = None	3 = Boss #3	6 = Bosses #1,2	
1 = Boss #1	4 = Boss #4	7 = Bosses #1,3	
2 = Boss #2	5 = Bosses #1,2,3,4	8 = Bosses #2,4	

00 (unless Special Drawing number is assigned)
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* To create a valve number replace each "_" with the proper number or letter for the feature you desire. For example, a 3/4" NPT Cast Iron Valve Model VAV1 with Normally Closed and Spring Assist Closed Options is designated as a VAVB-0032-90000.

** A special valve will have a custom drawing number (_ _ _ _ _) and the item number format is (VAV?-??SX- _ _ _ _ _) where the last 5 numbers (Far Right) are the last five digits of the drawing number.

REV.	ECO. NO.	DESCRIPTION	BY/DATE
E	21190	Reviewed for Pentair ECN Release	JJJ 17-Nov-09

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