



**DIMENSIONS
CERTIFIED CORRECT**

ADG 17 1956

FISHER GOVERNOR CO.

J. E. Hall

**FILTERED WATER
OUTLET (BLEND
SYSTEM)**

SIZE	A			B			G	D
	SCRD	125 FF	250 RF	SCRD	125 FF	250 RF		
1/2	5 1/2		7 1/2	2 1/16		3 3/4	3 1/4	2 7/8
3/4	5 1/2	7 3/8	7 5/8	2 1/16	3 1/16	3 13/16	3 1/4	2 7/8
1	6	7 1/4	7 3/4	2 1/16	3 5/8	3 7/8	4	3 5/8
1 1/4	6	7 7/8	8 3/8	2 1/16	3 15/16	4 3/16	4	3 5/8
1 1/2	7 3/4	8 3/4	9 1/4	3 3/4	4 3/8	4 5/8	4 7/8	4 3/8
2	9 1/8	10	10 1/2	3 7/8	4 7/8	5 1/8	5 3/8	5
2 1/2		10 7/8	11 1/2		5 1/16	5 3/8	6 3/8	5 1/2
3		11 3/4	12 1/2		5 3/8	5 3/4	7	6 1/8
4		13 7/8	14 1/2		6 3/16	6 1/2	8 3/4	7 7/8
5		15 7/8	16 3/4		7	7 7/16	9 1/8	8 3/8
6		17 3/4	18 5/8		8 1/8	8 9/16	9 5/8	8 7/8
8		21 3/8	22 3/8		9 5/8	10 1/8	12 7/8	12 1/8
10		26 1/2	27 7/8		11 1/8	11 13/16	15 5/8	14 5/8
12		29	30 1/2		12	12 3/4	16	15 1/8

ABBREVIATIONS USED ABOVE: SCRD - SCREWED ENDS FF - FLAT FACE
RF - RAISED FACE

FLANGE SPECIFICATION REFERENCE: 125 LB-ASA B16.1-1948, 250 LB-ASA B16b-1944

TOPWORK

SIZE	E	E*	L	M	N	H	K
1/2-1/4	7				4		
1/2-2 1/2	5 3/4	8 1/4			2 7/16	3/4	1/2
3-5	5 3/4	6 1/8	6 1/4	5 7/16			
6-8	6 1/8	6 1/8			3 1/16		
10-12	5 1/2	5 7/8					

E* DIMENSION WHEN LARGE DIAPHRAGM BOSS IS USED
H&K NATIONAL PIPE THD.

TYPE NO.
790-
790R

INCREASING CONTROL PRESSURE
OPENS INNER VALVE
CLOSES OUTER VALVE

DIAPHRAGM CASING

CASING SIZE	J	CASING SIZE	J
B	8 7/8	G	16 13/16
C	9 1/16	H	19 1/8
D	10 13/16	K	22 7/8
E	12 3/4	M	27
F	14 1/8	N	32 7/8

PURCHASER Cochrane Corp.
PURCHASE ORDER NO. P-28701
JOB NO. _____
REQN NO. _____
B/M NO. _____
ITEM NO. _____
TAG _____
Ives 16664

TITLE PRESSURE BALANCED REGULATOR		TYPE 790-790R
BY TJ	DATE 11-2-50	DESIGN NO.
CHKD CHD	DATE 11-3-50	DRAWER NO.
DATE	CHKD	APPR
REVISIONS	SCALE	FILE NO.
FISHER GOVERNOR CO. MARSHALLTOWN, IOWA		DWG. NO. CDI 251

3202 56

OCT 31 1956

CERTIFIED CONSTRUCTION DRAWING
FOR YOUR ORDER NUMBER

S. J. Housman Jr.

COCHRANE CORPORATION
PHILADELPHIA, PA.