

REVISIONS			
Rev.	Modification	Date	Done By
A	Corrected Views, Notes and Part numbers	3/8/2019	NPH
B	Updated notes	12/16/2020	NPH

Dimension "B"	
Flange Size	Length
1/2"	3-21/32"
3/4"	3-23/32"
1"	3-25/32"
1-1/2"	3-29/32"
2"	3-31/32"

BILL OF MATERIALS CHOOSE ONE			
No.	Name of Part	Qty.	Material
011	Wetted Valve Body		Zinc Pl. Steel OR 316SS
012A	Top Tail Pipe	1	Zinc Pl. Steel OR 316SS
012B	Bottom Tail Pipe/Flange	1	Zinc Pl. Steel OR 316SS
014	Ball Check Retainer	1	15-7SS
015	Ball Check	1	316SS
017	Stem	1	316SS
018	Stem Packing Retainer	1	316SS
025	Stem Packing	1	PTFE
034	Sight Tube O-Ring	2	Viton® / FEP Encapsulated Silicone / Buna-N / EPDM
039	Union O-ring	1	Buna-N / EPDM
048	Sight Glass/Tube	Var.	Borosilicate / FEP / PVC / Lexan®
129	1/2" Bottom Plug	1	Zinc Pl. Steel OR 316SS
130	1/4" Side Plug	1	Zinc Pl. Steel OR 316SS
009	Shield	1	Lexan (Inquire for Scale Printing)
013	Union Nut	1	Zinc Pl. Steel OR 304SS
026	Stem Packing Nut	1	Zinc Pl. Steel OR 303SS
028	Handwheel	1	Cast Zinc
035	Retaining Plate	1	316SS
100	Handwheel Screw	1	18-8SS
090	Vent Cap	1	Polyethylene
101	3 Sided Frame		Zinc Pl. Steel OR 304SS
131	Bumper Ring	Var.	Buna-N
137A	Retainer Studs	2	18-8SS
137B	Tail Pipe Set Screw	1	18-8SS
163	Name Plate	1	Aluminum

- Notes:**
1. Rated for **FULL** Vacuum Service
 2. Addition of Splicers reduces visibility ~1" per splicer
 3. Each Floating Union Tailpipe (012B), allows for ±1/4" variance for misaligned process connection centerlines
 4. Due to Glass Seating, gauge cannot be flipped for desired orientation.
- Please inquire for orientation requirements

J14F Series Configuration Choices:
 Reference the Series J14F Model Number Matrix on our Website or Inquire with our Sales Team

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JOHN C ERNST LLC.		www.JOHNERNST.com 21 Gail Ct. Sparta, N.J. USA	
Sheet: 1 of 1	Drawn By: WAS	Tolerances, unless otherwise noted Dec.: ± Frac.: ± Ang.: ±	
Scale: NTS	Approved By: JCW	Size: A	
Dim.: Inches	Date: 12-APR-17	Dwg. No.: SC2.0J14F.01.0.0	
		Rev.: B	

