



SUBMITTAL DATA

Date: March 26, 2025
Project: CMAID
Contractor: Comfort Systems
Engineer: Clarks Enersen

PUMPS & HYDRONIC ACCESSORIES

Qty of one (1) Pump tagged: HRP-1

Qty of one (1) 3" x 2" Suction Diffuser

Qty of one (1) 3" Triple Duty Valve

Qty of two (2) 3" Flexible Pump Connectors

Qty of one (1) Chemical Feed Unit tagged: CF-1

Qty of one (1) High Efficiency 3" Air/Dirt Eliminator tagged: AS-1

Qty of one (1) Expansion Tank tagged: ET-1

Qty of one (1) Glycol Feed System tagged: GF-1

6815 Dewaffelbaker Dr., Maumelle, AR 72113

Phone (501) 663-8886 • Fax (501) 663-8738

www.fluidsolutionsinc.com

JOB: CAMID

REPRESENTATIVE: Fluid Solutions

UNIT TAG: HRP-1

ORDER NO.

DATE: 3/26/25

ENGINEER: Clarks Enersen

SUBMITTED BY:

DATE:

CONTRACTOR: Comfort Systems USA

APPROVED BY:

DATE:



2AAC

Series e-90

Centrifugal Pumps
In-Line Mounted - Close Coupled

SPECIFICATIONS

FLOW 90 HEAD 85
HP 5 RPM 3500
VOLTS 208/3
CYCLE _____ PHASE _____
ENCLOSURE _____
APPROX. WEIGHT _____
SPECIALS _____

MATERIALS OF CONSTRUCTION

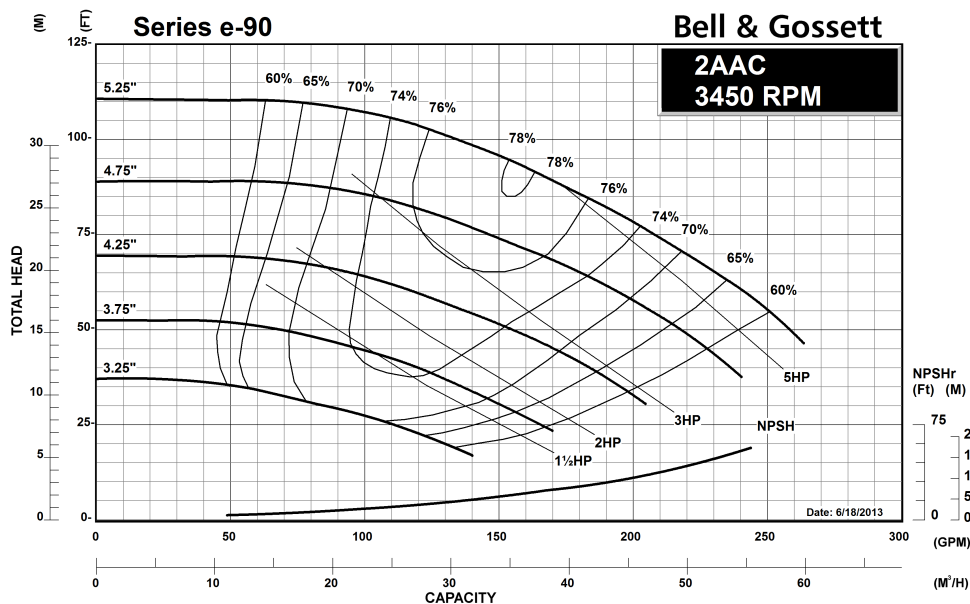
☒ BRONZE FITTED ☐ ALL BRONZE

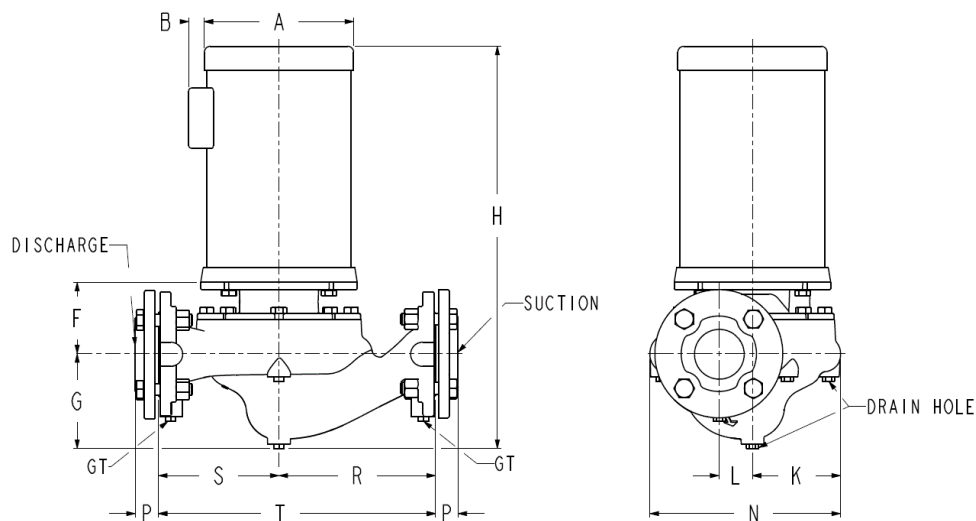
MAXIMUM WORKING PRESSURE

☐ 175 psi (12 bar) W.P.

TYPE OF SEAL

- ☒ Standard Seal
EPR/Carbon/Silicon Carbide
-10 to 250°F (-23 to 121°C)
- ☐ Optional Seal
Viton/Carbon/Silicon Carbide
-10 to 225°F (-23 to 107°C)
- ☐ Optional Seal
EPR/Graphite loaded Silicon Carbide on
Graphite loaded Silicon Carbide
-10 to 250°F (-23 to 121°C)





PUMP SIZE	SUCTION AND DISCHARGE SIZE - INCHES NPT	PUMP DIMENSIONS IN INCHES (MM)								
		F	G	K	L	N	P	R	S	T
2 AAC	2	3 (76)	4-7/16 (111)	3-3/4 (95)	1-3/8 (35)	8 (203)	13/16 (21)	5 (127)	6-1/2 (165)	11-1/2 (292)

Maximum working pressure 175psi (12bar)

GT=Gauge Tap 1/8" NPT

DIMENSIONS - Inches (mm)

MOTOR HP			A MAX.	B	H MAX.
1725	3450	PHASE			
1/4		1	7-1/2 (190)	1-1/2 (38)	16-1/2 (419)
1/3		1	7-1/2 (190)	1-1/2 (38)	16-1/2 (419)
1/2		1	7-1/2 (190)	1-1/2 (38)	16-1/2 (419)
1/2		3	7-1/2 (190)		16 (406)
3/4		1	7-1/2 (190)	1-1/2 (38)	17-1/2 (444)
3/4		3	7-1/2 (190)		17 (432)
1		1	7-1/2 (190)	1-1/2 (38)	18-1/4 (464)
1		3	7-1/2 (190)		17 (432)
1-1/2		1	7-1/2 (190)	1-1/2 (38)	18-1/4 (464)
1-1/2		3	7-1/2 (190)		17-3/4 (451)
	2	1	7-1/2 (190)	1-1/2 (38)	18-1/4 (464)
	2	3	7-1/2 (190)		18-1/4 (464)
	3	1	7-1/2 (190)	1-1/2 (38)	18-3/4 (476)
	3	3	7-1/2 (190)		18-3/4 (476)
	5	3	7-1/2 (190)		21-13/16 (551)

Dimensions are subject to change. Not to be used for construction purposes unless certified.

Companion Flanges furnished for Suction and Discharge.

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xylem
 Let's Solve Water

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