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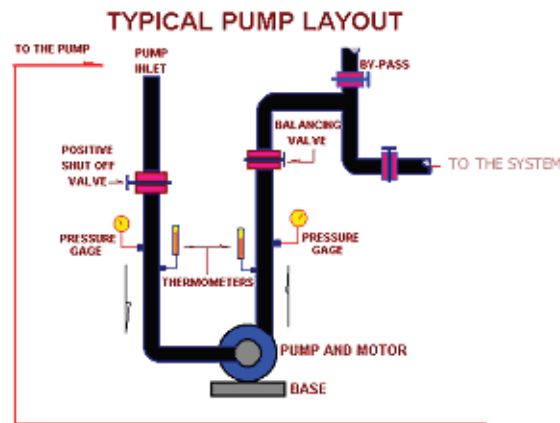
### PUMP DATA

MANUFACTURER= PATTERSON

MODEL= E25F9A-1

PUMP NUMBER= 34-GWP-1

SYSTEM = GEO



DESIGN GPM = 202

ACTUAL GPM = 202

DESIGN RPM = 1770

TOTAL DYNAMIC HEAD:

DESIGN = 68.0'

ACTUAL= 67.0'

ACTUAL BLOCK OFF OR DEAD HEAD PRESSURE = 32.1

DISCHARGE = 42.2

SUCTION = 10.1

IMPELLER SIZE:

DESIGN = 8.5"

ACTUAL= 8.5"

DESIGN PRESSURE DIFFERENTIAL (TDH X .433) = 29.44

PSI: SUCTION = 10.0

DISCHARGE = 39.0

ACTUAL PD = 29.0

MOTOR VOLTS:

DESIGN = 208-230/460

ACTUAL = 476/474/476

MOTOR AMPS:

DESIGN = 20.4-19.4/9.7

ACTUAL = 6.8/7.0/7.0

DESIGN HP (CUTS/SUBMITTALS) = 7.5

MOTOR TAG HORSEPOWER = 7.5

### PUMP BALANCING & OR READ OUT DEVICE INFORMATION

MANUFACTURER = GRISWOLD

SIZE = 4.0"

SETTING = 90%

FEET/INCHES OF HEAD = 3.8'

@ 60 HZ

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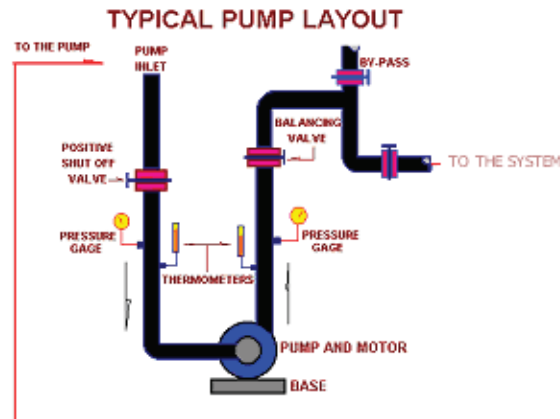
### PUMP DATA

MANUFACTURER= PATTERSON

MODEL= E25F9A-1

PUMP NUMBER= 34-GWP-2

SYSTEM = GEO



DESIGN GPM = 202

ACTUAL GPM = 202

DESIGN RPM = 1770

TOTAL DYNAMIC HEAD:

DESIGN = 68.0'

ACTUAL= 68.0'

ACTUAL BLOCK OFF OR DEAD HEAD PRESSURE = 32.0

DISCHARGE = 42.25

SUCTION = 10.5

IMPELLER SIZE:

DESIGN = 8.5"

ACTUAL= 8.5"

DESIGN PRESSURE DIFFERENTIAL (TDH X .433) = 29.44

PSI: SUCTION = 9.5

DISCHARGE = 39.0

ACTUAL PD = 29.5

MOTOR VOLTS:

DESIGN = 208-230/460

ACTUAL = 474/476/476

MOTOR AMPS:

DESIGN = 20.4-19.4/9.7

ACTUAL = 7.1/6.9/7.1

DESIGN HP (CUTS/SUBMITTALS) = 7.5

MOTOR TAG HORSEPOWER = 7.5

### PUMP BALANCING & OR READ OUT DEVICE INFORMATION

MANUFACTURER = GRISWOLD

SIZE = 4.0"

SETTING = 90%

FEET/INCHES OF HEAD = 3.9'

@ 60 HZ

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## T/A WATER BALANCING VALVE DATA SHEET

SYSTEM TYPE: CONDENSER WATER

WELL NUMBER	ROOM NUMBER	DESIGN GPM	ACTUAL GPM	VALVE SETTING	INCHES OF HEAD	SIZE	NOTES
1	BASEMENT	40.4	40.0	4.0	2.7'	2.0"	
2	BASEMENT	40.4	41.0	4.0	2.8'	2.0"	
3	BASEMENT	40.4	39.5	4.0	2.6'	2.0"	
4	BASEMENT	40.4	41.5	4.0	2.9'	2.0"	
5	BASEMENT	40.4	40.0	4.0	2.7'	2.0"	
TOTALS		202	202				@ 60 HZ

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## HEAT EXCHANGER / CONVERTER / BOILER

UNIT = 34-WWHP-1  
MAKE = MULTISTACK  
RATING BTUH= 602,800

LOCATION = BASEMENT  
TYPE = WATER TO WATER

MODEL = MR030XN2H2ROAAC-R410A  
SERIAL = (1)

CHILLED	DESIGN	ACTUAL
ENTERING WATER TEMP =	55.0 F	56.1 F
LEAVING WATER TEMP =	45.0 F	46.7 F
ENTERING WATER PSI =	NONE	(2)
LEAVING WATER PSI =	NONE	(2)
WATER DP =	8.2'	(2)
WATER GPM =	151	151

GEO	DESIGN	ACTUAL
ENTERING WATER TEMP =	80.0 F	99.1 F
LEAVING WATER TEMP =	99.0 F	110.3 F
ENTERING WATER PSI =	NONE	(2)
LEAVING WATER PSI =	NONE	(2)
WATER DP =	5.9'	(2)
WATER GPM =	202	202

(1) THERE ARE (4) , STACKED

AD06-012  
AD06-013  
AD06-014  
AD06-015

(2) NO PORTS OR GAUGES