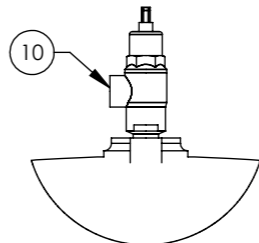
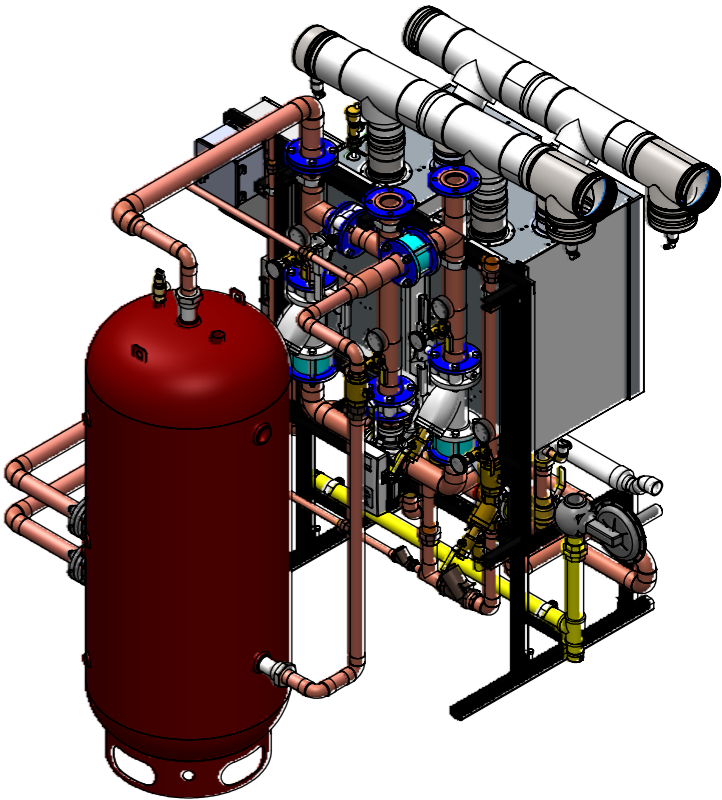


LOW WATER CUTOFF AND PUMP
[NOT FULLY DETAILED]



TOP OF TANK CONNECTION
PIPING HIDDEN FOR CLARITY



BACKSIDE VIEW OF THE WATER HEATERS

| ITEM | DESCRIPTION | QTY | CONNECTION |
|------|--------------------------------|-----|------------------------|
| 1 | VENT INTAKE | 1 | 7" CONN |
| 2 | VENT EXHAUST | 1 | 7" CONN |
| 3 | GAS REGULATOR 5 PSI NG/LPG | 1 | 2" NPT |
| 4 | CONDENSATE OUTLET | 1 | 1-1/2" SOC |
| 5 | STORAGE TANK 30 DIA 220 GALLON | 1 | |
| 6 | LOAD CENTER | 1 | (208/240)/1/60 |
| 7 | CASCADE PANEL | 1 | |
| 8 | ABH-599 | 2 | |
| 9 | COLD WATER INLET | 1 | 3" FLG ANSI 150 |
| 10 | TANK RELIEF VALVE 125# | 1 | 3/4" NPT |
| 11 | HEATER RELIEF VALVE 125# | 2 | 3/4" NPT |
| 12 | MIXED WATER OUTLET | 1 | 3" FLG ANSI 150 |
| 13 | RECIRC RETURN INLET | 1 | 2" SWT |
| 14 | DMC80 ASSEMBLY | 1 | SEE DMC APPROVAL SHEET |
| 15 | CIRCULATOR PUMP 39.6 GPM | 1 | |
| 16 | LOW WATER CUT-OFF | 2 | |

| ITEM | CONNECTION |
|----------------------|-----------------|
| WATER PIPING | COPPER TYPE "L" |
| VENTING CONNECTIONS | SS |
| TANK INSULATION TYPE | BARE METAL |
| TANK LINING | GLASS |

APPROVAL

BY: _____ DATE: _____

- ☐ APPROVED, PROCEED WITH FABRICATION
- ☐ APPROVED AS NOTED, PROCEED WITH FABRICATION IN ACCORDANCE WITH COMMENTS
- ☐ DISAPPROVED, DO NOT FABRICATE

| | | |
|---|---------------|--------|
| DO NOT SCALE DRAWING TOLERANCES UNLESS OTHERWISE SPECIFIED | | |
| DIMENSIONING ENGLISH [mm] | | |
| FRACTIONAL ± 1/64 ANGULAR: ± 2 | | |
| DECIMAL | .XXXX ± .0005 | IN. MM |
| | .XXX ± .005 | .010 |
| | .XX ± .015 | .10 |
| | .X | .3 |

| | | |
|----------|------|-----------|
| | | |
| | NAME | DATE |
| DRAWN | CFG | 5/18/2015 |
| RELEASED | | |

| | | |
|---|-------|--------------|
| ARMSTRONG INTERNATIONAL Copyright © 2010 ARMSTRONG INTERNATIONAL, INC. | | |
| ABH599MD 2 220A CWIS NAT GAS DMC80 | | |
| MATERIAL | | SHEET 1 OF 1 |
| CN69799 | REV A | SALES |

NOTES:

1. CLERANCE NOTE: LEAVE 24[610] SERVICE CLEARANCE INFRONT OF THE ABH BOXES.
2. (10) AND GAUGES ARE SHIPPED LOOSE. TO BE INSTALLED IN FIELD
3. N/A
4. THE DISTANCE BETWEEN THE OUTERMOST COMPONENT OF THE DMC TO THE OUTERMOST COMPONENT OF THE TANK SHOULD BE 12 +/- 1.0 [305 +/- 25.4]
5. ALL PIPING FROM DMC TO TANK AND WATER MANIFOLD TO TANK WILL NEED SUPPORTS ADDED IN THE FIELD AS REQUIRED