

**SHIPCO<sup>®</sup>**  
**PUMPS**

SHIPPENSBURG PUMP CO., INC.  
P.O. BOX 279, SHIPPENSBURG, PA 17257  
PHONE 717-532-7321 • FAX 717-532-7704  
WWW.SHIPCOPUMPS.COM

**PRIDE**

**QUALITY**

**CRAFTSMANSHIP**

**BULLETIN 173**



U.S. Patent #4,932,846

**TYPE AC**  
All Temperature  
Condensate Pumps

**TYPE ACH**  
All Temperature Condensate with  
High Water Switch or Cut-off

**SHIPCO<sup>®</sup>**  
**PUMPS** are equipped with Mechanical Seals rated for  
temperatures up to 250°F as standard.

## Features

---

### AC Units

- Hot Condensate up to 210°F
- Pumps to return lines
- Cold Condensate drips from an air conditioning system or coil
- Pumps to sink, drain to places where gravity is not possible
- Pump is screwed into tank for ease of removal
- Factory tested and assembled
- Certified factory test report available on every pump
- Unit is boxed and shipped via UPS
- All AC units can be converted to ACH units in the field
- 1/3 HP, 115/208 or 230 volt, 60 cycle motors, ODP, 3500 RPM
- Pump pumps up to 18 GPM at 20 PSIG with 3/4" discharge size
- NEMA 1 float switch to control pump
- Heavy fabricated steel 5 1/2-gallon tank
- Inlet at 6 1/2" from floor to centerline 2" in size
- Extension cord 6 ft. in length provided
- Length to plug wall outlet
- Industry standard 56J frame motor can be purchased anywhere any time






### Optional ACH Units

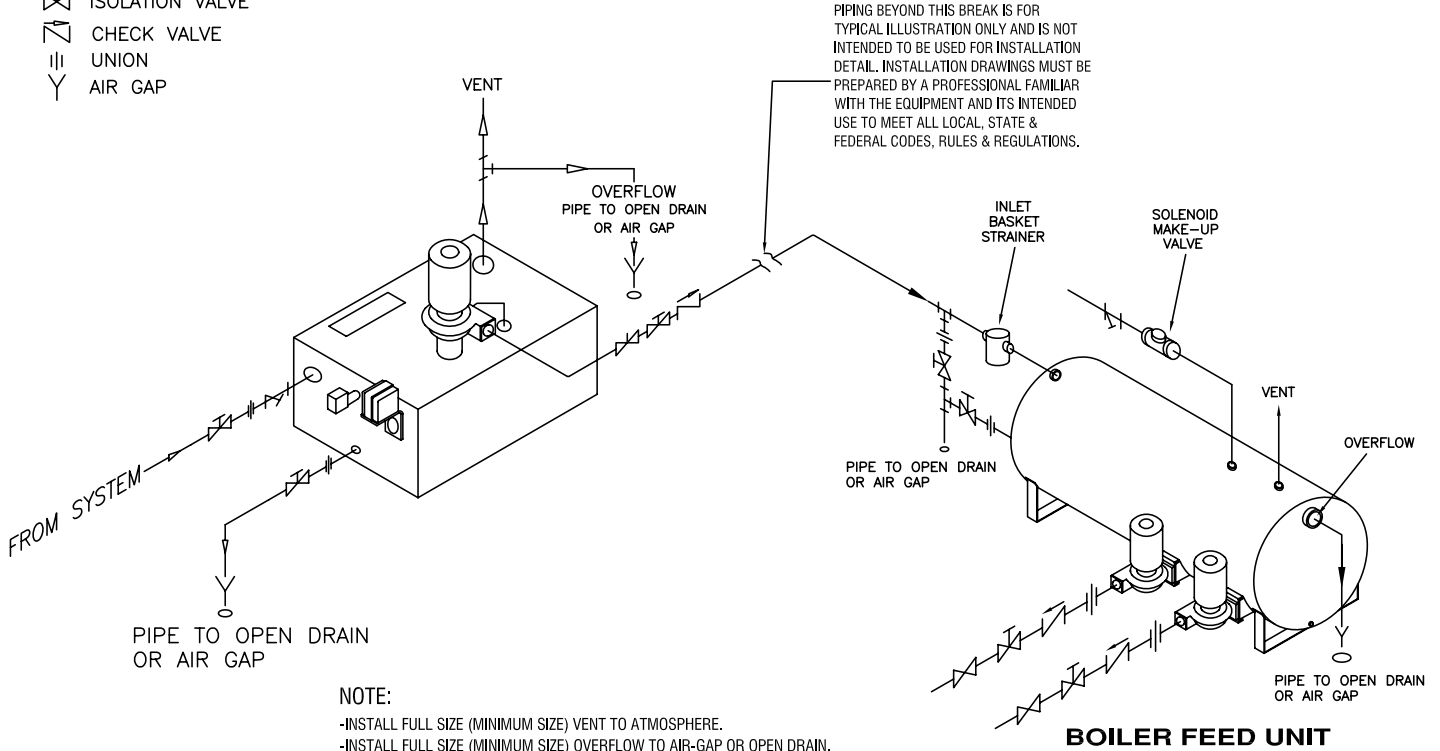
- ACH unit has optional high water alarm switch or automatic cut-off switch to prevent receiver overflow (NEMA 1 Standard)
- ACH switch and one set of N/O and one set N/C contacts
- AVH switch will shut down an air conditioning unit and also activate an audible or visual alarm, preventing an overflow condition in the tank



# Typical Piping Diagrams

## Heating Systems

-  BALANCING VALVE
-  ISOLATION VALVE
-  CHECK VALVE
-  UNION
-  AIR GAP








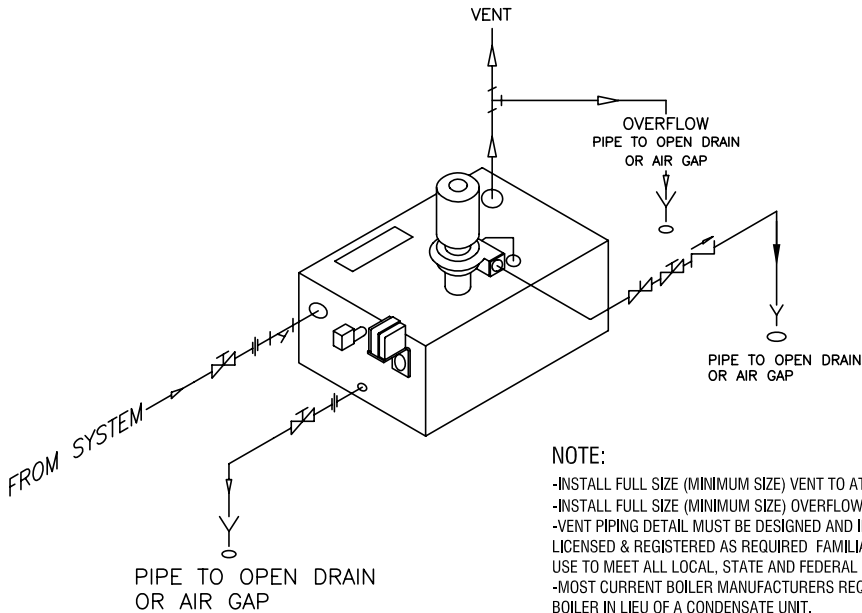
PIPING BEYOND THIS BREAK IS FOR TYPICAL ILLUSTRATION ONLY AND IS NOT INTENDED TO BE USED FOR INSTALLATION DETAIL. INSTALLATION DRAWINGS MUST BE PREPARED BY A PROFESSIONAL FAMILIAR WITH THE EQUIPMENT AND ITS INTENDED USE TO MEET ALL LOCAL, STATE & FEDERAL CODES, RULES & REGULATIONS.

**NOTE:**

- INSTALL FULL SIZE (MINIMUM SIZE) VENT TO ATMOSPHERE.
- INSTALL FULL SIZE (MINIMUM SIZE) OVERFLOW TO AIR-GAP OR OPEN DRAIN.
- VENT PIPING DETAIL MUST BE DESIGNED AND INSTALLED BY A PROFESSIONAL LICENSED & REGISTERED AS REQUIRED FAMILIAR WITH EQUIPMENT AND ITS INTENDED USE TO MEET ALL LOCAL, STATE AND FEDERAL CODES RULES AND REGULATIONS.
- MOST CURRENT BOILER MANUFACTURERS REQUIRE A BOILER FEED UNIT FEEDING THE BOILER IN LIEU OF A CONDENSATE UNIT.

## Air Conditioning Systems

-  BALANCING VALVE
-  ISOLATION VALVE
-  CHECK VALVE
-  UNION
-  AIR GAP



**NOTE:**

- INSTALL FULL SIZE (MINIMUM SIZE) VENT TO ATMOSPHERE.
- INSTALL FULL SIZE (MINIMUM SIZE) OVERFLOW TO AIR-GAP OR OPEN DRAIN.
- VENT PIPING DETAIL MUST BE DESIGNED AND INSTALLED BY A PROFESSIONAL LICENSED & REGISTERED AS REQUIRED FAMILIAR WITH EQUIPMENT AND ITS INTENDED USE TO MEET ALL LOCAL, STATE AND FEDERAL CODES RULES AND REGULATIONS.
- MOST CURRENT BOILER MANUFACTURERS REQUIRE A BOILER FEED UNIT FEEDING THE BOILER IN LIEU OF A CONDENSATE UNIT.

- DIMENSIONS FOR REFERENCE ONLY
- INSTALL ALL DRAIN PIPING FULL SIZE (MINIMUM SIZE) TO AIR GAP OR OPEN DRAIN
- ALL CONNECTING PIPING TO UNIT MUST BE SUPPORTED & ANCHORED. UNIT IS NOT DESIGNED TO SUPPORT PIPING WEIGHT.

← DENOTES WHERE SHIPCO PIPING ENDS AND CONTRACTOR PIPING BEGINS →

