

# Relief Valve

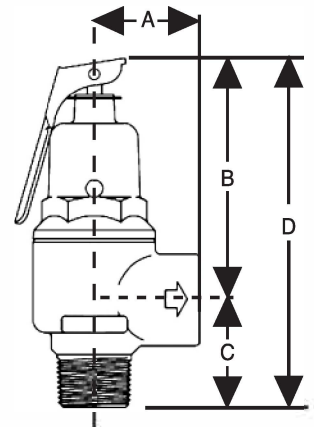
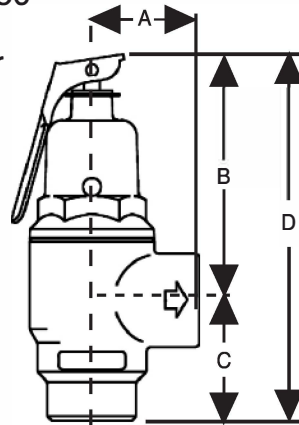
The American Wheatley RV series is designed to relieve pressure at a pre-determined set in hot water heating systems. Intended for liquid systems, or emergency steam relief only.

## Features:

- Constructed in accordance with ASME Section IV, Latest Edition, rated for emergency steam discharge by the National Board of Boiler and Pressure Vessel Inspectors
- Test lever standard on all models
- Available in 3/4" through 2"
- All sizes have female inlet and outlet; 3/4" has an optional male inlet
- Available pressure settings - 30, 50, 75, 100, 125 & 150
- 2" available only in 50 psi
- Please specify pressure requirements at time of order
- Bronze body, heat resistant silicone set disc, stainless steel pressure springs, EP diaphragms and brass internal parts
- Completely automatic, re-seating after pressure relief
- Compact design

## Optional Features:

- 3/4" available with male or female inlet



\*RV0075 with Male Optional NPT Inlet

PART NUMBER	INLET SIZE (NPS) FEMALE (IN.)	OUTLET SIZE (NPS) FEMALE (IN.)	CENTER 2 OUTLET A (IN.)	CENTER 2 TOP B (IN.)	CENTER 2 BOTTOM C (IN.)	TOTAL HEIGHT D (IN.)
RV0075	3/4"	3/4"	1 1/2"	3 1/2"	1 11/16"	5 3/16"
*RV0075	3/4"	3/4"	1 1/2"	3 1/2"	1 11/16"	5 1/32"
RV0100	1"	1"	1 3/4"	4 11/16"	1 7/64"	5 51/64"
RV0125	1 1/4"	1 1/4"	2 1/16"	5 9/16"	1 1/2"	7 1/16"
RV0150	1 1/2"	1 1/2"	2 15/32"	5 7/8"	1 21/32"	7 17/32"
RV0200	2"	2"	3"	7 1/2"	2 5/32"	9 21/32"

All packaging materials, thread protectors, plastic plugs and caps must be removed before installation.

Dimensions are subject to change without notice, please confirm actual dimensions with factory at time of order.

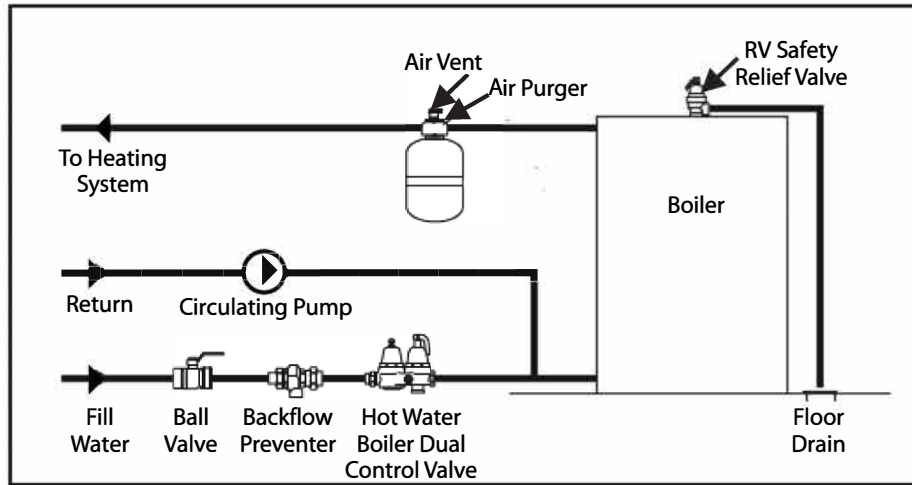
JOB NAME \_\_\_\_\_  
 LOCATION \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 CONTRACTOR \_\_\_\_\_  
 CONTRACTOR P.O. NO. \_\_\_\_\_

ITEMS	QUANTITY
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

**American WHEATLEY**  
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## Typical Piping Details



PART NUMBER	ASME RELIEF CAPACITIES AT STANDARD SETTINGS - BTU/hr. STEAM RELIEF							
	30 PSI	35 PSI	45 PSI	50 PSI	75 PSI	100 PSI	125 PSI	150 PSI
RV0075	717,400	800,100	965,600	1,048,300	1,462,000	1,875,500	2,289,100	2,703,000
*RV0075	717,400	800,100	965,600	1,048,300	1,462,000	1,875,500	2,289,100	2,703,000
RV0100	1,025,000	1,143,000	1,380,000	1,498,000	2,090,000	2,680,000	3,271,000	3,862,000
RV0125	1,704,000	1,900,000	2,293,000	2,490,000	3,472,000	4,454,000	5,437,000	6,419,000
RV0150	2,085,000	2,325,000	2,806,000	3,047,000	4,249,000	5,451,000	6,653,000	7,855,000
RV0200				5,701,000				

\*RV0075 with optional male intake NPT

Note: Please specify pressure setting at time of order