PAGELAND, S.C.

APOLLO

THIS QUALITY CONBRACO SAFETY RELIEF VALVE, ALONG WITH PROPER INSTALLATION, USE AND MAINTENANCE, WILL PROVIDE MANY YEARS OF RELIABLE SERVICE AND PROTECTION AGAINST EXCESSIVE PRESSURE BUILD-UP OF WATER/STEAM. USE OF THIS VALVE FOR ANY OTHER PURPOSE OR MEDIA PLACES ALL RESPONSIBILITY UPON THE USER. BEFORE INSTALLING VALVE, OR OPERATING EQUIPMENT TO WHICH IT IS INSTALLED, READ ALL INSTRUCTIONS CAREFULLY. ALWAYS WEAR PROPER SAFETY EQUIPMENT.

OPERATING INSTRUCTIONS

IF ADDING WATER TO A BOILER, DO NOT ALLOW WATER TO FLOW THROUGH SAFETY VALVE AS SEDIMENT OR DEBRIS MAY BE DEPOSITED ON SEATING SURFACE.

TO ACHIEVE TOPMOST PERFORMANCE AND MAXIMUM SERVICE LIFE, IT IS NECESSARY TO MAINTAIN A PROPER PRESSURE MARGIN BETWEEN THE SET PRESSURE OF THE SAFETY VALVE AND THE EQUIPMENT'S OPERATING PRESSURE.

THE RECOMMENDED PRESSURE DIFFERENTIAL BETWEEN THE PRESSURE RELIEF VALVE SET PRESSURE AND THE BOILER OPERATING PRESSURE SHOULD BE AT LEAST 10 PSI, OR 25% OF THE BOILER OPERATING PRESSURE, WHICHEVER IS GREATER. FAILURE TO MAINTAIN THIS OPERATING MARGIN MAY RESULT IN WATER LEAKAGE PAST THE SEAT AND AN ACCUMULATION OF DEPOSITS ON THE SEATING SURFACE. EXCESSIVE DEPOSITS MAY PREVENT THE VALVE FROM OPERATING PROPERLY, AND A DANGEROUS PRESSURE BUILD-UP AND EQUIPMENT RUPTURE MAY RESULT.

MAINTENANCE AND TESTING

CAUTION! BEFORE TESTING, MAKE CERTAIN DISCHARGE PIPE IS PROPERLY CONNECTED TO VALVE OUTLET AND ARRANGED TO CONTAIN AND SAFELY DISPOSE OF BOILER DISCHARGE (SEE "INSTALLATION INSTRUCTIONS").

UNDER NORMAL OPERATING CONDITIONS A "TRY LEVER TEST" MUST BE PERFORMED QUARTERLY. UNDER SEVERE SERVICE CONDITIONS, OR IF CORROSION AND/OR DEPOSITS ARE NOTICED WITHIN THE VALVE BODY, TESTING MUST BE PERFORMED MORE OFTEN. PRESSURE TEST ANNUALLY PRIOR TO HEATING SEASON, AND AT THE END OF ANY NON-SERVICE PERIOD.

TEST AT OR NEAR MAXIMUM OPERATING PRESSURE BY HOLDING THE TEST LEVER FULLY OPEN FOR AT LEAST 5 SECONDS TO FLUSH THE VALVE SEAT FREE OF SEDIMENT AND DEBRIS. THEN RELEASE LEVER AND PERMIT THE VALVE TO SNAP SHUT.

IF LIFT LEVER DOES NOT ACTIVATE, OR THERE IS NO EVIDENCE OF DISCHARGE, DISCONTINUE USE OF EQUIPMENT IMMEDIATELY AND CONTACT A LICENSED CONTRACTOR OR QUALIFIED SERVICE PERSONNEL.

NEITHER CONBRACO INDUSTRIES, INC. NOR ITS AGENTS ASSUME ANY LIABILITY FOR VALVES IMPROPERLY INSTALLED OR MAINTAINED.

DO NOT REMOVE THIS TAG!

⚠ CALIFORNIA PROP 65: WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

In accordance with the **U.S. Safe Drinking Water Act (SDWA),** it is illegal to use this product in the United States for potable water services (water intended for human consumption).

APOLLO

I-2700-00

"Apollo" Valves

Manufactured by Conbraco Industries, Inc.

INSTALLATION INSTRUCTIONS

MODEL RVW10, RVW30, & RVW60

(10 SERIES)

1. INSTALLATION MUST BE PERFORMED BY QUALIFIED SERVICE PERSONNEL ONLY.
2. THE BTU/HR OR LB/HR RATING OF THIS VALVE MUST EQUAL OR EXCEED THAT OF THE EQUIPMENT TO WHICH IT IS INSTALLED.
3. DO NOT USE THIS VALVE ON A COAL OR WOOD BOILER HAVING AN UNCONTROLLED HEAT INPUT.
4. INSURE THAT ALL CONNECTIONS, INCLUDING THE VALVE INLET, ARE CLEAN AND FREE FROM ANY FOREIGN MATERIAL.
5. USE PIPE COMPOUND SPARINGLY, OR TAPE, ON EXTERNAL THREADS ONLY.
6. DO NOT USE A PIPE WRENCH! USE PROPER TYPE AND SIZE WRENCH ON WRENCH PADS ONLY.
7. THIS VALVE MUST BE MOUNTED IN A VERTICAL, UPRIGHT POSITION DIRECTLY TO A CLEAN, TAPPED OPENING IN THE TOP OF THE BOILER OR EQUIPMENT. UNDER NO CIRCUMSTANCES SHOULD THERE BE A FLOW RESTRICTION OR VALVE OF ANY TYPE BETWEEN THE SAFETY RELIEF VALVE AND THE PRESSURE VESSEL.
8. WARNING! DURING OPERATION, THIS VALVE MAY DISCHARGE LARGE AMOUNTS OF STEAM AND/OR HOT WATER. THEREFORE, TO REDUCE THE POTENTIAL FOR BODILY INJURY AND PROPERTY DAMAGE, A DISCHARGE LINE MUST BE INSTALLED THAT:
   A. IS CONNECTED FROM THE VALVE OUTLET WITH NO INTERVENING VALVE AND DIRECTED DOWNWARD TO A SAFE POINT OF DISCHARGE,
   B. ALLOWS COMPLETE DRAINAGE OF BOTH THE VALVE AND THE DISCHARGE LINE,
   C. IS INDEPENDENTLY SUPPORTED AND SECURELY ANCHORED SO AS TO AVOID APPLIED STRESS ON THE VALVE,
   D. IS AS SHORT AND STRAIGHT AS POSSIBLE,
   E. TERMINATES FREELY TO ATMOSPHERE WHERE ANY DISCHARGE WILL BE CLEARLY VISIBLE AND IS AT NO RISK OF FREEZING,
   F. TERMINATES WITH A PLAIN END THAT IS NOT THREADED,
   G. IS CONSTRUCTED OF A MATERIAL SUITABLE FOR EXPOSURE TO TEMPERATURES OF 375°F OR GREATER,
   H. IS, OVER ITS ENTIRE LENGTH, OF A PIPE SIZE EQUAL TO OR GREATER THAN THAT OF THE VALVE OUTLET.

   USE ONLY SCHEDULE 40 PIPE FOR DISCHARGE. (DO NOT USE SCHEDULE 80 PIPE OR CONNECTIONS). DO NOT CAP, PLUG, OR OTHERWISE OBSTRUCT DISCHARGE PIPE OUTLET!
9. SEE APPROPRIATE ASME BOILER AND PRESSURE VESSEL CODE FOR ADDITIONAL INSTALLATION INSTRUCTIONS.

DO NOT REMOVE THIS TAG!

MADE IN USA

www.apollovalves.com