ARMSTRONG

Hydronic solutions

CATALOG

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DESIGN ENVELOPE COMPASS

S&H WITH ECM MOTORS

CBV

E.2 CIRCULATORS

RELIEF AND REDUCING VALVES | HYDRONIC SPECIALTIES

Low-priced combination Relief and Reducing valves, built to the high standards of all Armstrong products.

Standard relief valves are competitively priced valves are built to high standards and offer many outstanding superiorities. Extra large diaphragm assures positive action.

MOUNTING ORIENTATION

The pressure reducing valve should be installed with the flow arrow on the body pointing in the direction of the flow.

PART NUMBERS

MODEL	PART NUMBER
C–11	216945–300
RL–11	216942–300
RD–11T/S	216944–300

MODEL	PART NUMBER
RD–40	207937–343
RD–50	207937–300
HRD–70	207936–300

COMBINATION RELIEF AND REDUCING VALVE

Bodies have built-in strainer, extra large diaphragms, ½" (12.7mm) sweat or threaded union fitting and anti-siphon check valve feature on Reducing Valve. Reducing Valve is factory set at 12 psi but is easily adjusted to meet varying building heights. The special composition valve disc seat is brass and is practically noiseless during operation.

C–11

MODEL	SIZE		BODY CONSTRUCTION				
				REDUCING VALVE			
	BOILER	FILL	RELIEF VALVE	FACTORY SETTING DEL. PRESS.	READJUSTABLE RANGE	BODY CONSTR.	APPROX SHIP. WEIGHT lbs (kg)
C–11	½ (12.7)	½ (12.7)	30 (13.6)	12 (5.44)	7 to 25 (3.18 to 11.34)	Brass	2.25 (1.02)

RL–11

MODEL	SIZE	DESCRIPTION	BODY CONSTR.	APPROX SHIP. WEIGHT lbs (kg)
RL–11	½ (12.7)	**Max setting**- 30 lbs (13.61 kg)	Brass	1.25 (0.57)
RD–11T/S		**REDUCING VALVES:** All working parts are brass with easily cleaned built-in strainer. Factory adjusted at 12 psi suitable for buildings up to three stories high. Complete with integral check valve, the RD-11 is equipped with either a sweat or threaded tail piece on the inlet side.		
RD–40	¾ (19.0)			3.25 (1.47)
RD–50*				
HRD–70		**HIGH PRESSURE REDUCING VALVE:** Factory adjusted for 150 lbs initial pressure, 45 lbs delivery pressure. Other pressures must be specified when ordering. All working parts (built in strainer and extra large diaphragm) are brass. Complete with check valve.		

RD–40
RD–50
HRD–70

RD–11

All dimensions are in inches (mm) and weights in lbs (kg)

* The same unit is used in Armstrong Combination valve.