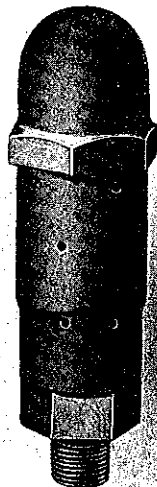


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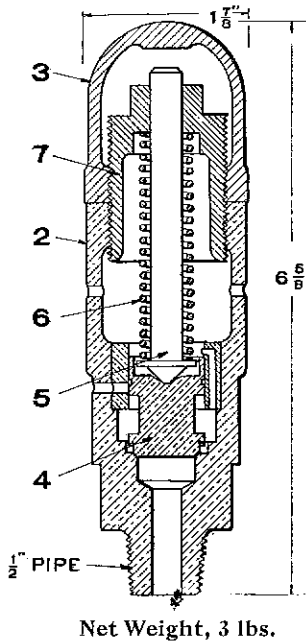
## Safety Valves.

Part Catalog No. T3516-6. November, 1912.

(SUPERSEDING ISSUE OF MAY, 1908.)

TYPE E-1 SAFETY VALVES.

The Type E-1 Safety Valve is suitable for general service where a high grade air-pressure safety valve is required, except where it is necessary to have a close or adjustable range between the opening and closing points of the safety valve, in which case the Type E-3 Safety Valve, listed below, should be used.

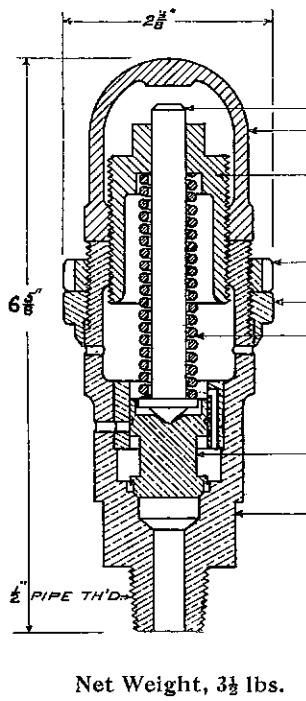


- Piece No. 28487. Type E-1 Safety Valve (5 lbs. to 25 lbs.) complete . . . . . Price, \$4.00
- Piece No. 18598. Type E-1 Safety Valve (10 lbs. to 40 lbs.) complete . . . . . Price, \$4.00
- Piece No. 10526. Type E-1 Safety Valve (35 lbs. to 75 lbs.) complete . . . . . Price, \$4.00
- Piece No. 24106. Type E-1 Safety Valve (60 lbs. to 100 lbs.) complete . . . . . Price, \$4.00
- Piece No. 24107. Type E-1 Safety Valve (80 lbs. to 130 lbs.) complete . . . . . Price, \$4.00
- Piece No. 24108. Type E-1 Safety Valve (110 lbs. to 150 lbs.) complete . . . . . Price, \$4.00

Pc. No.	Ref. No.		Price
10528	2	Body, bushed . . . . .	\$ 2.00
9029	3	Cap Nut . . . . .	.10
10524	4	Valve . . . . .	1.00
10523	5	Valve Stem . . . . .	.50
18286	6	Spring (5 lbs. to 25 lbs.) . . . . .	.06
18414	6	Spring (10 lbs. to 40 lbs.) . . . . .	.10
1498	6	Spring (35 lbs. to 75 lbs.) . . . . .	.10
3639	6	Spring (60 lbs. to 100 lbs.) . . . . .	.10
24112	6	Spring (80 lbs. to 130 lbs.) . . . . .	.10
13434	6	Spring (110 lbs. to 150 lbs.) . . . . .	.10
9030	7	Regulating Nut . . . . .	.30

TYPE E-3 SAFETY VALVES.

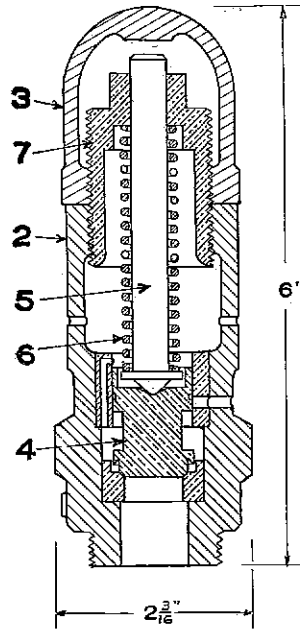
The Type E-3 Safety Valve is provided with an adjustable Exhaust Regulating Ring, by means of which the "drop" or range between the opening and closing points of the safety valve can be adjusted to any desired amount. It is, therefore, particularly adapted for use where it is desirable to keep this range at any given amount, large or small.



- Piece No. 24109. Type E-3 Safety Valve (50 lbs. to 90 lbs.) complete . . . . . Price, \$5.00
- Piece No. 24110. Type E-3 Safety Valve (80 lbs. to 130 lbs.) complete . . . . . Price, \$5.00
- Piece No. 12705. Type E-3 Safety Valve (110 lbs. to 150 lbs.) complete . . . . . Price, \$5.00
- Piece No. 24111. Type E-3 Safety Valve (140 lbs. to 225 lbs.) complete . . . . . Price, \$5.00
- Piece No. 15494. Type E-3 Safety Valve (210 lbs. to 325 lbs.) complete . . . . . Price, \$5.00
- Piece No. 26079. Type E-3 Safety Valve (300 lbs. to 400 lbs.) complete . . . . . Price, \$5.00

Pc. No.	Ref. No.		Price
12795	2	Body, bushed . . . . .	\$ 2.25
9029	3	Cap Nut . . . . .	.10
10524	4	Valve . . . . .	1.00
10523	5	Valve Stem . . . . .	.50
24113	6	Spring (50 lbs. to 90 lbs.) . . . . .	.10
24112	6	Spring (80 lbs. to 130 lbs.) . . . . .	.10
13434	6	Spring (110 lbs. to 150 lbs.) . . . . .	.10
24114	6	Spring (140 lbs. to 225 lbs.) . . . . .	.20
12490	6	Spring (210 lbs. to 325 lbs.) . . . . .	.40
26078	6	Spring (300 lbs. to 400 lbs.) . . . . .	.50
9030	7	Regulating Nut . . . . .	.30
12797	8	Exhaust Regulating Ring . . . . .	.50
12798	9	Lock Ring . . . . .	.35

Orders must give PIECE NUMBER and NAME of part wanted.



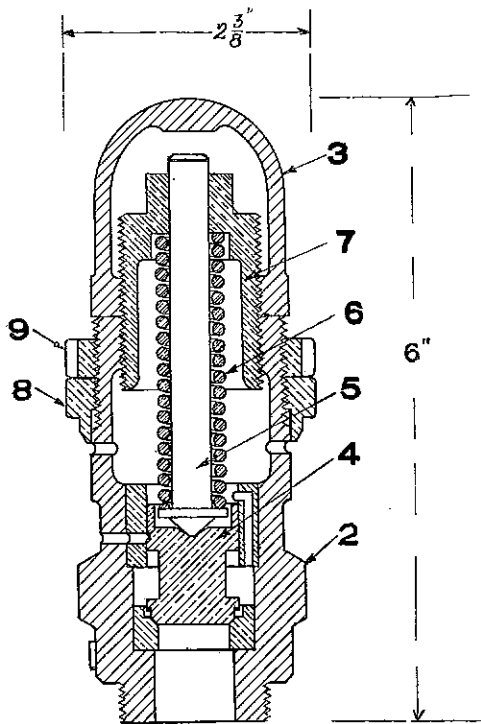
Net Weight, 3 lbs.

**TYPE E-6 SAFETY VALVE.**

The Type E-6 Safety Valve is a special valve, not used for general purposes. It is a part of and regularly supplied with the No. 14 Distributing Valve.

**Piece No. 15890. Type E-6 Safety Valve (50 lbs. to 90 lbs.) complete, Price, \$4.00**

Pc. No.	Ref. No.	Price
15554	2	Body, bushed . . . . . \$ 2.00
9029	3	Cap Nut . . . . . .10
10524	4	Valve . . . . . 1.00
10523	5	Valve Stem . . . . . .50
24113	6	Spring (50 lbs. to 90 lbs.) . . . . .10
16087	7	Regulating Nut . . . . . .50



Net Weight, 3 1/2 lbs.

**TYPE E-7 SAFETY VALVE.**

The Type E-7 Safety Valve is a special valve, not used for general purposes. It is a part of and regularly supplied with the Type L Triple Valve.

**Piece No. 15549. Type E-7 Safety Valve (35 lbs. to 75 lbs.) complete, Price, \$5.00**

Pc. No.	Ref. No.	Price
15538	2	Body, bushed . . . . . \$ 2.25
9029	3	Cap Nut . . . . . .10
10524	4	Valve . . . . . 1.00
10523	5	Valve Stem . . . . . .50
1498	6	Spring (35 lbs. to 75 lbs.) . . . . .10
16087	7	Regulating Nut . . . . . .50
12797	8	Exhaust Regulating Ring . . . . .50
12798	9	Lock Ring . . . . . .35

Orders must give **PIECE NUMBER** and **NAME** of part wanted.

**SAFETY VALVES.**

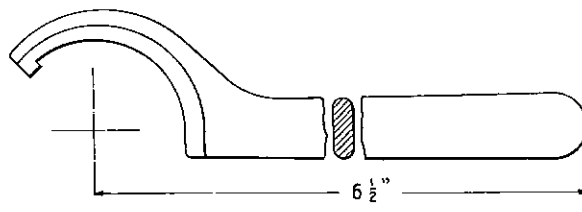
**Pressures and Service.**

While Type E-1 and Type E-3 Safety Valves are designed for air brake service, they can be used in any place where a high grade air-pressure safety valve is required. The ranges of pressures given on Page 2 must not be departed from as they cover the limits under which satisfactory operation can be obtained. The pressure range for which the valve is adapted is now stamped on the hexagon portion of the body.

The following are the valves most commonly used:

- Piece No. 10526. E-1 Safety Valve (35 lbs. to 75 lbs.) with No. 10 and No. 12 Distributing Valves.
- Piece No. 24106. E-1 Safety Valve (60 lbs. to 100 lbs.) for Main Reservoirs with SM-1, SM-3 and SME Equipments.
- Piece No. 24107. E-1 Safety Valve (80 lbs. to 130 lbs.) for Main Reservoirs with AMS, AMM, AMR and AML Equipments.
- Piece No. 24108. E-1 Safety Valve (110 lbs. to 150 lbs.) for Main Reservoirs with EL Equipments.
- Piece No. 24109. E-3 Safety Valve (50 lbs. to 90 lbs.) for Brake Cylinders with Electro-Pneumatic Equipments.
- Piece No. 15494. E-3 Safety Valve (210 lbs. to 325 lbs.) for Reservoirs of Storage System Equipments.

**WRENCH.**



- Piece No. 22605. Wrench for Safety Valve Regulating Ring . . . . . Price, \$ .08