



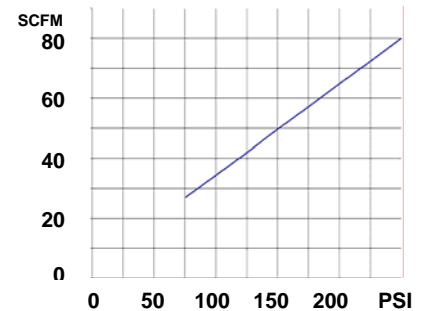
# ASME Safety Valves



SP25

**Model "SP"** ASME safety valves are designed for applications where a compact size is required and high flow capacities are not needed. For example, a 3 HP compressor may add 10 SCFM of air into the receiver at 125 PSI (860 kPa). The "SP" will flow 42 SCFM at 125 PSI (860 kPa) set pressure, so it will be adequate for this system. Resilient fluorocarbon rubber pad insures valve is bubble-tight to within 10% of set pressure. 1/8" NPT and 1/4" NPT inlets available.

All brass construction with stainless steel spring. Stamped with "UV" and "NB" symbols. Available set pressure range 75-250 PSI (520-1725 kPa). Set pressure tolerance  $\pm 3\%$  of set pressure. 120°C max. temperature.



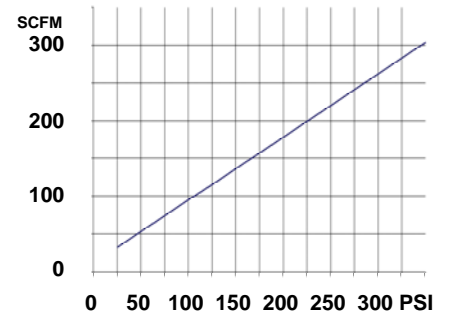
Model	Connection	Set Pressure	Dimensions (mm) Height x Hex	Weight (gms)	Part Number
SP12	1/8" NPT	75-250 PSI	38 14.3	30	On Request
SP25	1/4" BSPT	965 kPa	41 14.3	30	4012510
SP25	1/4" BSPT	1035 kPa	41 14.3	30	4012520
SP25	1/4" BSPT	1100 kPa	41 14.3	30	4012530
SP25	1/4" BSPT	200 PSI	41 14.3	30	4012540
SP25	1/4" BSPT/NPT	75-250 PSI	41 14.3	30	On Request



ST25

**Model "ST"** safety valve is our standard safety valve for small air compressor systems and related applications. Even though the size is compact, flow capacities are high. Resilient rubber pad, offered in silicone or fluorocarbon, insures valve is bubble-tight to within 10% of set pressure. Three inlet sizes are available: 1/8" NPT, 1/4" NPT, and 3/8" NPT.

All brass construction with zinc-plated piano wire spring. Stamped with "UV" and "NB" symbols. Available set pressure range 25-250 PSI (170-1725 kPa). Set pressure tolerance  $\pm 3\%$  of set pressure. 120°C max. temperature.



Model	Connection	Set Pressure	Dimensions (mm) Height x Hex	Weight (gms)	Part Number
ST12	1/8" NPT	25-350 PSI	51 17.5	60	On Request
ST25	1/4" BSPT	860 kPa	51 17.5	60	4010900
ST25	1/4" BSPT	965 kPa	51 17.5	60	4011000
ST25	1/4" BSPT	1035 kPa	51 17.5	60	4012000
ST25	1/4" BSPT	1100 kPa	51 17.5	60	4012200
ST25	1/4" NPT	30 PSI	51 17.5	60	4010670
ST25	1/4" BSPT	35 PSI	51 17.5	60	4010675
ST25	1/4" BSPT	38 PSI	51 17.5	60	4012676
ST25	1/4" BSPT	42 PSI	51 17.5	60	4012678
ST25	1/4" BSPT	50 PSI	51 17.5	60	4010677
ST25	1/4" BSPT	60 PSI	51 17.5	60	4010700
ST25	1/4" BSPT	80 PSI	51 17.5	60	4010710
ST25	1/4" BSPT	150 PSI	51 17.5	60	4012002
ST25	1/4" BSPT	200 PSI	51 17.5	60	4012290
ST25	1/4" BSPT	215 PSI	51 17.5	60	4012292
ST25	1/4" BSPT	290 PSI	51 17.5	60	4012350
ST25	1/4" BSPT/NPT	25-350 PSI	51 17.5	60	On Request
ST38	3/8" NPT	25-350 PSI	51 17.5	60	On Request



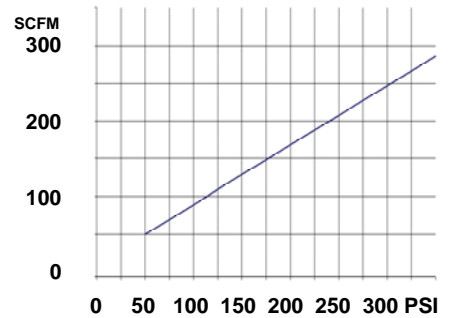
# ASME Safety Valves



SA25

**Model "SA"** ASME safety valves are designed for high temperature applications such as intercoolers and after-coolers where a compact size is required. All brass construction with stainless steel spring and stainless steel ball seating on brass seat. Three inlet sizes available: 1/8" NPT, 1/4" NPT, 3/8" NPT.

Stamped with "UV" and "NB" symbols. Available set pressure range 50-350 PSI (345-2410 kPa). Set pressure tolerance  $\pm 3\%$  of set pressure. 175°C max. temperature.



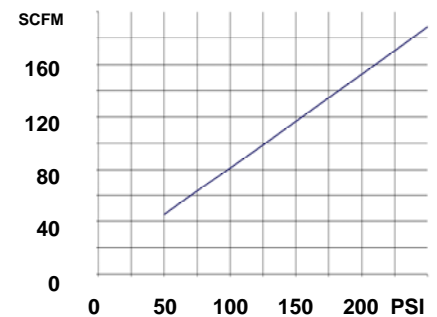
Model	Connection	Set Pressure	Dimensions (mm) Height x Hex	Weight (gms)	Part Number
SA12	1/8" NPT	50-350 PSI	54 17.5	70	On Request
SA25	1/4" NPT	50-350 PSI	54 17.5	70	On Request
SA38	3/8" NPT	50-350 PSI	54 17.5	70	On Request



SH25

**Model "SH"** safety valve is our "hard seated" ASME safety valve. An efficient seal is maintained by virtue of a precision stainless steel ball and matching brass seat. These valves find wide use in intercoolers and other applications where high temperatures are encountered. Three inlet sizes available: 1/8" NPT, 1/4" NPT, 3/8" NPT.

All brass construction with stainless steel spring and stainless steel ball. Stamped with "UV" and "NB" symbols. Available set pressure range 50-250 PSI (345-1725 kPa). Set pressure tolerance  $\pm 3\%$  of set pressure. 175°C max. temperature.



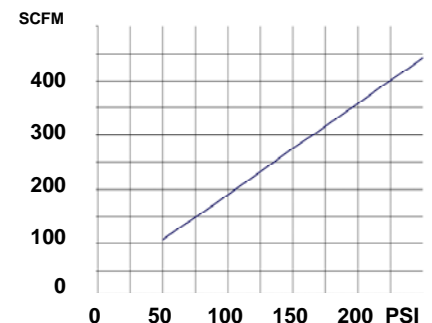
Model	Connection	Set Pressure	Dimensions (mm) Height x Hex	Weight (gms)	Part Number
SH25	1/4" NPT	50-250 PSI	70 17.5	85	On Request
SH38	3/8" NPT	50-250 PSI	70 17.5	85	On Request



SF50

**Model "SF"** ASME safety valves are designed for systems where large flow capacities are needed. Resilient pad insures valve is bubble-tight to within 10% of set pressure. Inlet size: 1/2" NPT.

All brass construction with zinc-plated piano wire spring and a rubber seal, offered in silicone or fluorocarbon. Stamped with "UV" and "NB" symbols. Available set pressure range 50-250 PSI (345-1725 kPa). Set pressure tolerance  $\pm 3\%$  of set pressure. 120°C max. temperature.



Model	Connection	Set Pressure	Dimensions (mm) Height x Hex	Weight (gms)	Part Number
SF50	1/2" BSPT	965 kPa	86 22.2	170	4012900
SF50	1/2" BSPT	1035 kPa	86 22.2	170	4013000
SF50	1/2" BSPT	1135 kPa	86 22.2	170	4013200
SF50	1/2" BSPT	1200 kPa	86 22.2	170	4013500
SF50	1/2" BSPT	1380 kPa	86 22.2	170	4014000
SF50	1/2" BSPT	1600 kPa	86 22.2	170	4014500



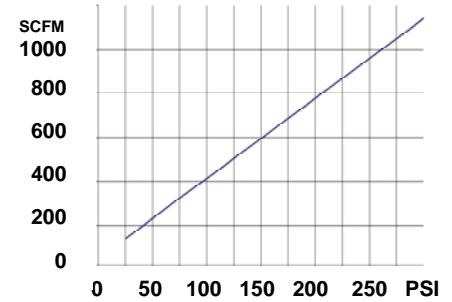
# ASME Safety Valves



SB75

**Model "SB"** safety valves offer Control Devices value to users of high capacity ASME safety valves. Unique O-ring seal insures valve is bubble-tight to within 10% of set pressure. 1/2" NPT and 3/4" NPT inlets available.

All brass construction with stainless steel springs. O-ring seal available in silicone or fluorocarbon rubber. Available set pressure range 25-300 PSI (170-2065 kPa). Set pressure tolerance  $\pm$  3% of set pressure. 120°C max. temperature.



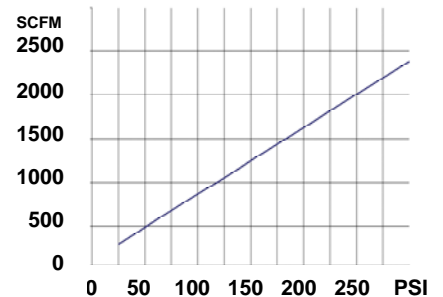
Model	Connection	Set Pressure	Dimensions (mm) Height x Hex	Weight (gms)	Part Number
SB50	1/2" NPT	25-300 PSI	98 27	285	<b>On Request</b>
SB75	3/4" BSPT	860 kPa	98 27	285	<b>4014925</b>
SB75	3/4" BSPT	1035 kPa	98 27	285	<b>4014929</b>
SB75	3/4" BSPT	1135 kPa	98 27	285	<b>4014930</b>
SB75	3/4" BSPT	1600 kPa	98 27	285	<b>4014933</b>
SB75	3/4" BSPT	1725 kPa	98 27	285	<b>4014935</b>



SW10

**Model "SW"** valve is our highest capacity ASME safety valve. Unique O-ring seal insures valve is bubble-tight to within 10% of set pressure. 1" NPT and 1-1/4" NPT inlets available.

All brass construction with stainless steel springs. O-ring seal available in silicone or fluorocarbon rubber. Stamped with "UV" and "NB" symbols. Available set pressure range 25-300 PSI (170-2065 kPa). Set pressure tolerance  $\pm$ 3% of set pressure. 120°C max. temperature.



Model	Connection	Set Pressure	Dimensions (mm) Height x Hex	Weight (gms)	Part Number
SW10	1" BSPT	860 kPa	123 41.5	790	<b>4014946</b>
	1" BSPT	965 kPa	123 41.5	790	<b>4014948</b>
	1" NPT	965 kPa	123 41.5	790	<b>4014947</b>
	1" BSPT	1035 kPa	123 41.5	790	<b>4014949</b>
SW12	1-1/4" BSPT	820 kPa	123 41.5	900	<b>4014965</b>

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