

# AIR VALVES



## SERIES 6000

### SERIES 6000 SAFETY RELIEF VALVE ATMOSPHERIC DISCHARGE COMPLETE WITH EASING LEVER



CAPACITIES 6000- AIR at 15°C in Std. Litres/sec at 10% overpressure

BarG	0.5	1.0	2.0	5.0	6.0	9.0	10.0	12.5	15	19	21	23	25	27.6
1/4"	5	8	15	36	43	67	75	93	110	138	152	166	180	198

Series 6000 1/4" Atmospheric discharge with pull Ring easing gear. This type is used extensively on compressed air cylinders and pressure vessels. When fitted with a silicone rubber seat this valve is also used on small dental or hospital sterilising equipment.

## SERIES 6100

### SERIES 6100 SAFETY RELIEF VALVE ATMOSPHERIC DISCHARGE COMPLETE WITH EASING LEVER



CAPACITIES 6100- AIR at 15°C in Std. Litres/sec at 10% overpressure

BarG	0.5	1.0	2.0	5.0	6.0	9.0	10.0	12.5	15	19	21	23	25	27.6
1/4"-1/2"	5	7	20	40	47	67	74	91	108	135	148	162	175	193
3/4"	7	10	29	60	70	100	110	135	161	201	221	241	261	288
1"	12	16	48	97	113	162	178	219	260	326	358	391	424	466

Series 6100 - 1/4" to 1" (5 sizes available) Atmospheric discharge with Lifting Knob easing gear. These valves are primarily used on compressed air supply systems, compressor sets and pressure vessels. Fitted to systems to prevent a safe working pressure being exceeded.

#### SERIES 6000 & 6100 FEATURES

- SOFT VALVE WASHER FOR 'BUBBLE TIGHT' SEAL
- PRESSURE RANGE 0.5 barG TO 27.6 barG
- VALVE WASHERS TO SUIT AIR & INERT GASES
- HIGH PERFORMANCE
- ATMOSPHERIC DISCHARGE
- BRASS CONSTRUCTION WITH STAINLESS STEEL SPRINGS

#### SERIES 6000 & 6100 SPECIFICATION

These High Lift Safety Relief Valves with atmospheric discharge are suitable for air and inert gas applications. The flow is de-rated and measured in accordance with BS6759 Part 2: 1984 The valve re-seats by minus 10% of set pressure.

MAXIMUM SET PRESSURE: 27.6 barG    MAXIMUM TEMPERATURE: 140°C    MINIMUM TEMPERATURE: -15°C

## SERIES 6200/6500

### SERIES 6200/6500 SAFETY RELIEF VALVE SIDE OUTLET DISCHARGE COMPLETE WITH EASING LEVER OR SEALED COVER



CAPACITIES 6200/6500- AIR at 15°C in Std. Litres/sec at 10% overpressure

BarG	0.5	1.0	2.0	5.0	6.0	9.0	10.0	12.5	15	19	21	23	25	27.6
1/4"-1/2"	5	7	20	40	47	67	74	91	108	135	148	162	175	193
3/4"	7	10	29	60	70	100	110	135	161	201	221	241	261	288
1"	12	16	48	97	113	162	178	219	260	326	358	391	424	466

Series 6200/6500 1/2" to 1" (3 sizes available) Side Outlet Discharge with or without lifting gear. Same air applications as 6100 but also used on Medical Air Gases. Valve with sealed top is available as Series 6500.

## SERIES 6300

### SERIES 6300 SAFETY RELIEF VALVE SIDE OUTLET DISCHARGE COMPLETE WITH EASING LEVER



CAPACITIES 6300- AIR at 15°C in Std. Litres/sec at 10% overpressure

BarG	0.5	1.0	2.0	5.0	6.0	9.0	10.0	12.5	15	19	21	23	25	27.6
1/2"	5	7	20	40	47	67	74	91	108	135	148	162	175	193
3/4"	7	10	29	60	70	100	110	135	161	201	221	241	261	288
1"	12	16	48	97	113	162	178	219	260	326	358	391	424	466

Series 6300 1/2" to 1" (3 sizes available) Side Outlet Discharge. Same as above Series 6200 but with Pull Ring instead of Knob and de-greased for Oxygen duty.

Oxygen  
Cleaned

#### SERIES 6200/6500 & 6300 FEATURES

- SOFT VALVE WASHER FOR 'BUBBLE TIGHT' SEAL
- PRESSURE RANGE 0.5 barG TO 27.6 bar
- VALVE WASHERS TO SUIT AIR & INERT GASES
- HIGH PERFORMANCE
- SIDE OUTLET DISCHARGE
- BRASS CONSTRUCTION WITH STAINLESS STEEL SPRINGS

#### SERIES 6200/6500 & 6300 SPECIFICATION

These High Lift Safety Relief Valves have a side outlet discharge suitable for air and inert gas applications. The flow is de-rated and measured in accordance with BS6759 Part 2: 1984 The valve re-seats by minus 10% of set pressure.

MAXIMUM SET PRESSURE: 27.6 barG    MAXIMUM TEMPERATURE: 140°C    MINIMUM TEMPERATURE: -15°C



ALL SAFETY VALVES ARE PED APPROVED AND CE MARKED