

14-500 Series

Low Pressure Air Relief with Plain Cap



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO#:	
Rep:	
Wholesale Dist.:	

DESCRIPTION

High volume air relief valves designed for low pressure/high volume air and gas service. Rugged bronze construction features elastomer soft seating and TFE coated discs for dependable operation.

- Inlet Sizes 2", 2-1/2" and 3"
- Factory Set Pressures 4 to 22 psig @ 400°F max.

APPLICATIONS

- Non-ASME Code Air and Gas Service
- Low Pressure, High Volume Blowers and Compressors
- Bulk Hauling Tanks, Trailers and Rail Cars
- Powdered Solids / Bulk Handling
- Pneumatic Conveying Equipment

FEATURES

- Vibration Resistant Soft Seat is Standard
- Stainless Steel Spring
- One Piece Corrosion Resistant Bronze Body Design
- High Flow "Top-Guided" Design

OPTIONS

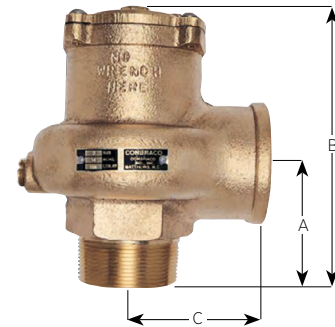
- Model 14-400 with Test Lever

STANDARD MATERIALS LIST

BODY	Bronze, ASTM B584
SEAT/O-RINGS	Silicone
PLUG	Brass, ASTM B16
SPRING	Stainless Steel

AVAILABLE CONFIGURATIONS

PART NUMBER	SIZE (IN./MM)	DIMENSIONS (IN./MM)			WT./EA. (LB./KG)
		A	B	C	
14-X05	2 x 2	3	6-1/2	3-1/8	8.4
	50M x 50F	76	165	79	3.81
14-X06	2-1/2 x 2-1/2	3-1/2	7-5/8	3-1/2	12.5
	65M x 65F	89	194	89	5.7
14-X07	3 x 3	4-1/8	8-3/4	3-7/8	17.0
	80M x 80F	105	222	98	7.7



PART NUMBER MATRIX

14	-X	-XX	-X
SERIES NUMBER	BODY/CAP STYLE AND SERVICE	INLET CONNECTION	RELIEF PRESSURE
14 - BASE MODEL NO.	4 - AIR RELIEF, WITH TEST LEVER	05 - 2" NPT	SET PRESSURE IN PSIG (2 DIGITS)
	5 - AIR RELIEF, PLAIN CAP	06 - 2-1/2" NPT	
		07 - 3" NPT	