

GUIDE SPECIFICATIONS – HOOK-UP COMPONENTS

UNIONS

Manufacturer

Macon Balancing
Models UR, URP, US, UB.

Design and Material

.50" – 2.0" Brass O-ring type Union. EPDM O-ring. Fixed End available in FNPT or SWT. Tailpiece available in MNPT, FNPT, SWT or Press End. Size reductions available. Ground joint type not acceptable.

Minimum Ratings

600 PSIG @ 250°F

Y-STRAINERS

Manufacturer

Macon Balancing
Models SV, SVF.

Design and Material

.50" – 2.0" Forged or cast brass body. EPDM O-ring. Plated steel handle with vinyl grip. Blow out-proof stem. Chrome plated ball with Teflon seats. 20 mesh stainless steel screen with removable cap. Fixed End available in FNPT, SWT or Press End. Tailpiece available in MNPT, FNPT, SWT or Press End. Size reductions available. Strainer shall be fitted with a hose end blow down valve with cap and chain. 2.5" – 12.0" Cast iron body. Fiber gasket. Stainless steel strainer screen. ANSI 125# Flanged. Lug type ductile iron butterfly valve mounted on the inlet.

Minimum Rating

.50" – 2.0" 600 PSIG @ 250°F
2.5" – 12.0" 175 PSIG @ 250°F.

MANUAL AIR VENTS

Manufacturer

Macon Balancing
Models MAV, PTV.

Design and Material

MAV Brass body. Knurled slotted handle. Blowout-proof stem. Side vent. 1/4" NPT. Standard and Extended length. PTV Brass body, EPDM core and O-rings. Knurled handle and cap. Blowout-proof stem. Side vent with 1/8" hose barb. 1/4" and 1/2" NPT. Standard and Extended length.

Minimum Ratings

MAV 400 PSIG @ 250°F
PTV 250 PSIG @ 250°F

AUTOMATIC AIR VENTS

Manufacturer

Macon Balancing
Model AAV

Design and Material

Forged brass body, manual shut-off cap. Polypropylene float. Body designed to be disassembled for cleaning. Vent capacity 1 SCFM @ 60 PSIG.

Minimum Ratings

150 PSIG @ 250°F

HOOK-UP COMPONENTS continued –

GUIDE SPECIFICATIONS – HOOK-UP COMPONENTS cont.

HOSES

Manufacturer

Macon Balancing
Models FH

Design and Material

.50" – 2.0" inner core of EPDM suitable for water temperatures between 40°F and 230°F.
Outer braided cover of stainless steel with brass fittings. Double Crimp SS Ferrules.

Minimum Ratings

Temperature Range: 5°F to 212°F
1/2" 375 PSIG Operating, 1500 PSIG Burst
3/4" 300 PSIG Operating, 1200 PSIG Burst
1.0" 225 PSIG Operating, 900 PSIG Burst
1.25" 200 PSIG Operating, 800 PSIG Burst
1.50" 175 PSIG Operating, 600 PSIG Burst
2.0" 150 PSIG Operating, 500 PSIG Burst

PRESSURE / TEMPERATURE PORTS

Manufacturer

Macon Balancing
Models PT, PTV

Design and Materials

PT Brass body. Dual durometer EPDM core.
Brass cap with EPDM O-ring and neoprene strap.
Accepts 1/8" diameter gage adapter or thermometer stem. 1/4" and 1/2" NPT.
PTV Brass body. Dual durometer EPDM core.
Brass cap with EPDM O-ring and neoprene strap.
Side air vent with 1/8" hose barb. Accepts 1/8" diameter gage adapter or thermometer stem.
1/4" and 1/2" NPT.

Minimum Ratings

PT 500 PSIG @ 250°F
PTV 250 PSIG @ 250 °F

BALL VALVES

Manufacturer

Macon Balancing
Models AB, BB, MB, SB

Design and Material

.50" – 2.0" forged or cast brass body.
EPDM O-ring. Plated steel handle with vinyl grip.
Blow out-proof stem. Chrome plated ball with Teflon seats. Fixed End available in FNPT, SWT or Press End. Tailpieces available in MNPT FNPT, SWT or Press End. Size reductions available.

Minimum Ratings

600 PSIG @ 250°F