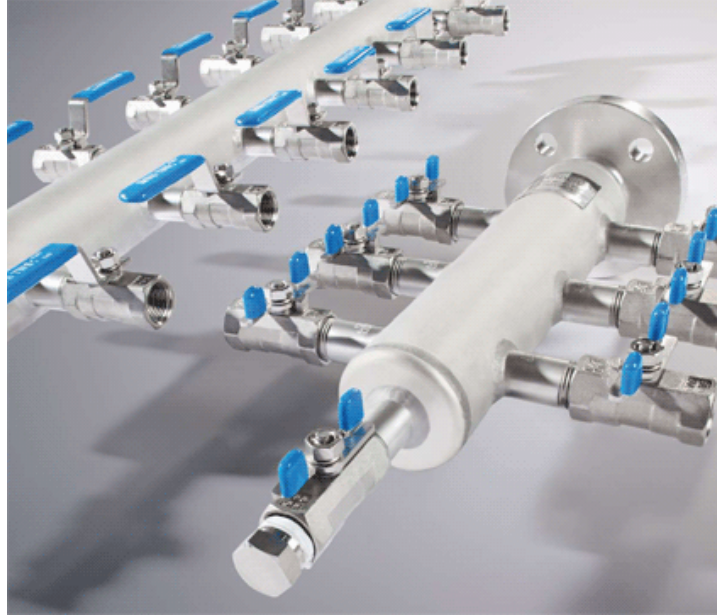


## AIR HEADERS



### **Introduction:-**

Air headers and distribution manifolds provide customers with many configurations for isolation manifolds. AKI fabricates manifolds specifically to suit the customer's exact requirements.

AKI can provide special coating like Zinga coating, Hot dipped galvanizing, Epoxy, Silver Coat etc. on Carbon Steel Air headers & Electro Polish finished for stainless steel. All Headers are Laser Marked, wherever possible.

Weld joints are **Argon welded as per ASME SEC IX** by qualified welding personnel. All headers are 100% hydrostatically / pneumatically tested at applicable pressures and also 2% samples are subjected to Dye Penetrant Testing. The following can be offered upon request.

- 1) Weld location map / WPS for approval.
- 2) UT /Radiography test can also be offered upon request.

ISO/ISA standards are typically followed unless otherwise specified.  
EN10204/3.1b Test Certificate will be furnished.

### **Technical Detils:-**

Inlet	: DIN & ANSI ½" / 1" NB Flanged / Threaded Connections.
Main Pipe	: 1", 1-½", 2" NB SCH 40 / 80 / 160/ XXS, Seamless
Outlet ports	: 4way / 6way / 8way / 12way / 16way (Staggering or straight, Single sided or Double sided)
Ports Size	: ¼" - ½" NB SCH 40 / 80 / 160/ XXS Nipple TOE.
Valves	: Fitted on outlet ports ¼" / ½" SS or Brass or A 105 Needle Valves / SS Ball Valves (Full or Reduced Port)
Drain	: ½" SCH SCH 40 / 80 / 160/ XXS Nipple TOE fitted with SS Ball Valve & Drain plug.
Pressure Test	: 150 psi. Pneumatic
M.O.C	: SS, CS, Alloy Steel, Monel etc.
Mounting	: Wall or Rack Mounting or 'U' clamps.