

MODEL AIRH · INSTRUMENT COMPRESSED-AIR DISTRIBUTION

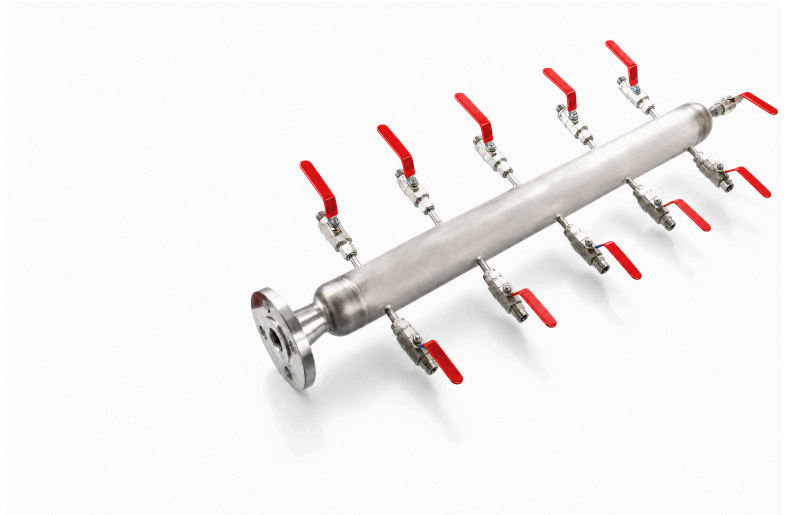
PRODUCT OVERVIEW

AIRHEADER

Model AIRH

A multiple-valve assembly for instrument compressed-air distribution from one inlet connection to multiple controlled outlets.

Series profile: configurable manifold size, outlet quantity and ball- or needle-valve selection.



Illustrative product presentation on white studio ground

AIRH SERIES
MANIFOLD SIZE
1–4 in

Series scope

OUTLET COUNT
4–20

Available ports

VALVE CHOICE
BV / NV

Ball or needle

A refined distribution assembly for plant and facility service.

All final configuration, materials, dimensions, limits and accessories are governed by the approved order documentation and nameplate.

PRODUCT THESIS · ENGINEERED FOR DISTRIBUTION

A clear distribution architecture for instrument air

The AIRH series combines the main inlet, multiple instrument outlets and a drain connection in a single assembly. It is intended to distribute and control compressed air from one originating point to multiple plant or facility utility points.

CONSTRUCTION LANGUAGE

A configurable manifold built around a seamless-pipe or bar-stock body, with outlet valve selection, connection options and mounting-bracket availability.

Final supplied configuration and geometry are defined by the approved order documentation and, where applicable, the approved GA drawing.

SERIES SPECIMEN

Distribution pipe size	1 in to 4 in
Materials	SS316, carbon steel, Inconel, Super Duplex, Hastelloy, Monel, 6 MO
Pipe schedules	SCH 40, SCH 80, SCH 160, SCH XXS
Length	8 in or larger
Number of outlet ports	4-way to 20-way
Valve type	Ball valve or needle valve
Valve end connection	Female threaded or male threaded
Body type	Seamless pipe or bar stock
Option	Mounting bracket

REPRESENTATIVE APPLICATIONS

Oil & gas equipment	Offshore technology
Seawater desalination plants	Chemical industry
Storage tanks	Pressure vessels / reactor tanks /
	heat exchangers
Power plants	Petrochemical facilities

◆ OPERATING-LIMIT NOTE

The supplied source catalog contains differing numerical working-pressure statements. Accordingly, this catalog does not state a rating. Final pressure and temperature limits are defined by the approved order data sheet and product nameplate.

CONFIGURATION ATLAS · MODEL SELECTION

Build the AIRH reference

AIRH · X₁ · X₂ · X₃ · X₄ · X₅ · X₆ · X₇ · X₈

Select and combine the fields below to define the requested configuration.

X ₁	Manifold Pipe Size
1 in	1
2 in	2
3 in	3
4 in	4

X ₂	Inlet Port Type
ASME	
RF Flange 150#	RF150
Ring Flange 150#	RG150
RF Flange 300#	RF300
Ring Flange 300#	RG300
THREADED	
1/4 in NPT (F)	A
1/2 in NPT (F)	B
3/4 in NPT (F)	C
1 in NPT (F)	D

X ₃	Inlet Size
1/2 in	E
3/4 in	F
1 in	G
2 in	H

X ₄	Number of Outlet Ports
4	4
6	6
8	8
10	10
12	12
16	16
20	20

X ₅	Outlet Port Type
Ball valve, lever operated	BV
Needle valve	NV

X ₆	Port Size
1/4 in	A
3/8 in	B
1/2 in	C
1 in	D

X ₇	Outlet Valve Configuration
Both side	BS
Right	R
Left	L

X ₈	Drain Valve Outlet Size
1/2 in	A
1 in	B
2 in	C

SOURCE EXAMPLE

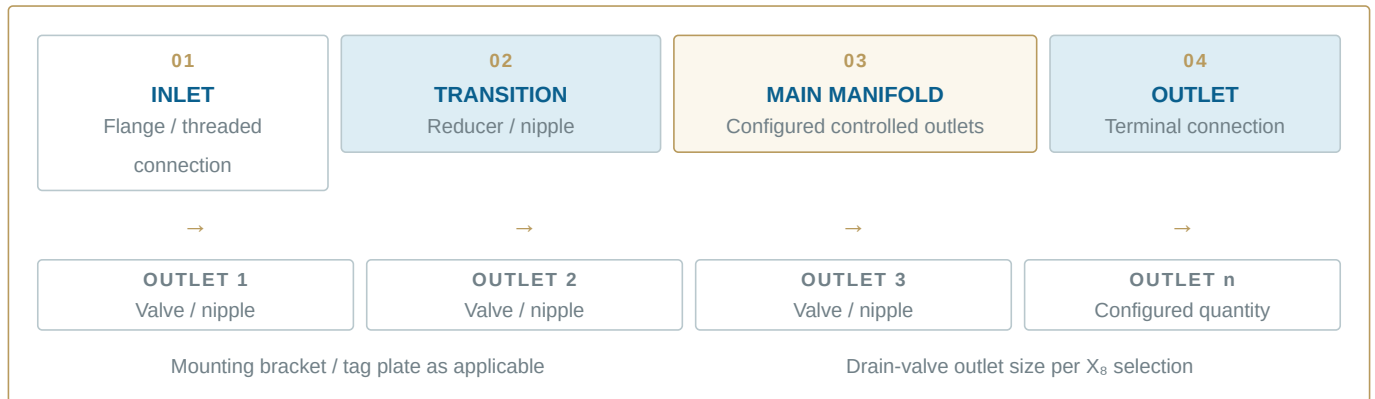
AIRH · 1 · RF150 · E · 4 · BV · A · BS · A

Illustrative source example only. The source catalog labels X₆ as an inlet-size field despite its placement after outlet port type; it is retained here as a neutral port-size field pending order-data confirmation.

ARCHITECTURE & ORDERING · ILLUSTRATIVE ARRANGEMENT

A considered route from inlet to outlet

This non-dimensional visual is a reading aid compiled from the supplied catalog's standard-version component list. It is not an approved GA, fabrication or installation drawing.



SELECTION BRIEF

Provide the AIRH model code; manifold pipe size; inlet connection type and size; outlet quantity; valve type; X₆ port size; outlet-valve configuration; drain outlet size; material / body selection; and mounting-bracket requirement.

For application review, provide service conditions and required final operating limits so they can be defined in the approved order documentation.

CONTACT

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DOCUMENT LIMITATION

Technical source: AIR HEADER — Model AIRH, supplied catalog. This publication presents the supplied catalog information in a redesigned format. Final supplied configuration, materials, dimensions, pressure / temperature limits and accessories are governed by the approved order data sheet, GA drawing where applicable, and product nameplate.