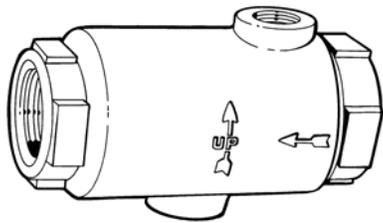


JOB:	REPRESENTATIVE:	
UNIT TAG:	ORDER NO.	DATE:
ENGINEER:	SUBMITTED BY:	DATE:
CONTRACTOR:	APPROVED BY:	DATE:



In-Line® Air Separator Model IAS Air Control

DESCRIPTION

B&G In-Line Air Separator Fittings are designed to effectively separate free air in hydronic heating/cooling systems. The air separators are constructed of a single piece cast iron material with an integral weir, designed to decelerate system flow to maximize air separation. The IAS-1 and IAS-1-1/4 have a 1/8" NPT vent tapping. The IAS-1½ through IAS-3 have a 3/4" NPT tapping to accept a high velocity air vent or can be piped to a plain steel compression tank. All models have a 1/2" NPT bottom tank connection.

CONSTRUCTION

One Piece Cast Iron

MAXIMUM OPERATIONAL LIMITATIONS

Working Pressure: 175 psig (12.1 Bar)
Temperature: 300°F (149°C)

SCHEDULE

MODEL NUMBER	PART NUMBER	SIZE NPT	VENT TAPPING	MAXIMUM FLOW GPM (l/s)	TAGGING INFORMATION	QUANTITY
IAS-1	112118	1"	1/8"	15 (0.95)		
IAS-1-1/4	112119	1-1/4"	1/8"	25 (1.58)		
IAS-1-1/2	112097	1-1/2"	3/4"	35 (2.21)		
IAS-2	112098	2"	3/4"	50 (3.15)		
IAS-2-1/2	112099	2-1/2"	3/4"	75 (4.75)		
IAS-3	112100	3"	3/4"	125 (7.89)		



