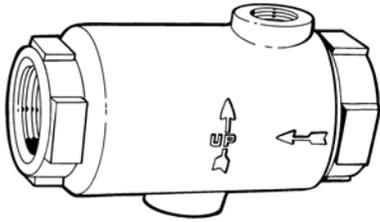


<b>JOB:</b>	<b>REPRESENTATIVE:</b>	
<b>UNIT TAG:</b>	<b>ORDER NO.:</b>	<b>DATE:</b>
<b>ENGINEER:</b>	<b>SUBMITTED BY:</b>	<b>DATE:</b>
<b>CONTRACTOR:</b>	<b>APPROVED BY:</b>	<b>DATE:</b>



# 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)		

