

# AMMONIA PIPE MARKERS

## EZ Pipe Markers

### ADVANTAGES

- Markers Comply with IIAR Recommended Guidelines Bulletin #114
- Markers Are Sold Individually & Include One Directional Arrow
- Apply To Clean, Dry Surface.
- Minimum Temp Of 50° F When Applied.
- Aggressive Adhesive Will Stick To Most Clean & Dry Surfaces



### EZ Ammonia Markers

These markers are industrial strength vinyl labels designed to function at a service temperature of 150° F or less. Aggressive acrylic adhesive with an extra heavy coating ensures adhesion to a variety of pipe surfaces. Each marker is supplied with an arrow that can be applied in any direction.

#### EZ Ammonia Marker Size Selection

Size *	AN-1	AN-2	AN-3	AN-4
Pipe O.D.	3/4" to 2"	2-1/2" to 6"	7" to 10"	Over 10"
Marker Size WxH	10 x 1-1/2"	15 x 2-1/2"	27 x 3-1/2"	32 x 4-1/2"
Letter Size	3/4"	1-1/4"	2-1/2"	3-1/2"
Marker Illustration				

\* Size Selection SHOULD include insulation thickness

#### Stock EZ Markers Pricing

Size	Pipe O.D.	1 - 49	50 - 99	100+
AN-1	3/4" to 2"	3.50	3.40	2.90
AN-2	2-1/2" to 6"	4.50	4.35	4.05
AN-3	7" to 10"	5.75	5.65	5.25
AN-4	Over 10"	7.30	7.10	6.50

#### To Order Stock EZ Markers:

Specify marker size, part number (see table on page 38) and quantity. **Example: AN-1-14 = HG (Hot Gas) Size 1.** OK to combine stock markers for best price.

## System #1 Wrap Around

**Ammonia System #1 Pipe Markers™** are made using durable outdoor grade vinyl. Marker sizes RA to RE wrap completely around pipes up to 6" O.D. For pipes larger than 6" O.D. use strap on pipe markers, sizes RF, RG or RH.

### ADVANTAGES



- No Pipe Preparation
- Speed of Installation
- 360° Visibility (up to 6" O.D.)
- Free Nylon Ties (2) Provided For Sizes F, G & H. See Page 30 For Extra Ties.
- Arrows Included On Each Marker
- Service Temp Range -40° To 160° F (-40° to 71° C)
- **Marker Size Selection Must Be Based On Pipe O.D. Including Insulation, If Applicable.**
- Markers Are Sold Individually



#### Stock Ammonia System #1 Pricing

Size	Pipe O.D.	1-9	10-24	25+
RA	3/4" to 1"	8.35	6.65	5.80
RB	1-1/8" to 2-3/8"	8.85	7.10	6.20
RC	2-1/2" to 3-1/4"	10.55	8.45	7.40
RD	3-3/8" to 4-1/2"	13.40	10.70	9.40
RE	4-5/8" to 6"	14.70	11.75	10.25
RF	6-1/8" to 7-7/8"	14.70	11.75	10.25
RG	8" to 10"	19.60	15.65	12.50
RH	Over 10"	21.00	16.80	13.45

**To Order Ammonia Stock System #1:** Specify marker size and legend code. See legend part number on page 38, column 1. **Example: RC-14 = HOT GAS Size C.**

OK to combine stock markers for best price.

#### Marker Size Selection

Size *	RA	RB	RC	RD	RE	RF	RG	RH
Pipe O.D.	3/4" to 1"	1-1/8" to 2-3/8"	2-1/2" to 3-1/4"	3-3/8" to 4-1/2"	4-5/8" to 6"	6-1/8" to 7-7/8"	8" to 10"	Over 10"
Marker Length	8"	8"	12"	12"	12"	12"	24"	32"
Letter Size	1/2"	3/4"	1-1/4"	1-1/4"	1-1/4"	1-1/4"	2-1/2"	3-1/2"
Marker Illustration	Wrap Around	Wrap Around	Wrap Around	Wrap Around	Wrap Around	Strap On	Strap On	Strap On

# AMMONIA PIPE MARKERS

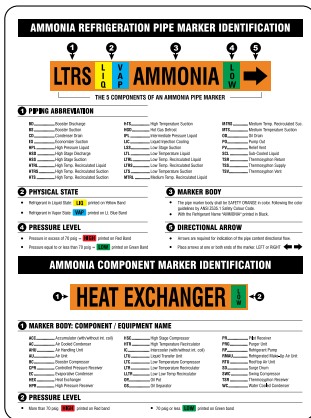
## Component Markers & Reference Chart



### Ammonia Legends & Part Numbers

PART #	LEGEND	ABBRV.	STATE	PRESS.	PART #	LEGEND	ABBRV.	STATE	PRESS.
1	BOOSTER DISCHARGE	BD	VAP	LOW	38†	LOW LOW TEMP. LIQUID	LLTL	LIQ	LOW
2	BOOSTER SUCTION	BS	VAP	LOW	23	LOW TEMP. RECIRC. LIQ.	LTRL	LIQ	LOW
3	CONDENSER DRAIN	CD	LIQ	HIGH	39†	LOW LOW TEMP. REC. LIQ.	LLTRL	LIQ	LOW
4*	DEFROST CONDENSATE	DC	LIQ VAP	HIGH	24	LOW TEMP. RECIRC. SUCT.	LTRS	LIQ VAP	LOW
5	ECONOMIZER SUCTION	ES	VAP	LOW	40†	LOW LOW TEMP. REC. SUCT.	LLTRS	LIQ VAP	LOW
6*	EQUALIZER	EQ	VAP	HIGH	25	LOW TEMP. SUCTION	LTS	VAP	LOW
7*	FOUL GAS	FG	VAP	HIGH	26	MED. TEMP. RECIRC. LIQ.	MTRL	LIQ	LOW
8	HIGH PRESSURE LIQUID	HPL	LIQ	HIGH	27	MED. TEMP. RECIRC. SUC.	MTRS	LIQ VAP	LOW
9	HIGH STAGE DISCHARGE	HSD	VAP	HIGH	28	MED. TEMP. SUCTION	MTS	VAP	LOW
10	HIGH STAGE SUCTION	HSS	VAP	LOW	29	OIL DRAIN	OD	---	---
11	HIGH TEMP. RECIRC. LIQ.	HTRL	LIQ	LOW	30	PUMP OUT	PO	LIQ VAP	LOW
12	HIGH TEMP. RECIRC. SUCT.	HTRS	LIQ VAP	LOW	32	RELIEF VENT	RV	VAP	HIGH
13	HIGH TEMP. SUCTION	HTS	VAP	LOW	33*	RELIEF VENT	RV	---	---
14*	HOT GAS	HG	VAP	HIGH	34	SUB-COOLED LIQUID	SCL	LIQ	HIGH
15	HOT GAS DEFROST	HGD	VAP	HIGH	35	THERMOSYPHON RETURN	TSR	LIQ VAP	HIGH
16	INTERMEDIATE PRESS. LIQ.	IPL	LIQ	HIGH	36	THERMOSYPHON SUPPLY	TSS	LIQ	HIGH
18	LIQUID INJECTION COOL	LIC	LIQ	HIGH	37	THERMOSYPHON VENT	TSV	VAP	HIGH
21	LOW STAGE SUCTION	LSS	VAP	LOW	* These piping descriptions are not included in Bulletin No. 114-2019				
22	LOW TEMP. LIQUID	LTL	LIQ	LOW	† New piping abbreviations included in Bulletin No. 114-2019				

## Reference Chart



**IIAR Bulletin No. 114 2019:**  
A reference chart that fully explains the ammonia refrigeration piping and component identification markers, including approved abbreviations, should be placed in areas of easy access to your personnel. Our Ammonia reference chart measures 12 x 16" and is available in .055 thick white semi-rigid plastic.

### Stock Pricing

PART #	Size	1	10	25+
AMC-2	12 x 16"	29.25	25.30	19.25

**To Order Charts:**  
Specify part number and quantity.

## EZ Component Markers



**IIAR Bulletin No. 114 2019:**  
Component markers should bear the name of the equipment they identify. Component markers should have Black letters on a Safety Orange label. These markers are industrial strength vinyl labels designed to function at a service temperatures of 150° F or less. Markers will stick to a variety of insulated surfaces. Markers require a clean, dry surface and a minimum temp of 50° F when applied.

### Stock Component Marker Pricing

Size W x H	1-49	50-99	100+
24 x 3-1/2"	6.75	6.25	5.35

**To Order Stock Markers:**  
Specify part number and quantity.

### Custom Component Marker Pricing

Size W x H	1-4	5-9	10+
24 x 3-1/2"	22.95	19.25	18.60

**To Order Custom:** Specify product code ACM, wording, pressure rating (high or low), and quantity.

PART #	LEGEND	PRESS.
CA-1	ACCUMULATOR	LOW
CA-2	COMPRESSOR	HIGH
CA-14†	COMPRESSOR	LOW
CA-3	CONDENSER	HIGH
CA-15†	CONDENSER	LOW
CA-16†	CONDENSER	----
CA-4	EVAPORATOR	HIGH
CA-17†	EVAPORATOR	----
CA-5	HEAT EXCHANGER	LOW
CA-6	INTERCOOLER	LOW
CA-7	LIQ TRANSFER UNIT	HIGH
CA-8	OIL SEPARATOR	HIGH
CA-18†	OIL SEPARATOR	----
CA-10	PURGER UNIT	HIGH
CA-11	RECEIVER	HIGH
CA-19†	RECEIVER	LOW
CA-12	RECIRCULATOR	LOW
CA-20†	RECIRCULATOR	----
CA-21†	REFRIGERANT PUMP	----

† New Component Legends