

## 13A Series Of Manual Nozzles

- ▶ Nozzle Used for Utility fueling application (gravity or low pressure).

- ▶ **Materials:**

**Body:** Cast aluminum  
**Seals:** Buna-N,  
**Main stem :** Stainless steel  
**Spout:** Aluminum

- ▶ **Package:**

**Net Weight:** 0.85kg/pc  
**Gross Weight:** 1.07kg/pc  
**55x34x42.5 cm<sup>3</sup>/case of 15pc**

- ▶ **Features & Benefits:**

- ◆ **Flow rate:** 0-45 L/m ( $1\frac{3}{16}$ "")  
 0-70 L/m (1"")
- ◆ **Aluminum Body-** Light weight and easy to operate.
- ◆ **Compound lever-** two fulcrum points permit nozzle to be easily and slowly opened, then quickly opened fully. Makes topping off easy.
- ◆ **Rotary 360 inlet swivel-** prevents hose from curling up.
- ◆ **Selective concealed full hold-open rack-** means easy to setting of flow rate.
- ◆ **100% Factory Tested.**

- ▶ **Ordering Specifications:**

Product #	Inlet size	Outlet diameter
13A-01	NPT1"	13/16"
13A-02	NPT1"	1"
13A-03	BSPT1"	13/16"
13A-04	BSPT1"	1"
13A-05	NPT3/4"	13/16"
13A-06	NPT3/4"	1"
13A-07	BSPP3/4"	13/16"
13A-08	BSPP3/4"	1"



- ▶ **AILE 13A**



## A2101-11B Series Of Automatic Pressure-Sensitives Nozzles

► **AILE A2101-11B** series high-quality automatic Nozzles are designed specially for self-service prepay or card-lock system to help prevent gasoline spills. It can not be opened until the pumping system is pressurized and closes automatically when the pressure is removed. This means the AILE A2101-11B series nozzles are closed when placed back in the dispenser storage position.

► **Materials:**

**Body:** Aluminum

**Seals:** Buna-N, Viton

**Main stem seals:** Viton Cased Oil Seal / Graphite with Teflon

**Main stem:** Stainless steel

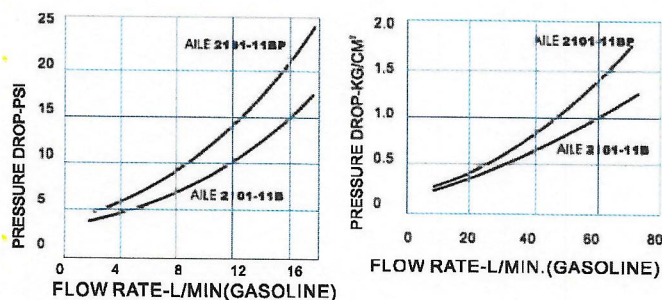
► **Package:**

**Net Weight:** 1.275kg/pc

**Gross Weight:** 1.5kg/pc

55x34x42.5 cm<sup>3</sup>/case of 15pc

37.5x34x43 cm<sup>3</sup>/case of 10pc



► **Ordering Specifications:**

Product #	Inlet size	Outlet diameter
A2101-11B	NPT3/4" / BSP3/4"	15/16"
A2101-11BP	NPT3/4" / BSP3/4"	13/16"

► **AILE A2101-11B**



► **Features & Benefits:**

◆ **AILE A2101-11B** Flow rate: 0-60 L/m (<sup>15</sup>/<sub>16</sub>" )

**AILE A2101-11BP** Flow rate: 0-45 L/m (<sup>13</sup>/<sub>16</sub>" )

◆ **Working Pressure:** 0.18Mpa

◆ **Accurate flow control-** allows your customers to top off their tank to the exact amount they want , and it's easy to stop gasoline flow precisely.

◆ **Easily replaced spout-** simply removes the screw. Spout kits are available from AILE.

◆ **Low profile aluminum body-** light weight, easier to handle, provides an attractive, image enhancing appearance.

◆ **Hold-open rack is available for full service applications**  
The one hand control means easy setting to flow rate for customer's convenience.

◆ **Exclusive Pressure Detecting Module-** the main valve can keep closed, even when held without enough pressure in hose.

◆ **Full hand insulator-** protects both nozzle and vehicle, and insulates users' hands.

◆ **Available Colors-** color chart on inside back cover

◆ **Selective splash guard.**

◆ **Selective Spout With Flowlock** - designed to shut-off automatically when the spout is tipped up, limiting spillage and " spit "

◆ **100% Factory Tested.**

► **Warning:**

Using foreign objects to hold open automatic nozzles could result in failure to shut-off and personal injury.

► **AILE A2101-11BP**





## 120L Series Of Automatic Shut-Off Nozzles

- ▶ For Heavy-Duty, High-Flow Truck stop, Bus and Fleet Service If you operate a full-service truck-stop, refuel your own fleet, or manage a card-lock refueling location, the low cost, long life and durability of the AILE 120L high flow nozzle can help increase your productivity, sales and profits.

### ▶ Materials:

**Body:** Aluminum

**Seals:** Buna-N, Viton

**Main stem seals:** Viton Cased Oil Seal / Graphite with Teflon

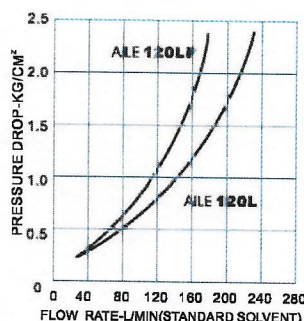
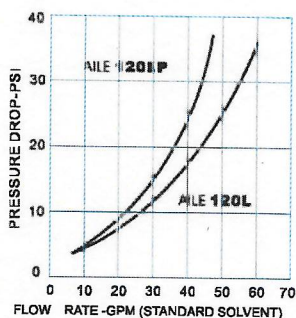
**Main stem:** Stainless steel

### ▶ Package:

**Net Weight:** 1.6kg/pc

**Gross Weight:** 1.9kg/pc

45x40x32.5cm<sup>3</sup>/case of 10pc



### ▶ Ordering Specifications:

Product #	Inlet size	Outlet diameter
120L	NPT1" / BSP1"	1 3/8"
120LP	NPT1" / BSP1"	1"

### ▶ AILE 120L



### ▶ Features & Benefits:

◆ **AILE 120L Flow rate:** 0-120L/m (1 13/16")

**AILE 120LP Flow rate:** 0-90 L/m (1")

**Working Pressure:** 0.18Mpa

◆ **AILE 120L Automatic Nozzles**

for diesel, kerosene and all kinds of gasoline service.

◆ **Even, smooth, spray pattern-** minimizes diesel foaming and false shut-offs.

◆ **Three position hold-open device-** one finger control of hold-open mechanism means easy setting of flow rate.

◆ **Easily replaced spout-** simply removes three screws. Replacement kits are available from AILE.

◆ **Spout retaining ring-** adds extra measure in securing nozzle spout in fill pipe.

◆ **Dual poppet valves-** easy to open nozzle against high pressure.

◆ **Full hand insulator-** protects both nozzle and vehicle, and insulates users' hands.

◆ **Available Colors -** color chart on inside back cover

◆ **Selective Spout With Flowlock -** designed to shut-off automatically when the spout is tipped up, limiting spillage and "spit"

◆ **100% Factory Tested.**

### ▶ Warning:

Do not use AILE-120L Nozzles with a hold-open device on prepay self-service installations. Using foreign objects to hold-open automatic nozzles could result in failure to shut-off and personal injury.

### ▶ AILE 120LP



## ZYQ-13A Series Of Automatic Nozzles

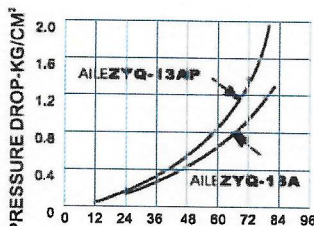
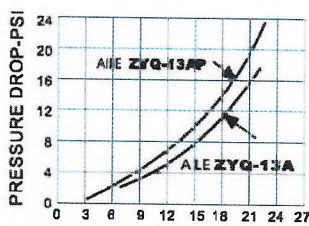
- ▶ **AILE** ZYQ-13A Automatic nozzles are designed for today's customers' ideals. Small, trim, light weight, easy and convenient to use. It is a rugged performer that offers long life and reliable service.

### ▶ Materials:

**Body:** Aluminum  
**Seals:** Buna-N, Viton, Polyurethane  
**Main stem seals:** Viton Cased Oil Seal  
**Main stem:** Stainless steel

### ▶ Package:

**Net Weight:** 1.7kg/pc  
**Gross Weight:** 2.0kg/pc  
**55x34x42.5 cm<sup>3</sup>/case of 15pc**  
**37.5x34x43 cm<sup>3</sup>/case of 10pc**



FLOW RATE -GPM (KERESENE)

FLOW RATE -L/MIN (KERESENE)

### ▶ Ordering Specifications:

Product #	Inlet size	Outlet diameter	Lever-Guard materials
ZYQ 13A	NPT3/4" / BSP3/4" / NPT1" / BSP1"	15/16"	PA66
ZYQ 13AP	NPT3/4" / BSP3/4" / NPT1" / BSP1"	13/16"	PA66
ZYQ 13A-L	NPT3/4" / BSP3/4" / NPT1" / BSP1"	15/16"	Aluminum
ZYQ 13AP-L	NPT3/4" / BSP3/4" / NPT1" / BSP1"	13/16"	Aluminum

### ▶ Features & Benefits:

- ◆ **AILE** ZYQ-13A Flow rate: 0-70 L/m (<sup>15</sup>/<sub>16</sub>" )
- ◆ **AILE** ZYQ-13AP Flow rate: 0-45 L/m (<sup>13</sup>/<sub>16</sub>" )
- ◆ **Working Pressure:** 0.18Mpa
- ◆ **Compound Main valve and bleed poppet**  
Tight structure, attractive appearance. Minimum pressure Loss and offer a maximum flow rate
- ◆ **Accurate flow control-**  
It allows customers to top off their tank to the exact amount that they want , and it's easy to stop gasoline flow precisely.
- ◆ **Easily replaced 360° rotation swivel-** prevents the hose from curling up.
- ◆ **Hold-open rack is available for full-** service applications. The one hand control means easy setting to flow rate for customer's convenience.
- ◆ **Spout with gear:** Making it to be holding on the spout of tank without hand, improving your efficiency.
- ◆ **All nozzles with Flow-lock:** designed to shut-off automatically when the spout is tripped up, limiting spillage " spit " .
- ◆ **Hand insulator-** protects both nozzle and vehicle, and insulates users' hands.
- ◆ **Available Colors-** color chart on inside back cover
- ◆ **Selective splash guard.**
- ◆ **100% Factory Tested**

### ▶ Warning:

Using foreign objects to hold open automatic nozzles could result in failure to shut-off and personal injury.

### ▶ AILE ZYQ-13A

### ▶ AILE ZYQ-13AP

### ▶ AILE ZYQ-13AP-L





## ZYQ-25A Series Of Automatic Nozzles

- ▶ **AILE®** ZYQ-25A Automatic nozzles are designed for today's customers' ideals. For Heavy-Duty, High-Flow Truck stop, Bus and Fleet Service. Light weight, easy and convenient to use. It is a rugged performer that offers long life and reliable service.

### ▶ Materials:

**Body:** Aluminum

**Seals:** Buna-N, Viton

**Main stem seals:** Viton Cased Oil Seal

**Main stem:** Stainless steel

### ▶ Package:

**Net Weight:** 1.6kg/pc

**Gross Weight:** 2.0kg/pc

**55x34x32.2 cm<sup>3</sup>/case of 10pc**

### ▶ Ordering Specifications:

Product #	Inlet size	Outlet diameter	Lever-Guard materials
ZYQ 25A-801	NPT1" male	1 3/16"	PA66
ZYQ 25A-802	NPT1" Female	1 3/16"	PA66
ZYQ 25A-803	BSPT1" male	1 3/16"	PA66
ZYQ 25A-804	BSPT1" Female	1 3/16"	PA66
ZYQ 25A-805	BSPP1" male	1 3/16"	PA66
ZYQ 25A-806	BSPP1" Female	1 3/16"	PA66
ZYQ 25A-L-821	NPT1" male	1 3/16"	Aluminum
ZYQ 25A-L-822	NPT1" Female	1 3/16"	Aluminum
ZYQ 25A-L-823	BSPT1" male	1 3/16"	Aluminum
ZYQ 25A-L-824	BSPT1" Female	1 3/16"	Aluminum
ZYQ 25A-L-825	BSPP1" male	1 3/16"	Aluminum
ZYQ 25A-L-826	BSPP1" Female	1 3/16"	Aluminum

### ▶ Features & Benefits:

- ◆ **AILE® ZYQ-25A Flow rate:** 0-120L/m(1 3/16")
- ◆ **Working Pressure:** 0.18Mpa
- ◆ **Compound Main valve and bleed poppet**  
Tight structure, attractive appearance. Minimum pressure Loss and offer a maximum flow rate
- ◆ **Accurate flow control-**  
It allows customers to top off their tank to the exact amount that they want, and it's easy to stop gasoline flow precisely.
- ◆ **Easily replaced 360° rotation swivel-** prevents the hose from curling up.
- ◆ **Hold-open rack is available for full-** service applications. The one hand control means easy setting to flow rate for customer's convenience.
- ◆ **Spout with gear:** Making it to be holding on the spout of tank without hand, improving your efficiency.
- ◆ **All nozzles with Flow-lock:** designed to shut-off automatically when the spout is tripped up, limiting spillage "spit".
- ◆ **Hand insulator-** protects both nozzle and vehicle, and insulates users' hands.
- ◆ **100% Factory Tested**

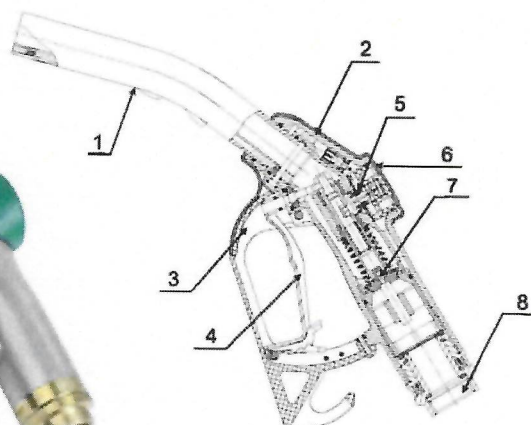
### ▶ Replacement Parts:

Key	Description	ZYQ-25A
1	Spout 1 3/16"	
2	Hand Insulator	◆
3	Lever-Guard	◆
4	Lever Assembly	◆
5	Diaphragm Assembly	◆
6	Vac Cap	◆
7	Main Valve	◆
8	Swivel BSP 1"/NPT1"	◆

### ▶ AILE® ZYQ-25A

### ▶ AILE® ZYQ-25A-L

### ▶ AILE® ZYQ-25A Nozzle Shown



## 45 Series Of Swivels

### ► AILE 45° Swivel:

- ◆ Designed for self-service application where easy nozzle and hose handing is important for customers' convenience. It is installed between the nozzle and the hose to reduce strain, provides flexibility so the fueling hose lasts long.
- ◆ 100% factory tested

### ► Materials:

**Body:** Aluminum  
**Inlet Adaptor:** Aluminum  
**Outlet Adaptor:** Brass  
**Seals:** Viton

### ► 45 Series 3/4"

**Package:**  
**Net Weight:** 0.23kg/pc  
**Gross Weight:** 0.27kg/pc  
 48x31.5x26 cm<sup>3</sup>/case of 100pc

### ► 45 Series 1"

**Package:**  
**Net Weight:** 0.3kg/pc  
**Gross Weight:** 0.34kg/pc  
 58x31.5x26 cm<sup>3</sup>/case of 100pc

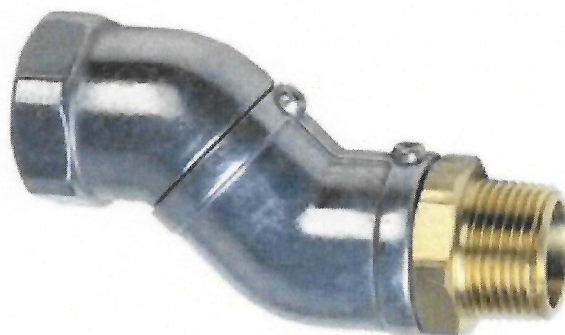
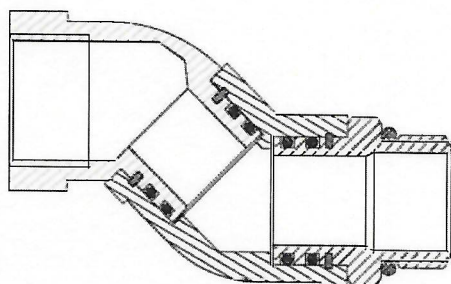
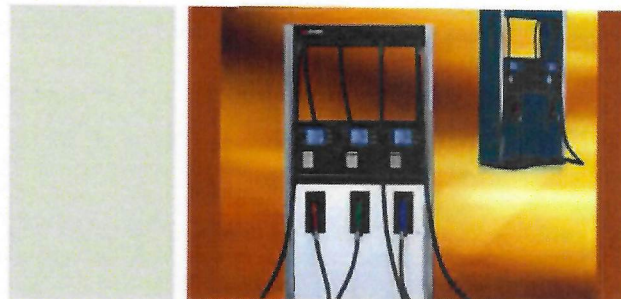
### ► AILE 45 Series

### ► Ordering Specifications:

Product #	size
AILE 45° 3/4"	NPT3/4" /BSP 3/4"
AILE 45° 1"	NPT1" / BSP1"

### ► Important:

**AILE**<sup>®</sup> Products should be used in compliance with country, province and local Laws and regulations. Products selection should be based on physical specifications and limitations and compatibility with the environment and materials to be handled. AILE Makes no warranty of fitness for a particular use. All illustrations and specifications in this literature are based on the latest products information available at the time of publication, AILE reserves the right to make changes at any time in price, materials, specifications and models and to discontinue models without notice or obligation.





## AILE 36S7 Series Swivels

- ▶ AILE 36S 7 Swivel is designed for use with fuel oil nozzle(at inter only). The AILE 36S 7 provides 360° rotation. The full-circle swivel reduces the physical strain of aligning the nozzle with fill-pipe. The different thread and different caliber can be replaced freely.

- ▶ **Materials:**  
**Body:** Aluminum  
**Bushing:** Brass  
**Seals:** Buna-N

### 36S7 Series 3/4"

- ▶ **Package:**  
**Net Weight:** 0.115kg/pc  
**Gross Weight:** 0.135kg/pc  
**34.5x22x33.5 cm<sup>3</sup>/case of 200pc**

### 36S7 Series 1"

- ▶ **Package:**  
**Net Weight:** 0.19kg/pc  
**Gross Weight:** 0.22kg/pc  
**37.5x26x31.5 cm<sup>3</sup>/case of 150pc**

### 36S7 Series 1 1/2"

- ▶ **Package:**  
**Net Weight:** 0.5kg/pc  
**Gross Weight:** 0.54kg/pc  
**39x39x23 cm<sup>3</sup>/case of 50pc**

## Ordering Specifications:

Product #	Size
36S 701	NPT3/4" (Male) × NPT3/4"(Female)
36S 702	NPT3/4" (Male) × BSP 3/4"(Female)
36S 703	NPT3/4" (Male) × NPT1"(Female)
36S 704	NPT3/4" (Male) × BSP1"(Female)
36S 705	BSP3/4" (Male) × NPT3/4"(Female)
36S 706	BSP3/4" (Male) × BSP3/4"(Female)
36S 707	BSP3/4" (Male) × NPT1"(Female)
36S 708	BSP3/4"(Male) × BSP1"(Female)
36S 709	NPT1"(Male) × NPT3/4"(Female)
36S 710	NPT1" (Male) × BSP3/4"(Female)
36S 711	NPT1" (Male) × NPT1"(Female)
36S 712	NPT1" (Male) × BSP1"(Female)
36S 713	BSP1" (Male) × NPT3/4"(Female)
36S 714	BSP1" (Male) × BSP3/4"(Female)
36S 715	BSP1" (Male) × NPT1"(Female)
36S 716	BSP1" (Male) × BSP1"(Female)
36S 717	NPT1 1/2" (Male) × NPT1 1/2" (Female)
36S 718	NPT1 1/2" (Male) × BSP1 1/2"(Female)
36S 719	BSPT1 1/2" (Male) × NPT1 1/2" (Female)
36S 720	BSPT1 1/2" (Male) × BSP1 1/2" (Female)

## ▶ AILE® 36S7 Series

