

CONTENTS

PUMPING PRINCIPLES

ENGINE COOLING

ENGINEERING TABLES

TROUBLE-SHOOTING GUIDE

INDEX

HOME

NEXT

BACK

GAS OR DIESEL PUMP DRIVEN BY COMPRESSED AIR

The Yamada air operated diaphragm pumps utilize compressed air to move gasoline or diesel at rates up to 49 gpm. The below pumps are aluminum construction and are available in 3/4" or 1" ports and with Buna (for diesel) or Viton® (for gasoline) diaphragms.

Diesel (Buna) Model Number	Gasoline (Viton) Model Number	Port Size	Minimum CFM	Max GPM at Min CFM	Maximum CFM	Max GPM at Max CFM
YA NDP-20BAN	YA NDP-20BAV	3/4"	5	15	15	28
YA NDP-25BAN	YA NDP-25BAV	1"	10	26	30	49

* CFM = cubic feet of air per minute

YAMADA



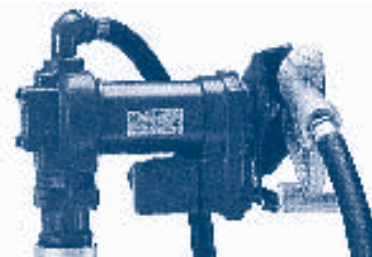
Air Driven

12 - 15 GPM, EXPLOSION PROOF, DRUM OR TANK MOUNT IN AC AND DC

These pumps by Fill-Rite come with a 2" bung adaptor, built-in check valve, 12' x 3/4" diameter Buna hose with aluminum nozzle for unleaded gas. The 12 and 24 vdc versions also come with an adjustable suction tube (22" to 40"), which is available as an option on the 115 vac model. Each pump is protected by a thermal overload. The AC model is rated continuous duty while the DC models are rated at 30 minutes duty.

Model	Voltage	GPM	Mounting	Weight
FR 1210C	12 vdc	12	2" Bung	31 lbs
FR 2410	24 vdc	12	2" Bung	31 lbs
FR FR-700	115 vac	15	2" Bung	45 lbs

FILL-RITE



115 vac, 12 vdc and 24 vdc

DIESEL PUMP W/HOSE AND NOZZLE IN 12 AND 24 VDC

The Jabsco Fuelmaster is a 12 lb. diesel pumping system that comes in a compact (17" diameter x 7" deep) size and coils into an integral storage tray. This system includes a 4 foot suction hose with a 60 mesh intake strainer, an 8 foot discharge hose with trigger type flow nozzle and shut-off valve, 8 foot power leads with spring loaded terminal clamps, an internal by-pass valve, and a thermal overload to prevent motor damage from overheating.

Model Number	Volts	GPM	Description
JA 50140-0000	12 vdc	9	Diesel transfer system (not for gasoline)
JA 50140-0100	24 vdc	9	Diesel transfer system (not for gasoline)

JABSCO



12 vdc and 24 vdc

FILTERS FOR DIESEL AND GASOLINE BY FILL-RITE

Fill-Rite diesel and gasoline "polishing" strainers are available in 3/4" and 1" ports and can handle flows up to 30 gpm. There are two elements from which to choose. A particulate filter to strain sediment and a Hydrosorb filter to remove water. Call for assistance in selecting the proper filter for your application.

Part Number	Description	Max. GPM	Port Size
FR F7018	Complete Filter for Particulates	18	3/4" FPT
FR F7013	Replacement Cartridge for Particulates	18	N/A
FR F7019	Complete Filter for Water Removal	18	3/4" FPT
FR F7012	Replacement Cartridge for Water Removal	18	N/A

FILL-RITE FILTER



Particulate or Water Removal