



 TECHNICAL DATA SHEET

  
**Inverter  
Booster  
Pump**

**I-QBO  
I-DRO**

 All-in-one systems

# Applications



# Advantages

- Constant pressure.
- Permanent magnet motor.

- Quiet operation.
- Energy-saving.

**1** year  
Limited Warranty



SINGLE-STAGE PUMP

MULTISTAGE PUMP

## Features

- Polypropylene (PP) Impeller and Diffuser.
- 304 Stainless Steel Shaft and Fasteners.
- Aluminum Pump Support.

### For model I-QBO models:

- High-Density Polyethylene (HDPE) Pump Casing.
- 5 ft Power Cord.

### For model I-DRO models:

- AISI 304 Stainless Steel Pump Casing.
- 5 ft Power Cord on 127 V~ models.



## Technical Specs

INGRESS PROTECTION

**IP45**

INSULATION CLASS

**F**

MAXIMUM ALLOWABLE VOLTAGE VARIATION

**±10%**

LIQUID TEMPERATURE RANGE

**41 - 122 °F**

SELF PRIMING UP TO

**13 ft**

pH RANGE

**6 to 8**

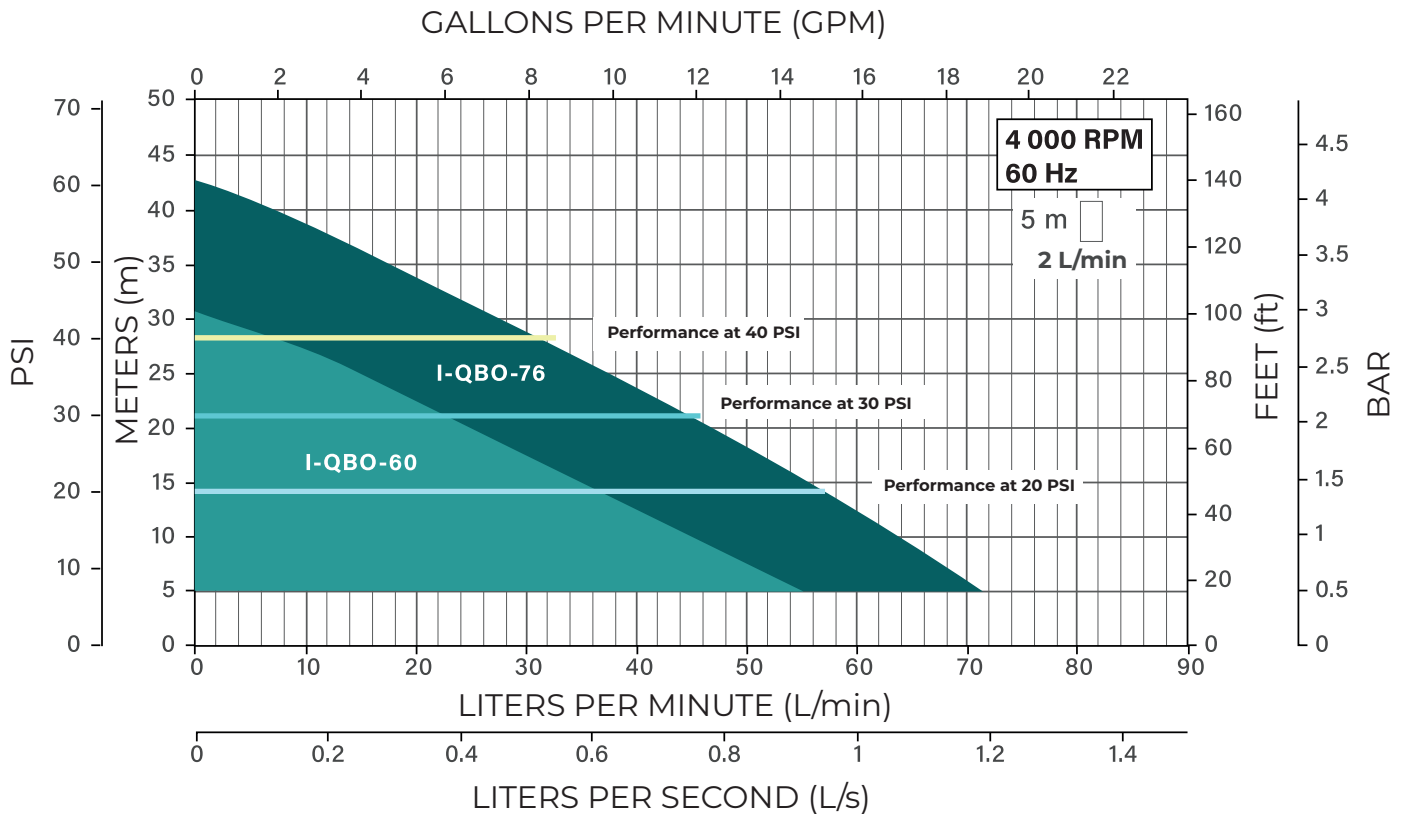
# Performance Data

GTIN-13 (E-COMMERCE CODE)	MODEL	POWER		PHASES × VOLTAGE (Ø × V~)	CURRENT (A)	SUCTION × DIAMETER (in)	*MRD (in)	MAXIMUM PERFORMANCE				**RECOMMENDED FOR	
		HP	kW					FLOW RATE		HEAD		BATHROOMS (APPROX.)	FAUCETS (MAX.)
								L/min	GPM	m	ft		
7503052037336	I-QBO-60-127	0.4	0.3	1 × 127	4.5	1 NPT	1.25 NPT	55	14.5	31	102	2 - 3	9
7503052037343	I-QBO-76-127	0.7	0.5		6.6			71	18.8	43	141	3 - 4	14

## Note:

\* Minimum recommended diameter for suction piping.

\*\* The recommended data are estimated values based on the flow rate of the pressurizer (1 GPM = 1 faucet, 3 GPM = 1 bathroom). Values may vary depending on installation conditions.



# Dimensions and Weight

MODEL	DIMENSIONS (in)			WEIGHT (lb)
	LENGTH	WIDTH	HEIGHT	
I-QBO-60-127	13.0	11.0	8.1	14.6
I-QBO-76-127				15.7

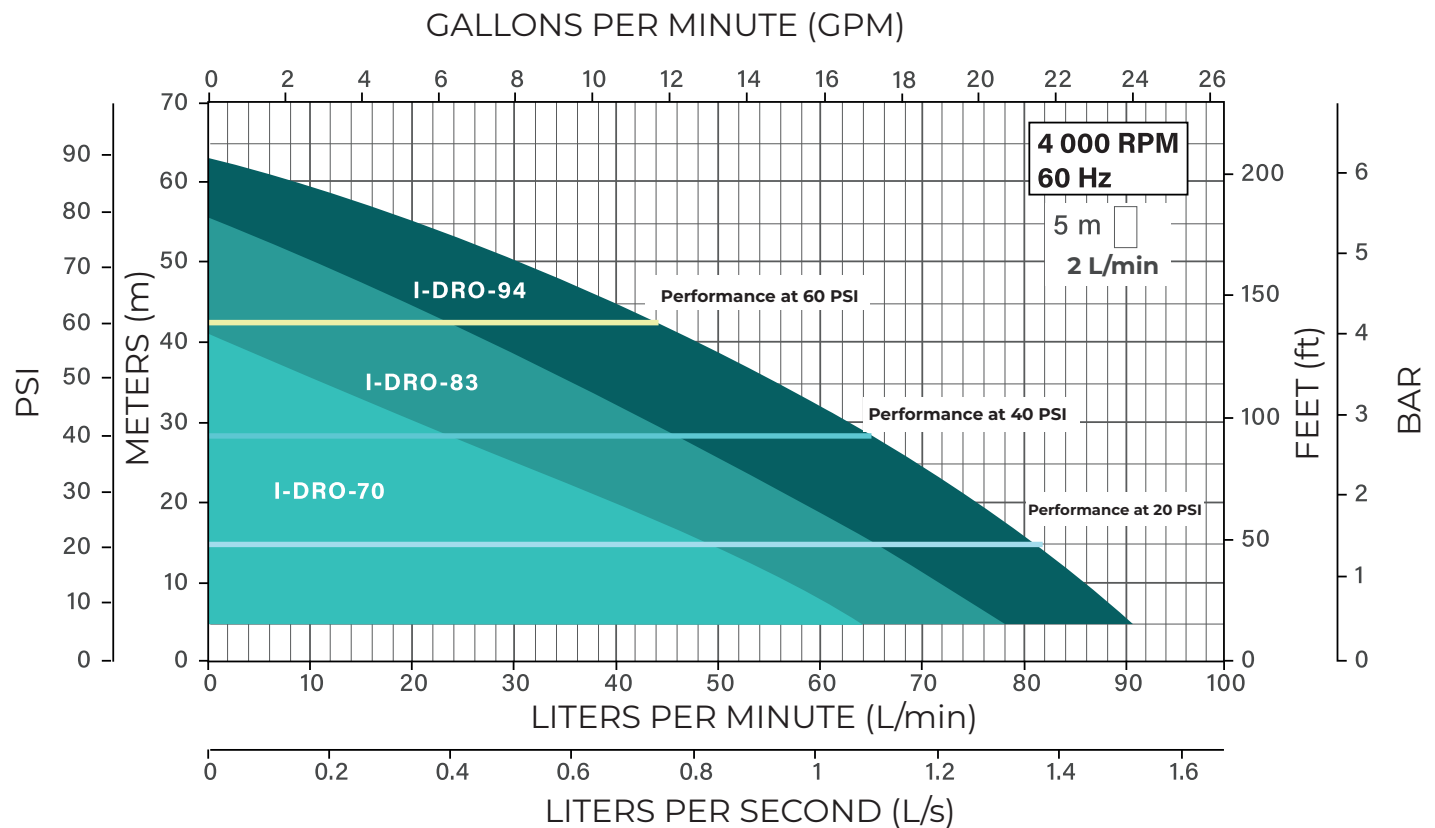
## Performance Data

GTIN-13 (E-COMMERCE CODE)	MODEL	POWER		PHASES × VOLTAGE (Ø × V~)	CURRENT (A)	SUCTION × DIAMETER (in)	*MRD (in)	MAXIMUM PERFORMANCE				**RECOMMENDED FOR	
		HP	kW					FLOW RATE		HEAD		BATHROOMS (APPROX.)	FAUCETS (MAX.)
								L/min	GPM	m	ft		
7503052037404	I-DRO-70-127	0.5	0.37	1 × 127	3.6	1 NPT	1.25 NPT	64	16.9	40	131	3 - 4	13
7503052037411	I-DRO-83-127	0.75	0.55		4.6			78	20.6	53	174	4 - 5	17
7503052037428	I-DRO-94-230	1.2	0.88	1 × 230	4.2			90	23.9	63	207	6 - 7	21

### Note:

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## Dimensions and Weight

MODEL	DIMENSIONS (in)			WEIGHT (lb)
	LENGTH	WIDTH	HEIGHT	
I-DRO-70-127	15.4	7.7	11.4	18.1
I-DRO-83-127				19.0
I-DRO-94-230				20.5