



# Iwaki RD-20 - 24 VDC - 240GPH - 900 L/hr. - Canned Motor Pump

Special Price  
**\$220.46** was  
**\$244.95**

## Product Images





## Short Description

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Iwaki America, the world leader in centrifugal mag-drive pumps is proud to offer the latest in seal-less pump technology. Recognizing the trend toward DC power and compact, long-life pumps for fluid recirculation, we have developed products without peers. Our new pumps are smaller, offer higher pressure, and last significantly longer than any traditional designs. Our NRD series design features small canned motor centrifugal pumps powered by brushless DC motors. They are incredibly compact, lightweight and quiet. A variety of features, including a seal-less design to prevent leakage, enable the pumps to meet a full spectrum of user needs, with emphasis on ease of installation, operation and maintenance.

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#### Benefits:

- Easy to Integrate - DC Power, 24 volt, DC brushless motors with integral controllers make wiring and regulatory compliance easy. 12 VDC option available for OEM applications, contact Iwaki America for details.
- Easy to live with - Brushless motors and our superior engineering offer design lives in excess of 25K hours.
- Easy to fit - Our unique, canned motor design offers the most compact package available. Even heads-up mounting into a reservoir is possible, making it easy to find a home for this pump.
- Easy on your budget - Our pumps offer unmatched value! There are no parts kits because you won't be needing them.
- Easy on your ears - Our pumps have sound levels as low as 40dB. We can easily provide test data for each of our models.

## Features

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#### Features:

- Eliminate maintenance costs  
Superior engineering combined with built-in safety, NRD is designed to last the life of your system; no service calls or parts kits required.
- Ease of integration  
BLDC motors with integral driver/controller simplifies wiring and UL regulatory compliance. NRD's multiple mounting configurations, make it easy to find a home for this pump.
- Precision temperature control  
NRD's unique dual bearing system reduces heat generation and helps your system maintain temperature accuracy.
- Reduce system size  
NRD's canned motor design offers the most compact package available.
- Extend system life  
Manufactured under strict ISO 9001/14001 quality standards and assembled with the most chemically-inert materials, NRD pump life will typically exceed 25K hours.
- Reduce system noise  
With documented sound levels at 40 dB or lower, NRD allows for whisper quiet operation.

## Specifications

Specifications:

Model	Connection sizes		Max flow GPM (L/min)	Max head FT (m)	Max Specific Gravity	Motor		Weight lbs (kg)
	Suction Inches (mm)	Discharge Inches (mm)				Power (V)	Rated output (W)	
NRD-20	0.83 (21)	0.67 (17)	5.2 (19.5)	27.9 (8.5)	1.0	DC24	28	2.6 (1.2)
	R 1/2	R 3/8						
	1/2 NPT	3/8 NPT						

- Input Voltage: 24V DC
- Nominal Power Consumption (at 24V): 2.5A (60W)
- Max. Head Pressure: 26 feet (8m -- 11.27 PSIG)
- Max. Discharge (Flow): 4 US Gal./min. (240GPH -- 900 L/hr.)
- Min. Starting Voltage: 22V DC
- Max. Input Voltage: 26V DC
- Bearing/Motor Type: Carbon bearing/ceramic spindle, direct EM-drive (brushless, electronically commutated)
- Max. Fluid Temp: 60°C
- Wire: 4-Pin Molex
- Fitting Size: 18mm (0.71")
- Size: 4.41" x 4.69" x 4.33"

\* Note: To operate this pump, you will need either a suitable 12V DC to 24V DC DC/DC converter or a dedicated, single output 24V power supply (such as the Meanwell S-150-24). Or choose from converter options below.

## Additional Information

Brand	Iwaki
SKU	RD-20-D
Weight	3.5000
Color	Black
Pump Type	Other
Pump Voltage	24VDC
Internet Reviews	0
Special Price	\$220.46

