



HVR-SERIES®

FOR USE WITH E-ONE GRINDER PACKAGES



FULLY ASSEMBLED AND
READY TO DROP IN PLACE



PATENTED AXIAL CUTTER SLICES
THROUGH DEBRIS WITHOUT
CLOGGING OR ROPING



SINGLE-STAGE CENTRIFUGAL
DESIGN FOR LONG LIFE AND
LOWER MAINTENANCE COSTS

RETROFIT SYSTEM

WWW.HYDROMATIC.COM

HYDROMATIC HVR-SERIES® RETROFIT SYSTEM

The Hydromatic HVR-series retrofit systems are designed with the installer and end user in mind by fitting into any grinder wet well produced by Environment One.

The Hydromatic patented axial cutter design and semi-open impeller effectively macerate challenging sewage solids into a fine slurry.

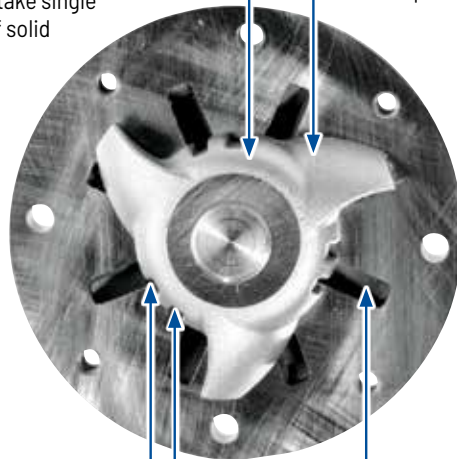
The Hydromatic HVR200 grinders feature a patented axial cutter technology that easily slices through solids and trash found in domestic wastewater without roping or clogging.

ROUNDED HUB AND BLADE

- Deflects large materials preventing blockage of inlet slots.
- Allows blades to take single small bites out of solid material.

BLADE GEOMETRY

- Unique blade curvature optimizes cutting angle creating a scissor like cutting action that minimizes torque required to cut.



UNDERCUTS

- Removes stringy or uncut material preventing clogging during start-up

440 STAINLESS STEEL MATERIAL

- 57-60 Rockwell C hardness ensures years of maintenance-free operation under normal operating conditions

INLET SLOTS

- Sharp edges aid in scissor cutting action
- Funnel geometry provides increased fluid velocity preventing buildup of solids on cutting mechanism and bottom of basin

SST Hanger

Simplified design eliminates need to enter wet well or tighten bolts to secure grinder pump inside the basin. Simply set in place and you're done.

Pump

HVR200 series, with patented axial cutter to easily slice through solids and trash without roping or clogging

Features & Benefits

- Fully assembled and ready to drop in place
- Patented axial cutter slices through debris without clogging or roping
- Single-stage centrifugal design for long life and lower maintenance costs
- Stainless steel gooseneck discharge and hanger fit into existing basin
- NEMA6P control/JBox prewired with electrical quick disconnect to mate to existing wiring connection with choice of plug types
- Cast-iron check valve and SST anti-siphon valve included in discharge piping

Check valve/ anti-siphon valve

Heavy-duty, cast iron check valve with stainless steel anti-siphon valve.

E.Q.D. connectors

Option of either square or round plug style allows for hookup with any existing E-one grinder controls

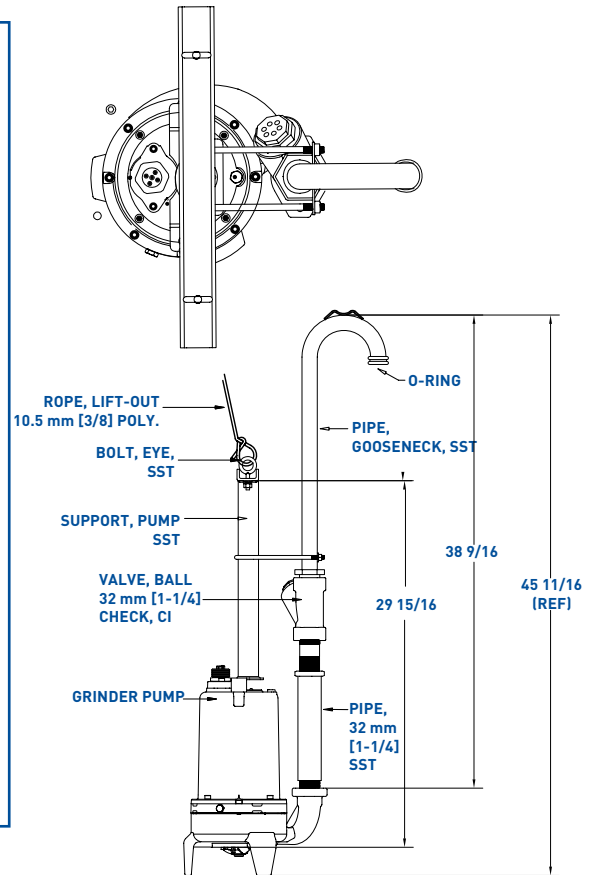
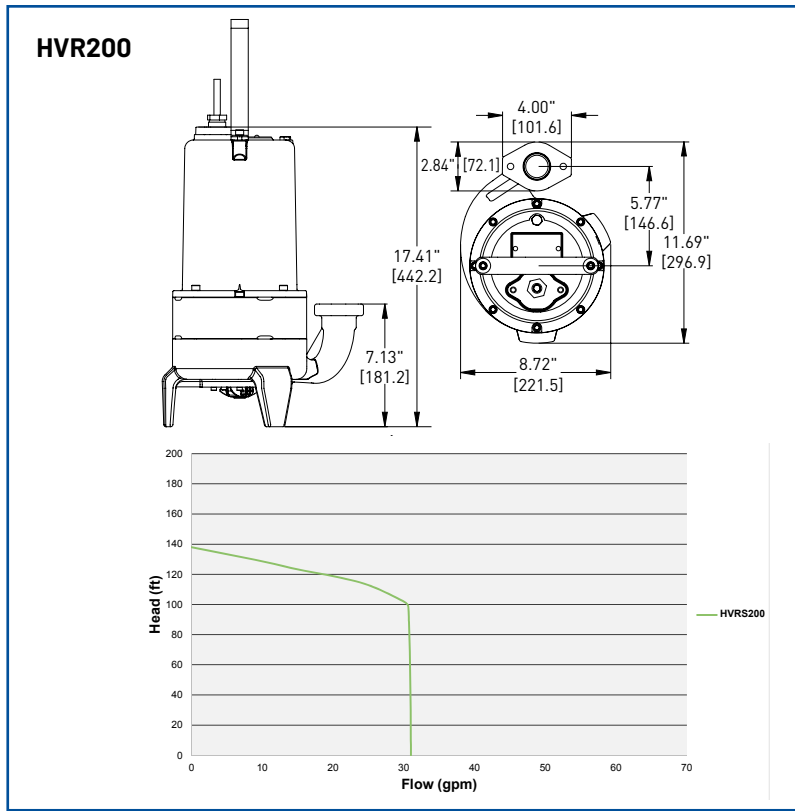
Jbox

Junction/control box allows for location of controls at installer's discretion - no need to place inside wet well.



The E.Q.D. is prewired with electrical quick disconnect to easily wire into existing system.

Performance Data and Dimensions



TURNKEY PACKAGES

TYPE	GRINDER	JUNCTION BOX	CAT#	PACKAGE INCLUDES
AUTO STD FLOW	HVR200A2-2	Square Plug	HVR200-2TRE	Pump, Junction Box, Floats, Piping, SST Hanger, Rope
		Round Plug	HVR200-2TRES	Pump, Junction Box, Floats, Piping, SST Hanger, Rope

See HVR200 series grinder literature for complete pump specifications



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