General Features
The model WH472 or WR472 grinder pump station is a complete unit that includes: two grinder pumps, check valve, polyethylene tank, controls, and alarm panel. Designed specifically for higher-flow applications where local codes dictate higher storage requirements. The lower portion of the tank has a smaller diameter, tapered down to a dish-shaped bottom. The tank access opening is ideally sized for smaller diameter, low-profile covers for minimal “footprint.”

- Rated for flows of 3500 gpd (13,249 lpd)
- 476 gallons (1802 liters) of capacity
- Standard outdoor heights range from 77 inches to 122 inches

The WH472 is the “hardwired,” or “wired,” model where a cable connects the motor controls to the level controls through watertight penetrations.

The WR472 is the “radio frequency identification” (RFID), or “wireless,” model that uses wireless technology to communicate between the level controls and the motor controls.

Operational Information
Motor
1 hp, 1,725 rpm, high torque, capacitor start, thermally protected, 120/240V, 60 Hz, 1 phase

Inlet Connections
4-inch inlet grommet standard for DWV pipe. Other inlet configurations available from the factory.

Discharge Connections
Pump discharge terminates in 1.25-inch NPT female thread. Can easily be adapted to 1.25-inch PVC pipe or any other material required by local codes.

Discharge
15 gpm at 0 psig (0.95 lps at 0 m)
11 gpm at 40 psig (0.69 lps at 28 m)
7.8 gpm at 80 psig (0.49 lps at 56 m)

Accessories
E/One requires that the Uni-Lateral, E/One’s own stainless steel check valve, be installed between the grinder pump station and the street main for added protection against backflow.

Alarm panels are available with a variety of options, from basic monitoring to advanced notice of service requirements.

The Remote Sentry is ideal for installations where the alarm panel may be hidden from view.
CONCRETE BALLAST MAY BE REQUIRED
SEE INSTALLATION INSTRUCTIONS
FOR DETAILS

NOTE: DIMENSIONS ARE FOR REFERENCE ONLY

MODEL WH472 / WR472
DETAIL SHEET

NA0223P02
CONCRETE BALLAST MAY BE REQUIRED
SEE INSTALLATION INSTRUCTIONS
FOR DETAILS

NOTE: DIMENSIONS ARE FOR REFERENCE ONLY
OPTIONS: □ WH472-92 (HARD WIRED LEVEL CONTROLS)
□ WR472-92 (WIRELESS LEVEL CONTROLS)

GRADE MUST SLOPE AWAY FROM STATION

GRADE

48.9” (1242 mm) COVER OVER DISCH

57.8” (1468 mm) INVERT DEPTH

93.0” (2362 mm)

38.4” (975 mm) DISCH

32.8” (833 mm) INLET

DISCHARGE: 1-1/4 NPT, SS

Ø 47.5” (1207 mm)

Ø 51.4” (1306 mm)

INLET: EPDM GROMMET FOR 4” DWV PIPE (STANDARD)

CONCRETE BALLAST MAY BE REQUIRED
SEE INSTALLATION INSTRUCTIONS FOR DETAILS

NOTE: DIMENSIONS ARE FOR REFERENCE ONLY

SOS PD 12/28/10 B 1/16
DR BY CHK’D DATE ISSUE SCALE

MODEL WH472-92 / WR472-92

NA0223P04

eone
SEWER SYSTEMS
OPTIONS: □ WH472-122 (HARD WIRED LEVEL CONTROLS) □ WR472-122 (WIRELESS LEVEL CONTROLS)

GRADE MUST SLOPE AWAY FROM STATION

78.7" (1999 mm) COVER OVER DISCH

87.6" (2225 mm) INVERT DEPTH

122.8" (3119 mm)

38.4" (975 mm) DISCH

Ø 47.5" (1207 mm) Ø 51.4" (1306 mm)

INLET: EPDM GROMMET FOR 4" DWV PIPE (STANDARD)

CONCRETE BALLAST MAY BE REQUIRED
SEE INSTALLATION INSTRUCTIONS FOR DETAILS

NOTE: DIMENSIONS ARE FOR REFERENCE ONLY

MODEL: WH472-122 / WR472-122

NA0223P05