

# 111091

# **General Features**

The model IH091 ("Indoor Station") grinder pump station is a complete unit that includes: the grinder pump, check valve, polyethylene tank, controls, and alarm panel. The IH091 was designed specifically for new home construction.

- 91 gallons (344 liters) of capacity
- On-slab or in-slab installation
- Designed specifically for indoor installation in the mechanical room of the home

The IH091 uses a cable that connects the motor controls to the level controls through watertight penetrations.

# **Operational Information**

# Motor

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

# Inlet Connections

4-inch PVC socket weld

#### 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)

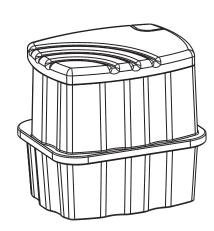
7.8 gpm at 80 psig (0.49 lps at 56 m)

# 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.



NA0056P02 **IH091 INLET GATE VALVE** DISCHARGE 4in SOCKET WELD, 1-1/4in BALL PVC VALVE, PVC CHECK VALVE-35in COVER, HDPE ANTI-SIPHON 1-1/4in FPT [898mm] (NORYL) CONNECTION BASIN, HDPE-TO ALARM PANEL 14/6 CABLE 28in **ALARM** 711mm ON 19.4in **IN-SLAB** OFF 19.7in 493mm **BURIAL** 14.4in 500mm DEPTH [366mm] 63 gal 47 gal SEMI-POSITIVE 29in DISPLACEMENT TYPE 11.9in PUMP, DIRECTLY 737mm [302mm] DRIVEN BY A 1 HP **PUMP** 38 gal 37in [940mm] **VENTING INSTALL** LOCATION-JVL 8/5/2024 В DR BY CHK'D DATE ISSUE SCALE **SEWER SYSTEMS** IH091 STATION, DETAIL SHEET NA0056P02 BASIN CAPACITY = 91 GALLONS