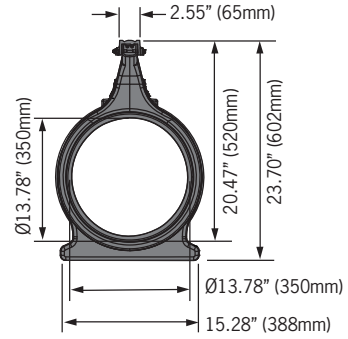
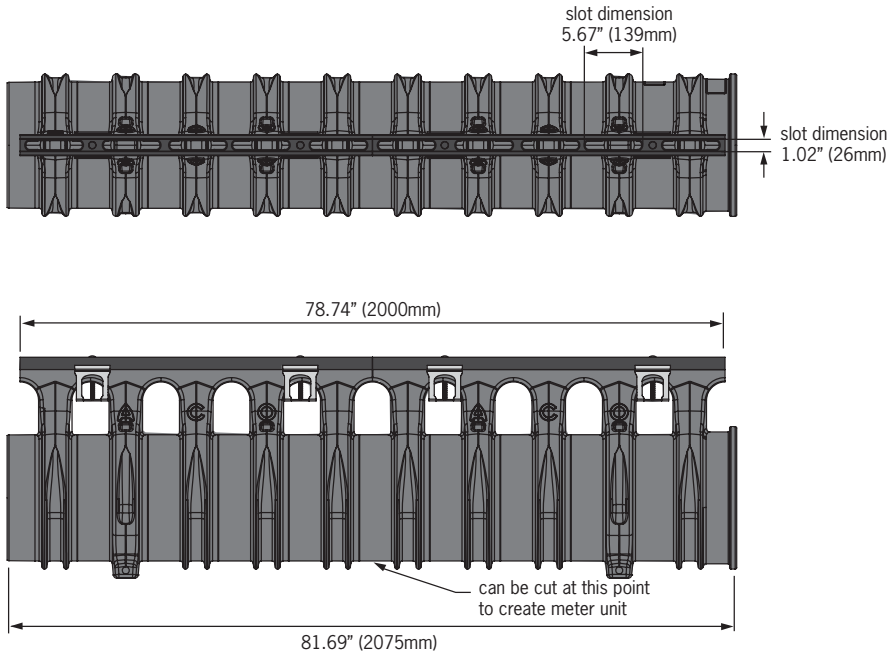
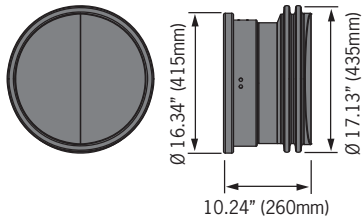


Qmax - 350 channel with Q-Flow ductile iron rail

Two meter channel



End Cap



ACO Specification Information

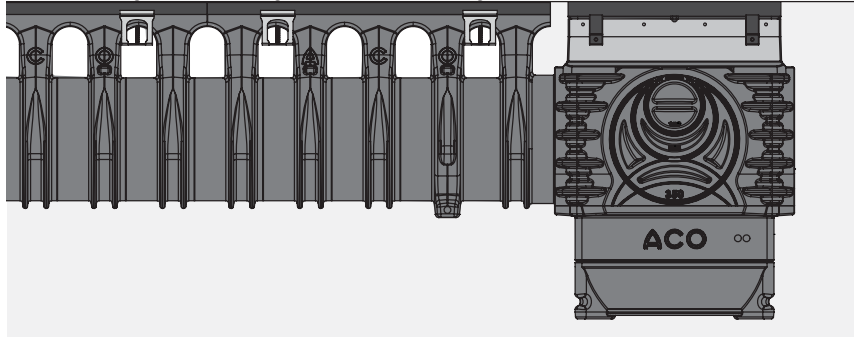
ACO INFRASTRUCTURE

Qmax - 350 channel with Q-Flow ductile iron rail



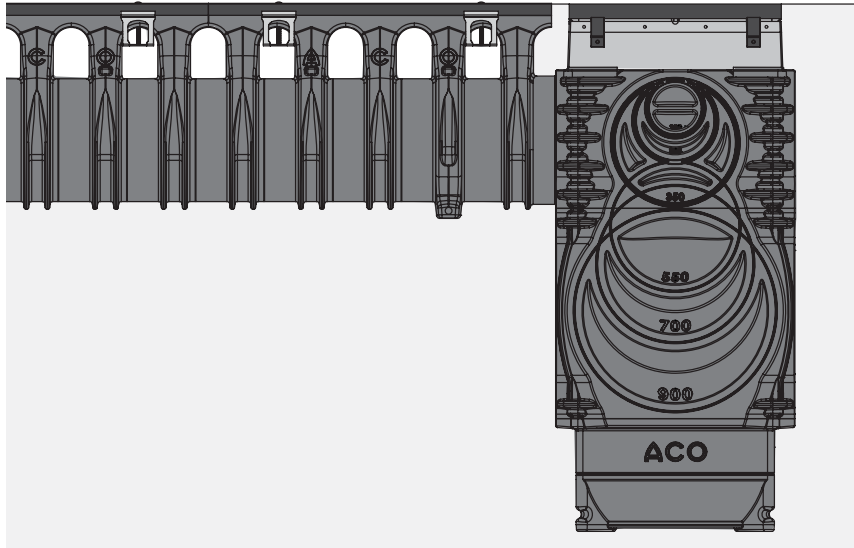
Description	Part No	Invert inches	Wgt lbs
Qmax® 350 channel with Q-Flow ductile iron rail - 78.75" (2000mm)	32810	21.65	62.3
Accessories			
Qmax 350 End cap assembly	42351	-	5.7

Typical Qmax 350 connection to catch basin



Qmax 350 channel

Qmax Catch Basin (short)
-see appropriate Spec Info



Qmax 350 channel

Qmax Catch Basin (deep)
-see appropriate Spec Info

Specifications

General

The surface drainage system shall be ACO Qmax 350 with ductile iron Q-Flow top as manufactured by ACO Polymer Products, Inc. or equal approved.

Materials

The trench system bodies shall be manufactured from medium density polyethylene with:

Compressive strength: 8,450 psi
Flexural strength: 2,224 psi
Water absorption 0.31%

The nominal clear opening shall be 13.78" (350mm) with unit overall width of 15.28" (388mm). Units shall be manufactured with a neutral invert of 21.65" (550mm). Each unit will feature a full radius in the channel bottom and a male to female interconnecting end profile, a rubber seal shall be fitted to the bell end of the channel unit. Units shall have molded anchoring features on the outside wall to ensure maximum mechanical bond to the surrounding bedding material and pavement surface.

Grate Unit

Grates shall be factory fitted to MDPE bodies to provide a monolithic unit. Water intake area per 2 meter unit will be 58.20in² (37,550mm²)

Catch Basin

See appropriate spec info for catch basin information.

Installation

The trench drain system shall be installed in accordance with the manufacturer's installation instructions and recommendations.

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