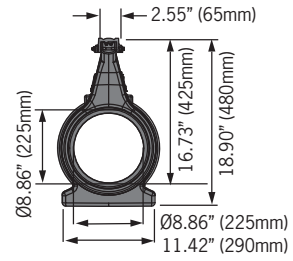
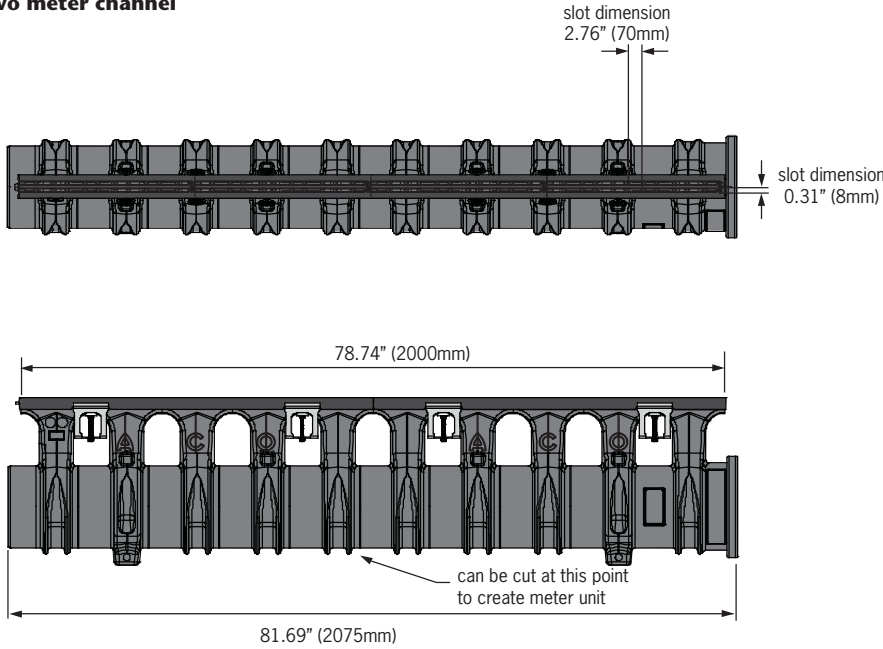
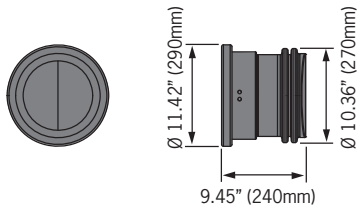


Qmax - 225 channel with Q-Guard ductile iron rail

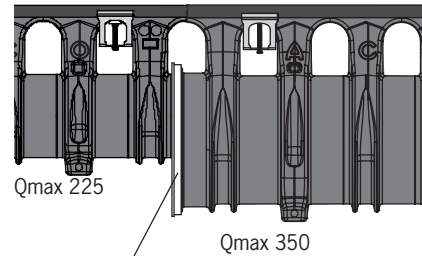
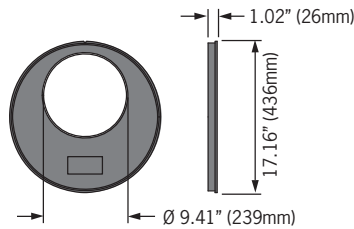
Two meter channel



End Cap



Qmax 225 to Qmax 350 system connector plate



System connector plate (white for illustration only)

ACO Specification Information

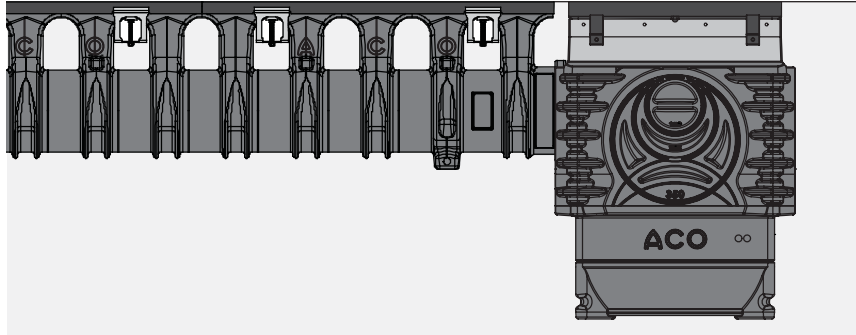
ACO INFRASTRUCTURE

Qmax - 225 channel with Q-Guard ductile iron rail



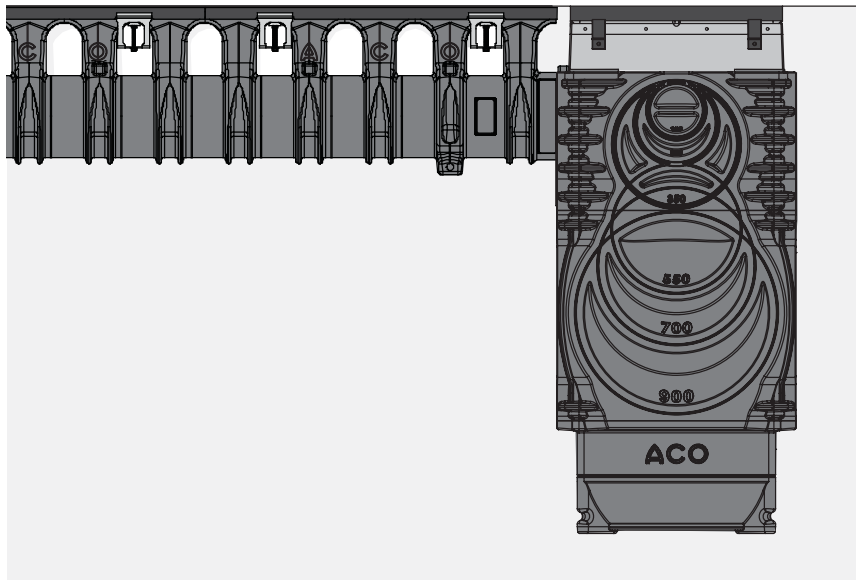
Description	Part No	Invert inches	Wgt lbs
Qmax® 225 channel with Q-Guard ductile iron rail - 78.75" (2000mm)	32801	16.73	55.0
Accessories			
Qmax 225 End cap assembly	42221	-	3.1
Qmax 225 to Qmax® 350 System connector plate	32880	-	1.8

Typical Qmax 225 connection to catch basin



Qmax 225 channel

Qmax Catch Basin (short)
-see appropriate Spec Info



Qmax 225 channel

Qmax Catch Basin (deep)
-see appropriate Spec Info

Specifications

General

The surface drainage system shall be ACO Qmax 225 with ductile iron Q-Guard ADA compliant 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 8.86" (225mm) with unit overall width of 11.42" (290mm). Units shall be manufactured with a neutral invert of 16.73" (425mm). 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 33.87in² (21,850mm²)

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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