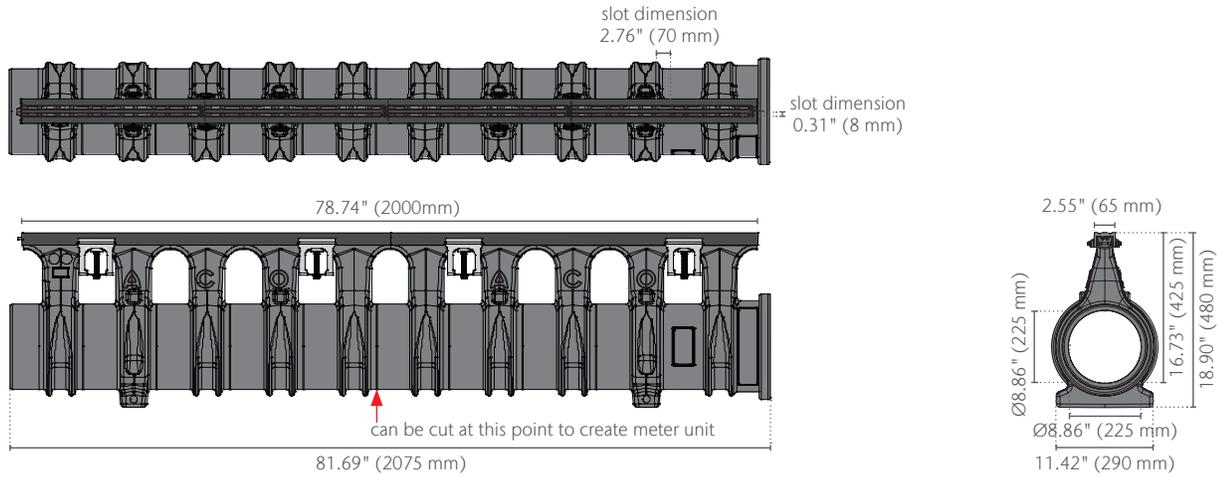


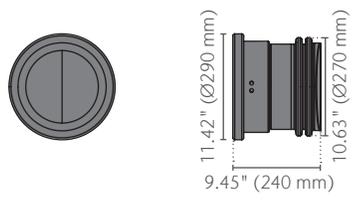
# 225 Channel with Q-Guard Ductile Iron Rail Spec Sheet



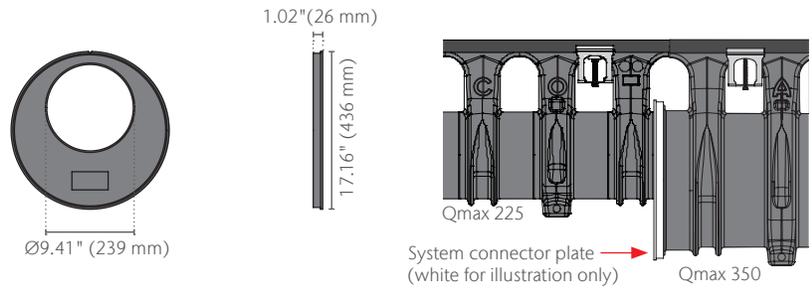
## Two Meter Channel



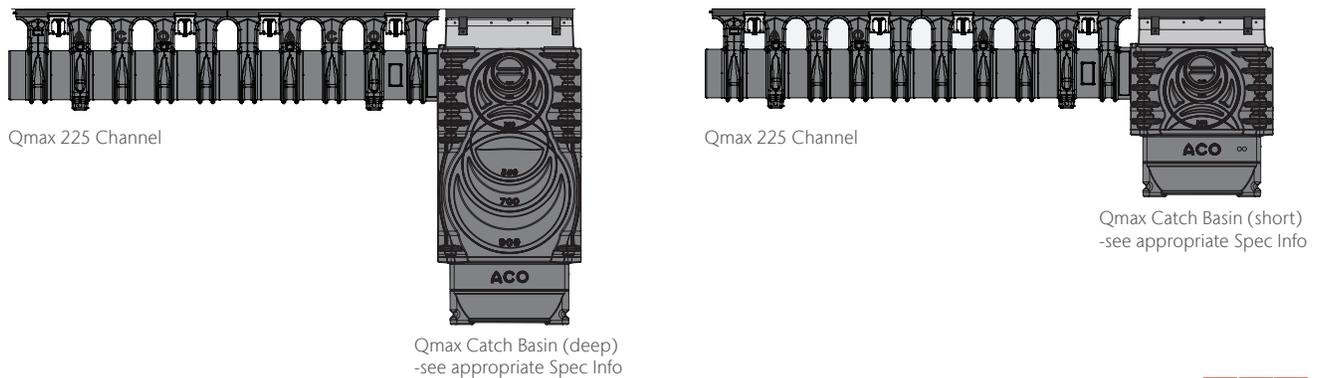
## End Cap



## Qmax 225 to Qmax 350 systems connector plate



## Typical Qmax 225 connection to catch basin



# 225 Channel with Q-Guard Ductile Iron Rail Spec Sheet



Product Name	Part No.	Invert Depth in (mm)	Weight lbs
Qmax 225 Channel with Q-Guard Ductile Iron Rail - 78.75" (2000 mm)	<b>32801</b>	16.73	55.0
Accessories			
Qmax 225 End Cap Assembly	<b>42221</b>	-	3.1
Qmax 225 to Qmax 350 System Connector Plate	<b>32880</b>	-	1.8

## Specification Summary

### General

The surface drainage system shall be ACO Qmax 225 with Ductile Iron Q-Guard ADA compliant top as manufactured by ACO, Inc. or equal approved.

### Grates

Grates shall be factory fitted to MDPE bodies to provide a monolithic unit. Water intake area per 2 meter unit will be 33.87 in<sup>2</sup> (21,850 mm<sup>2</sup>)

### 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.

### 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" (225 mm) with unit overall width of 11.42" (290 mm). Units shall be manufactured with a neutral invert of 16.73" (425 mm). 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.

 ADA-compliant per The Americans with Disabilities Act of 2010, Section 302.3

 EN1433 Load Class F  
202,328 lbs – 4,177 psi

## ACO, Inc.

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All reasonable care has been taken in compiling the information in this document. All recommendations and suggestions on the use of ACO products are made without guarantee since the conditions of use are beyond the control of the company. It is the customer's responsibility to ensure that each product is fit for its intended purpose and that the actual conditions of use are suitable. ACO, Inc. reserves the right to change products and specifications without notice.



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