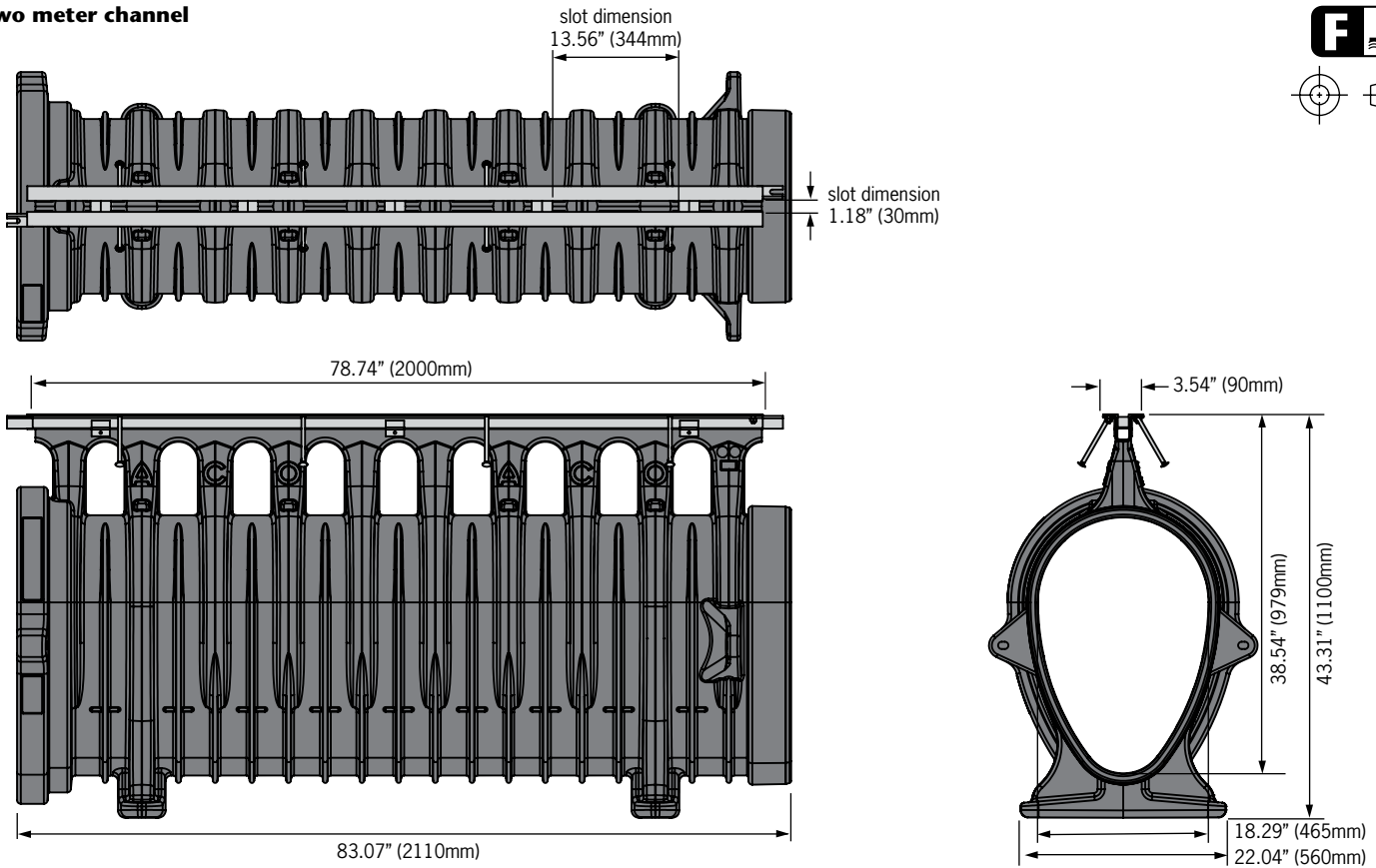
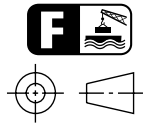
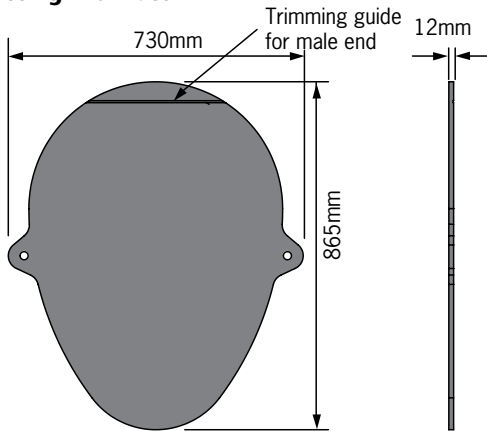


**Qmax - 465 channel with Q-Flow galvanized steel rail**

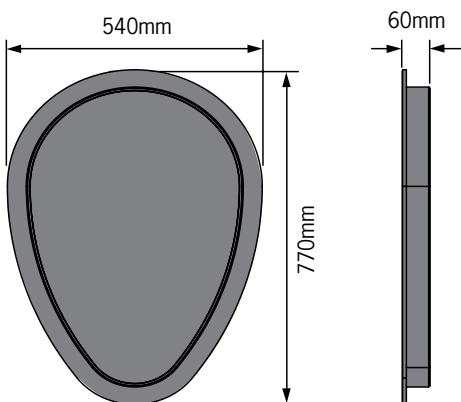
**Two meter channel**



**Closing End Plate**

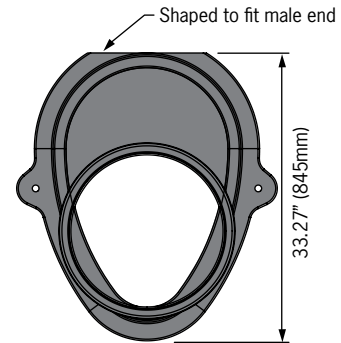
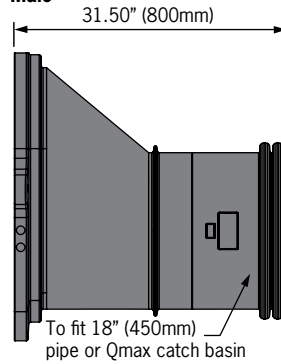


**Closing End Cap**

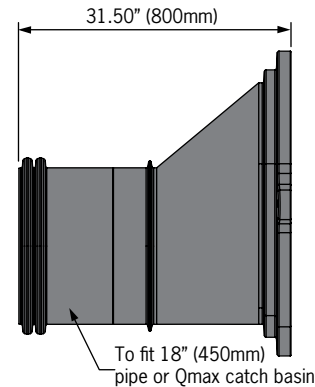
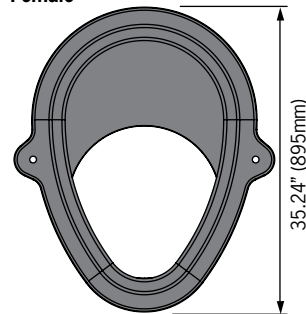


**Outlet flume/catch basin connectors**

**Male**



**Female**



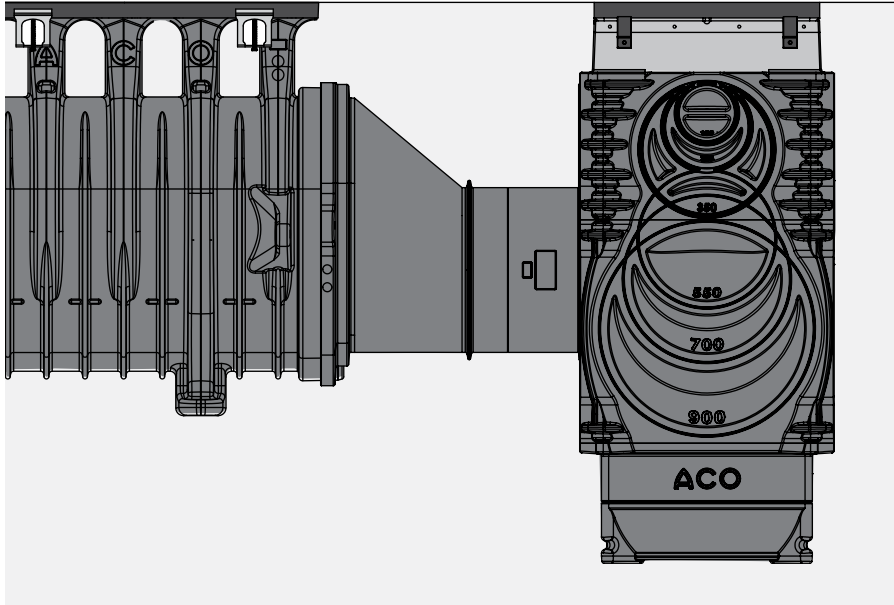
**Qmax - 465 channel with Q-Flow galvanized steel rail**



ACO Specification Information

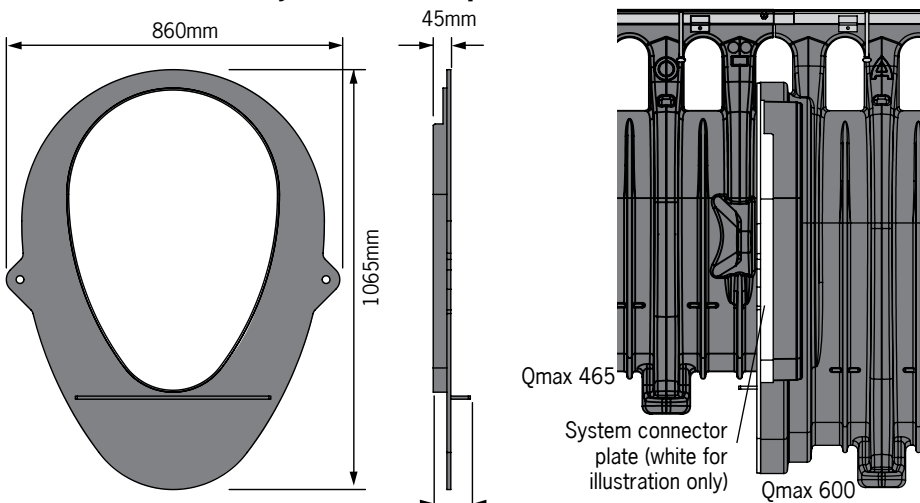
Description	Part	Invert	Wgt
	No	inches	lbs
Qmax® 465 channel with Q-Flow galvanized steel rail - 78.75" (2000mm)	<b>32832</b>	38.54	92.2
<b>Accessories</b>			
Qmax® 465 Closing end plate (Fits male or female end of uncut channels)	<b>32835</b>	-	10.8
Qmax® 465 Closing end cap (Easy push fit cap for cut channel ends)	<b>32887</b>	-	6.8
Qmax® 465 to Qmax 600® System connector plate	<b>32883</b>	-	8.1
Qmax® 465 Outlet flume/catch basin connector (male)	<b>44362</b>	-	16.9
Qmax® 465 Outlet flume/catch basin connector (female)	<b>44363</b>	-	17.2

**Typical Qmax 465 connection to catch basin**



Qmax 465 channel      Outlet flume/catch basin connector (female)      Qmax Catch Basin (tall) -see appropriate Spec Info

**Qmax 465 to Qmax 600 system connector plate**



Qmax 465      System connector plate (white for illustration only)      Qmax 600

**Specifications**

**General**

The surface drainage system shall be ACO Qmax 465 with galvanized steel Q-Flow top as manufactured by ACO, 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 18.29" (465mm) with unit overall width of 22.04" (560mm). Units shall be manufactured with a neutral invert of 38.54" (979mm). 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 93.50in<sup>2</sup> (60,320mm<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.

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