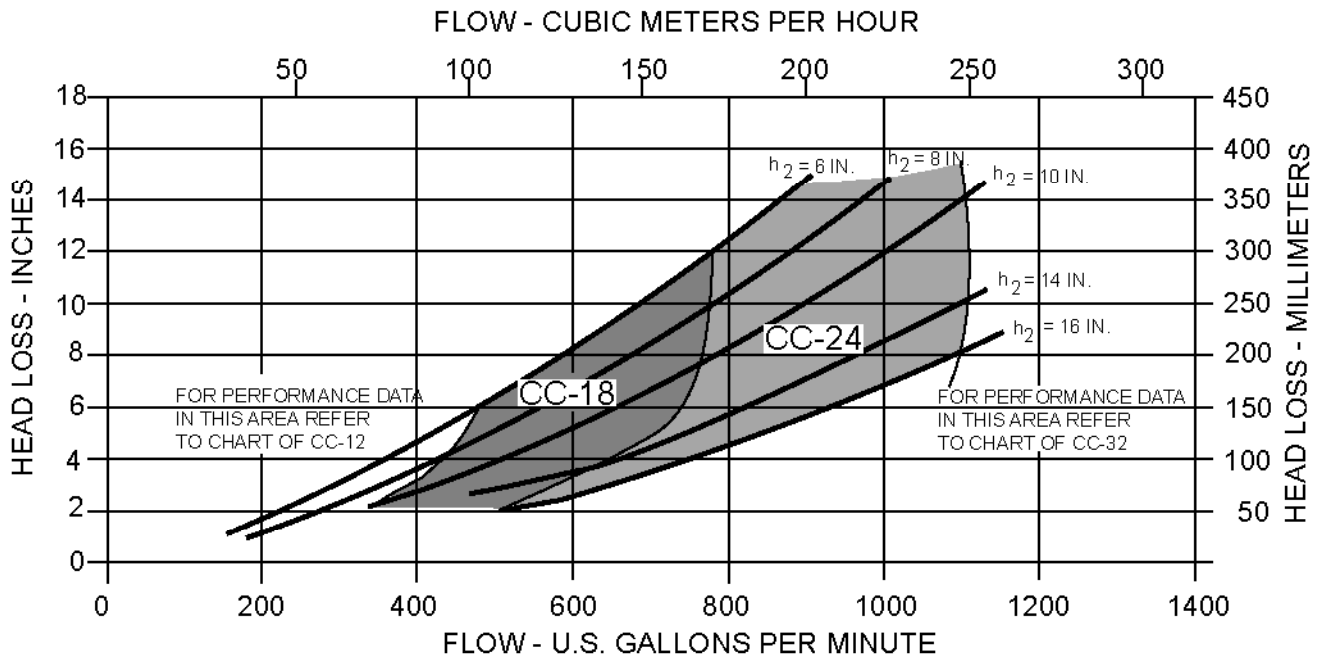




SECTION  
7671.4

TECHNICAL DATA	PERFORMANCE DATA	
SHEET	OF	SHEETS
HEAD LOSS IN CHANNEL CHEWER		
SHOP ORDER NUMBER:		
JOB:		

## Model CC-18 and CC-24



THE ABOVE CHART WILL DETERMINE THE CHANNEL CHEWER TO BE USED.

1. ESTABLISH THE ANTICIPATED FLOW RATE AND THE WATER DEPTH ( $h_2$ ) PRIOR TO THE INSTALLATION OF THE CHANNEL CHEWER.
2. THE INTERSECTION WILL DETERMINE THE SIZE OF CHANNEL CHEWER AND THE RESULTANT HEAD LOSS.
3. THE **DOWNSTREAM** WATER DEPTH ( $h_2$ ) PLUS HEAD LOSS WILL ESTABLISH THE **INFLOW** WATER DEPTH.

EXAMPLE: FLOW RATE = 1000 USGPM  
WATER DEPTH ( $h_2$ ) = 10 IN.

USE MODEL CC-24 HEAD LOSS = 12 IN.  
INFLOW WATER LEVEL  $10 + 12 = 22$  IN.

REFER TO DRAWING NO.109237 PAGE 701 FOR MOUNTING DIMENSIONS.

THE ABOVE DATA IS BASED ON CLEAR WATER TESTS.