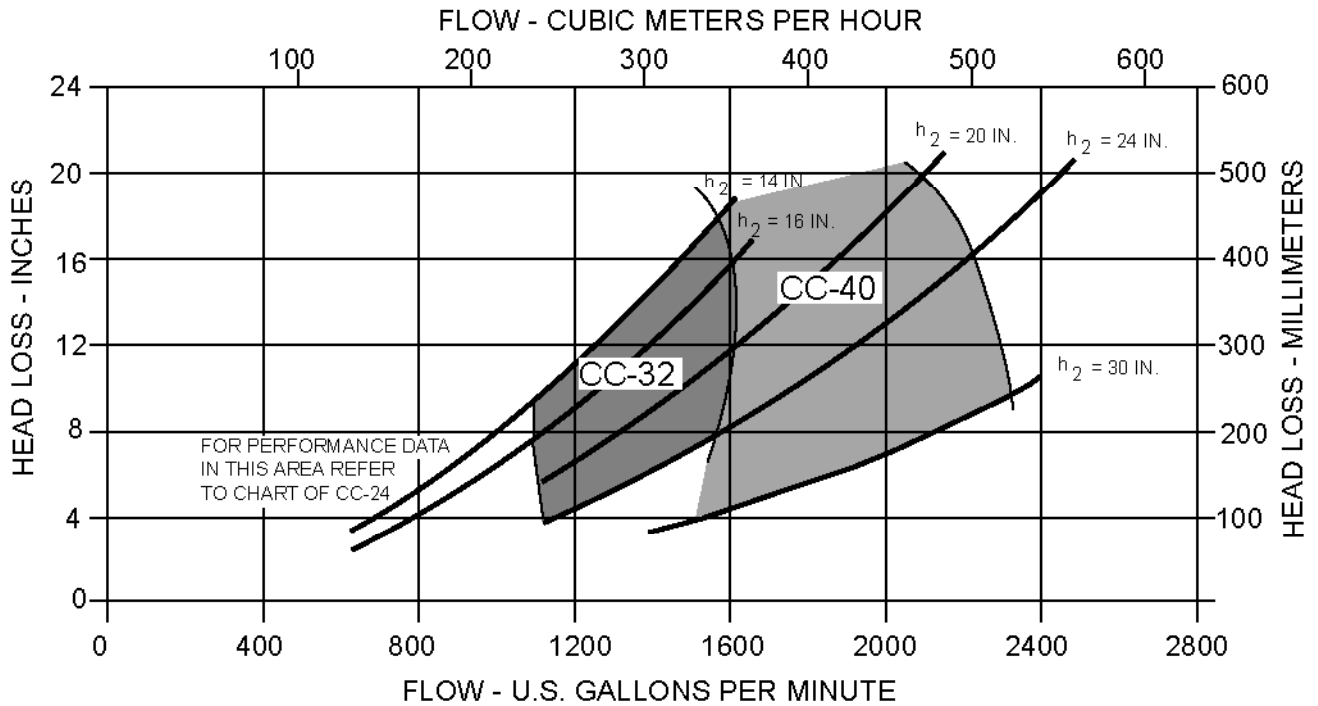




SECTION
7671.4

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

Model CC-32 and CC-40



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 = 2000 USGPM
WATER DEPTH (h_2) = 22 IN.

USE MODEL CC-40 HEAD LOSS = 16 IN.
INFLOW WATER LEVEL 22 + 16 = 38 IN.

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

THE ABOVE DATA IS BASED ON CLEAR WATER TESTS.