

M.W. WATERMARK SPC-200 SLANT PLATE CLARIFIER SPECIFICATION

DESCRIPTION

Model: SPC-200 Incline Plate Clarifier
 Nominal Capacity: 200 GPM

MATERIALS OF CONSTRUCTION

HRS 1/4" Plate
 Material Surface Blasted to Near White
 Settling Plates: 1/4" Gray PVC

COATING

Interior – 8 mil DFT
 Two Coats Tnemec Series 61

Exterior – 5 mil DFT
 Two Coats Polyamide Epoxy
 Color: Watermark Blue

DESIGN PARAMETERS

Design Flow Maximum	200 GPM
Flash Mix Tank Volume	110 gallons
Flocculation Tank Volume	316 gallons
Total Pre-treatment Volume	426 gallons
Effluent Piping Connection	6" 150# Flange
Solids Discharge Connection	4" 150# Flange
Sludge Capacity	611 gallons
Plate Area	1,153 ft ²
Projected Plate Area	633 ft ²
Empty Shipping Weight	11,000 lbs.
Full Operating Weight	32,760 lbs.
Liquid Volume	2,609 gallons
Retention Time @ Maximum Flow Rate	13 minutes
GPM / ft ²	0.30
Physical Size	164" L x 77" W x 149" H
Design Solids Removal	95+% @ 200 PPM influent
Underflow Solids	1 - 2% solids

