



M.W. WATERMARK, L.L.C

4660 136th Avenue, Holland, MI 49424
www.mwwatermark.com

Office 616.399.8850
Fax 616.399.8860

M.W. WATERMARK SPC-80 SLANT PLATE CLARIFIER SPECIFICATION

DESCRIPTION

Model: SPC-80 Incline Plate Clarifier
Nominal Capacity: 80 GPM

MATERIALS OF CONSTRUCTION

HRS 1/4" Plate
Material surface blasted to near white
Settling Plates - 1/4 Grey PVC Schedule 80 grade

COATING

Interior

(1) One application of white polyamide epoxy
(1) One application of black polyamide epoxy

Exterior

(1) One application of blue polyamide epoxy

DESIGN PARAMETERS

Design Flow Maximum	80 GPM
Flash Mix Tank Volume	79 gallons
Flocculation Tank Volume	189 gallons
Total Pre-treatment Volume	268 gallons
Effluent Piping Connection	4" 150# Flange
Solids Discharge Connection	4" 150# Flange
Sludge Capacity	275 gallons
Plate Area	300 ft ²
Projected Plate Area	172 ft ²
Empty Shipping Weight	4,800 lbs.
Full Operating Weight	15,480 lbs.
Liquid Volume	1,280 gallons
Retention Time @ Maximum Flow Rate	16 minutes
Gallons / ft ²	0.46
Physical Size	102" L x 73" W x 130" H
Design Solids Removal	95+% @ 200 PPM influent
Underflow Solids	1 - 2% solids



M.W. WATERMARK – Resources For All of Your Water & Wastewater Needs
Service • Experience • Expertise • Savings