



Filtration Engineering Co. Inc.
12255 Ensign Avenue
Champlin, MN 55316, U.S.A.
Phone 763-421-2721 Fax 763-421-1988
www.filtrationeng.com



MODEL 8080 PILOT PLANT

FEATURES

THIS IS A FOUR STAGE PILOT PLANT UTILIZING THE FOLLOWING MEMBRANE TYPES:

ULTRAFILTRATION
MICROFILTRATION

PLC CONTROLLED FOR AUTOMATED OPERATION AND DATA COLLECTION.

VARIABLE SPEED PUMPING VIA FREQUENCY DRIVES ALLOW FEED AND RECIRCULATION FLOWS TO BE ADJUSTED FOR OPTIMAL TESTING.

DIAFILTRATION ON EVERY STAGE FOR ADDITIONAL PERMEABLE COMPONENT REMOVAL.

BENEFITS

THE MODEL 8080 CAN REDUCE YOUR TESTING TIME AND EXPENSES WITH AN OWN OR RENT OPTION.

THE MODEL 8080 COMES COMPLETE WITH ALL NECESSARY VFD'S AND MOTOR STARTERS FOR A QUICK AND EASY INSTALLATION.

THE MODEL 8080 CAN OPERATE ON A CONTINUOUS OR BATCH BASIS.

UP TO 8 - 8.0" DIAMETER MEMBRANE ELEMENTS CAN BE TESTED AT ONE TIME.

SPECIFICATIONS

MEMBRANE TYPE: UF or MF

MEMBRANE STYLE: SANITARY,
SPIRAL WOUND

MEMBRANE SIZE: 8.0" DIAMETER
UP TO 40" LONG

CONTROLS: PLC BASED

HEAT EXCHANGER: MULTI-TUBE

PUMP TYPES: SANITARY
CENTRIFUGAL

FEED TANK: 700 LITERS OR
185 GALLONS

FLOW METERS: ROTOMETERS ON
PERMEATE
MAGNETIC FLOW
ON RETENTATE.

