

FREE SPACE REQUIRED FOR MAINTENANCE

FREE SPACE REQUIRED FOR INSTALLATION

Ø 12

Ø 12

10.7

89

56.9

1 - 1/2" RINSE VALVE

25

INLET

OUTLET

68

23.6

21.7

10.5

28

TECHNICAL DATA

MAXIMUM FLOW RATE:	500 G.P.M
AVAILABLE SCREEN SIZES:	10, 25, 50, 80, 100, 150, 200, 300, 400, 800, 1000, 1500 MICRON
OPEN SCREEN AREA STANDARD SCREEN:	413 SQ. INCHES
OPEN SCREEN AREA HIGH PERFORMANCE MULTI-LAYERED SINTERED SCREEN:	620 SQ. INCHES
MAXIMUM WORKING PRESSURE:	150 PSIG
MINIMUM INLET PRESSURE REQUIRED DURING RINSE CYCLE	30 PSIG
MAX. WORKING TEMPERATURE:	150°F
INLET/OUTLET FLANGES:	4" ASME B16.5 150# RF
DRAIN VALVE CONNECTION:	3" GROOVED
DRAIN HEADER SIZE:	3" MINIMUM
APPROXIMATE WEIGHT - DRY:	355 LBS.
APPROXIMATE SHIPPING WEIGHT:	445 LBS.
APPROXIMATE WEIGHT FULL OF WATER:	460 LBS.

RAIN BIRD RESERVES THE RIGHT TO MODIFY FILTER DIMENSIONS WITHOUT PRIOR NOTICE

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PART NO.	EXPLANATION
PART NUMBER	XXXXXX-XX
BASE DWG NO.	
MFG OPTION (SEE TABLE or NOTE)	
EXAMPLE: 652100-01	

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1 INCH
DO NOT SCALE DRAWING
LAST MODIFIED IN: **SOLIDWORKS 2017**
FILENAME: HO-I04-PS-C.SLDDRW

UNLESS OTHERWISE SPECIFIED:
.X = ±.030"
.XX = ±.015"
.XXX = ±.005"
.XXXX = ±.002"
X° = ±1°
X.X° = ±0.5°

DRAWN AKTIS
DESIGNED AKTIS
SUPERCEDES NONE
SCALE 1:24 & NOTED
INTERPRET PER ASME AND RAIN BIRD SPEC# 232397

DATE 07-07-2020
DATE 07-07-2020
RAIN BIRD
TITLE
AUTOMATIC SELF CLEANING FILTER - HO-I-04-PS-C

PHASE PRELIMINARY DESIGN	
DESIGN CONTROL	FIRST USED ON
SBU	PLANT
PROJ. NO.	PROJ. NAME
A SIZE	A.01 REV.
SHEET 1 OF 1	

COMMON SYMBOLS:
R RADIUS
Ø DIAMETER
C CRITICAL TO FUNCTION
() REFERENCE

4

3

2

1

D

D

C

C

B

B

A

4

3

2

1