ENGINEERED™ SOLUTIONS
A division of Morris/Lee, Ltd.™

321 Cityview Blvd
Unit #4
Vaughan, Ontario
L4H 3M3
905.832.0909
www.EngineeredSolutionsCan.com
Order@EngineeredSolutionsCan.com
www.rain-water.Solutions

CANARM

ARCSA MEMBER

Job:

Engineer:

Model 8 Basket Strainer and Bag Filters

Ordering Code

Example: 8-15-3P-1-150-C-B-S-M-200-D-C - 2M 50

(HOUSING | OPTIONS | OPTIONAL INNER BASKET)

MODEL NO.
ES8 =ES8

HOUSING SIZE
15 inch = **15**
30 inch = **30**

PIPE SIZE, NPT and FLANGED[1]

3/4-in. female NPT	= **3/4P**
1-in. female NPT	= **1P**
1-1/4-in. female NPT	= **1-1/4P**
1-1/2-in. female NPT	= **1-1/2P**
2-in. female NPT	= **2P**
3-in. female NPT	= **3P**
3/4-in. 150 class ANSI flange	= **3/4F**
1-in. 150 class ANSI flange	= **1F**
1-1/4-in. 150 class ANSI flange	= **1-1/4F**
1-1/2-in. 150 class ANSI flange	= **1-1/2F**
2-in. 150 class ANSI flange	= **2F**
3-in. 150 class ANSI flange	= **3F**
4-in. 150 class ANSI flange	= **4F**
6-in. 150 class ANSI flange	= **6F**

OUTLET STYLE

Bottom	= **1**
Side	= **2**
Bottom elbow	= **3**

PRESSURE RATING[2]

150 psi (NPT or flanged)	= **150**
300 psi (NPT or flanged)	= **300**

HOUSING MATERIAL

Carbon steel	= **C**
304 stainless steel	= **S**
316 stainless steel	= **S316**

COVER SEAL

Buna N	= **B**
Ethylene Propylene	= **E**
Viton® Fluoroelastomer	= **V**
Teflon® Encapsulated Viton®	= **TEV**
Teflon® (solid white) (6 Bolt Cover)	= **TSW[5]**

BASKET SEAL
Seal required = **S**

OPTIONAL INNER BASKET

FOR MODEL 8 ONLY

OPTIONAL INNER BASKET, MEDIA SIZE-No symbol if type 2B basket was selected

Perforation diameters (for type 2P baskets)
1/4, 3/16, 9/64, 3/32, 1/16

Mesh sizes (for type 2M and 2BM baskets)20, 30, 40, 50, 60, 70, 80, 100, 150, 200

OPTIONAL INNER BASKET TYPE
2B = Filter bag basket, 9/94 perforations[3]
2P = Strainer basket, perforated metal
2BM = Filter bag basket, perforated, mesh lined[3]
2M = Strainer basket, perforated, mesh lined

ASME CODE STAMP
C = Code
NSF = NSF 61 listed

DISPLACER
D = Displacer

BASKET, MEDIA SIZE-No symbol if type B basket was selected
Perforation diameters (for type P baskets)
1/4, 3/16, 9/64, 3/32, 1/16

Mesh sizes (for type M and BM baskets)
20, 30, 40, 50, 60, 70, 80, 100, 150, 200

BASKET TYPE
PB = Filter bag basket, 9/64 perforations[3]
P = Strainer basket, perforated metal
BM = Filter bag basket, perforated, mesh lined[3]
M = Strainer basket, perforated, mesh lined
HWM = Filter bag basket, heavy wire mesh[3]

NOTE:
1. Flanges provided with the housing match the pressure rating of the vessel. Housings rated 150 psi have 150 class flanges. Housings rated 300 psi have 300 class flanges. ANSI B16.5 Pressure-Temperature rating tables determine flange class for ASME code housings. Consult factory.
2. Higher pressure ratings available. Consult factory.
3. Filter bags are specified separately. See page 134.
4. 150 psi unit has 150 class flanges. 300 psi unit has 300 class flanges.
5. 300 psi design only.

SIZE:
SCALE:
DATE:
APPROVED BY:
CHECKED BY:
DRAWN BY:
WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA
DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

FIGURE NUMBER	REV.	DATE	DESCRIPTION	BY	CKD. BY	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER