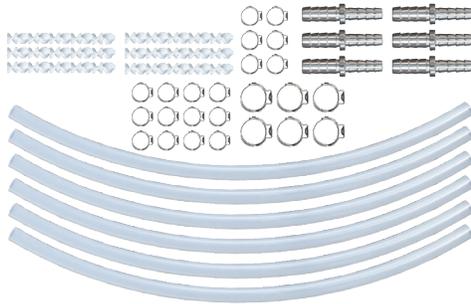




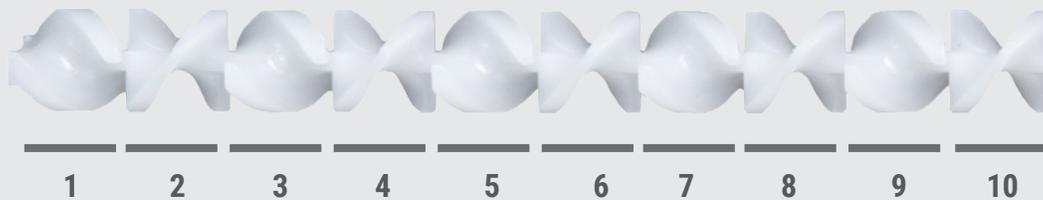
INSTALLATION INSTRUCTIONS

# FLOW RESTRICTOR KIT



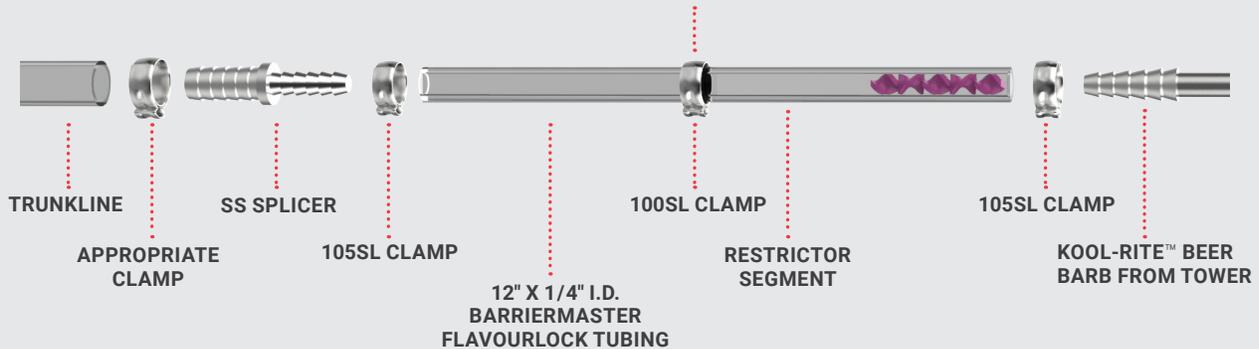
PART	BEER LINES	DESCRIPTION
MM-RSK-14	6	Restrictor Kit 1/4" I.D. Trunkline
MM-RSK-516	6	Restrictor Kit 5/16" I.D. Trunkline
MM-RSK-38	6	Restrictor Kit 3/8" I.D. Trunkline

RESTRICTOR STICK HAS 10 SEGMENTS



## INSTALLATION

NOTE: clamp as close as possible, but not on restrictor



# INSTALLATION INSTRUCTIONS

1. Calculate required system resistance (see example):

BEER LINE (SIZE I.D.)	RESTRICTION (LBS/FT)	LENGTH OF RUN (FT)	LINE (LBS) RESTRICTION	LIFT/DROP (.5 LBS/FT)		SYSTEM HARDWARE	TOTAL SYSTEM RESTRICTION (TSR)	TARGET PRESSURE	SUBTRACT TSR	RESTRICTION REQUIRED	DIVIDED BY 2 LBS PER SEGMENT	RESTRICTOR SEGMENTS
1/4" =	0.30	X	=	±	=	+	=		-	=	÷ 2 =	
5/16" =	0.10	X	=	±	=	+	=		-	=	÷ 2 =	
3/8" =	0.06	X	=	±	=	+	=		-	=	÷ 2 =	
3/8" =	0.06	X 100	= 6	± 2.5	= 8.5	+ 7.5	= 16	22	- 16	= 6	÷ 2 =	3

2. Break off correct number of segments required to achieve desired resistance (see chart). Make sure segments are connected. Do not install loose segments as this may result in beer foaming.

RESTRICTION & SEGMENTS											
RESTRICTION (PSIG)	2	4	6	8	10	12	14	16	18	20	
FLOW RESTRICTOR SEGMENTS	1	2	3	4	5	6	7	8	9	10	

- Insert segments required into supplied 12" x 1/4" I.D. Barriermaster Flavourlock tubing (do not cut down lengths of tubing, use as supplied).
- Install Barriermaster Flavourlock tubing with segments installed directly onto stainless steel barb fitting and clamp with 105SL clamp. Restriction segment should be directly against stainless steel barb fitting. Using a 100SL clamp, clamp directly below segment(s) in place. DO NOT CLAMP ON THE RESTRICTOR (see illustration).
- Install splicer into opposite end of 12" x 1/4" Barriermaster Flavourlock tubing and clamp with supplied 105SL clamp.
- Complete connection to trunk line with correct clamp. Each restrictor kit is supplied with correct clamp based on trunk line size.
- After all connections are complete cover the entire connection area with thermal foil tape followed by moisture strapping tape. Install 3/4" (minimum) wall foam insulation over the entire connection area. Finally wrap with vinyl tape to protect insulation. These parts are provided in Micro Matic glycol system install kits.

