

VORTI-SIV[®]

MM[®] VORTI-SIV[®] A DIVISION OF Industries, Inc.

RVM[®]-12" TO 48" SCREEN DIAMETER *Compact Sieving & Separation Equipment*

APPLICATIONS:

FROM PHARMACEUTICAL TO POWDER COATING

The RVM[®]-15 with 15" screen diameter and the larger RVM[®]-22 & RVM[®]-36, which utilize 22" & 36" screen diameters, are three of the most efficient sieving and straining machines made. Both units are extremely effective on many wet or dry applications. Popular uses include quality control check screening of powders, liquid straining, product reclamation and particle separation.

RVM[®]-E SERIES

A more compact version of the standard center-discharge RVM[®] design in sizes with a 12", 15", 22", 30", 36" and 48" screen diameter. The typical unit height ranges from 9" to 16" depending on the main rim specified. The RVM[®]-E series is driven by a selection of vibratory motors from 1/6HP to 1HP.

COMPACT SIFTER FLEXIBILITY:

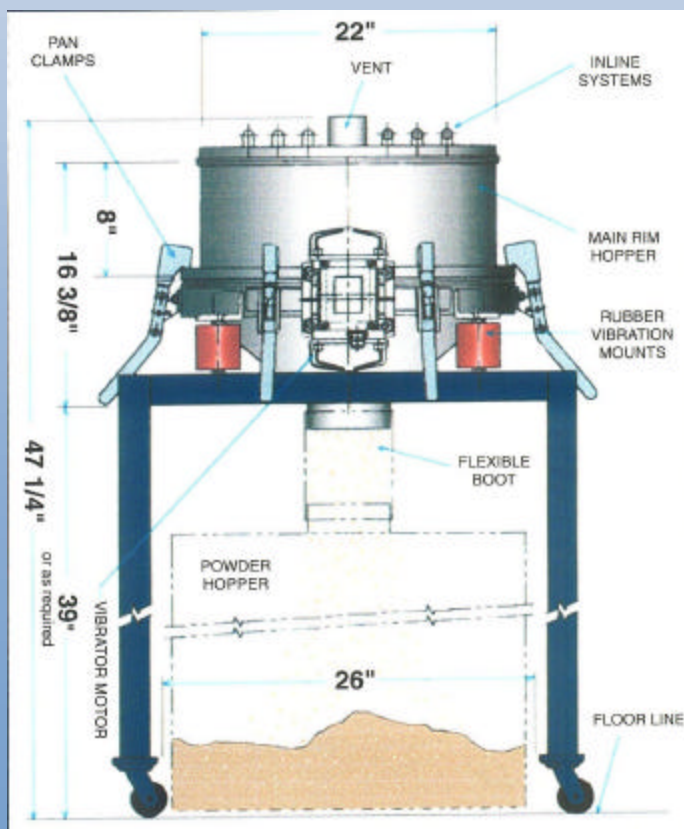
All RVM[®] models are utilized as compact portable sieves. The center-discharge of each model, along with a heavy-duty stand, enable efficient container to container screening. The VORTI-SIV stand is available in all discharge heights of with adjustable legs.

CONTINUOUS DISCHARGE OPTIONS:

Applications with large amounts of oversize may require a scroll mounting to the screen. This enables a continuous and uniform discharge of material from the screen surface. Scroll sizes will vary with each application. For example, a full scroll allows greater product retention time on the screen. A half or finger scroll is utilized for free flowing material and greater throughputs.



Sanitary, all 316-grade stainless steel RVM[®]-22 with stainless steel stand and 10RA finish



TECHNICAL DATA:

- Vibrating electric motors 1 and ½, 1/3HP, three phase 230-380-460 volt or single phase 110 volt, continuous duty, TENV, explosion-proof or optional air motor, 50 or 60 Hz, 3600 RPM
- Optional Variable Frequency Drives
- Clamps: Four (4) to six (6) heavy-duty panwork clamps plated carbon steel or all-stainless-steel.
- Contact parts: 316-grade stainless steel
- Non-product contact parts: Aluminum or 316 stainless steel or carbon steel
- Motor: Optional stainless steel enclosure or white FDA powder coating
- Model SFA® Ultrasonic Kit adaptable

VORTI-SIV® Demountable Main Sieve Assembly Product Contact Parts



Stainless Steel Main Sieve Rim
Sizes 3 ½", 5", 8", & 12" in
Height or by request

Flat Gasket in Materials of Buna,
Neoprene, Teflon, Garlock,
or FDA -grades

Screening Element Composed
of Ring & Clip in Stainless Steel
or Aluminum Screening Material
Nylon, Stainless Steel
or as required

Base Rim*

*Base Rim is combined with Mesh Ring in certain applications

Model RVM®-22E
with Hopper and
Portable Frame



Two-Contact Part Sanitary Design



Model RVM®-15E
with Portable Frame,
Sanitary Contact Parts
and SFA® Ultrasonic Kit



Inline Model RVM®-30E
with Cyclone Tower
and Hopper