

# Disk Fluidizer

Application:	Designed to provide the optimum amount of air volume needed for efficient pneumatic unloading of bulk trailers, allowing more airflow, less back pressure and higher unloading rates.
Features & Benefits:	<ul style="list-style-type: none"> <li>Seals completely to hopper or wear plate to stop the back flow of product into the aeration lines, even when flood loading</li> <li>Durable, food grade silicone resists hardening, cracking or tearing</li> <li>Robust design does not have snap retention legs that can break off or flimsy disks that crack and wear prematurely</li> <li>Fluidizer component parts can withstand operating temperatures up to <b>350°F (177°C)</b></li> </ul>

## Commonly Used Fluidizer Kits

Part #	Description
<b>Typical kits for aluminum trailers. If used to haul abrasive products like sand or cement use hopper savers to protect from wear on the aluminum hopper.</b>	
<b>111111</b>	1-port assembly, includes blue silicone disk, grey stem hopper saver, blue silicone manifold gasket, 1-port grey manifold, tee handle
<b>111131</b>	3-port assembly, includes blue silicone disk, grey stem hopper saver, blue silicone manifold gasket, 3-port grey manifold, tee handle
<b>These are typical kits used in steel trailers. (Do not include hopper savers)</b>	
<b>113111</b>	1-port assembly, includes blue silicone disk, grey stem, blue silicone manifold gasket, 1-port grey manifold, tee handle
<b>113131</b>	3-port assembly, includes blue silicone disk, grey stem, blue silicone manifold gasket, 3-port grey manifold, tee handle
<b>These are standard kits used in Heil trailers</b>	
<b>111141</b>	1-port assembly, includes blue silicone disk, grey stem hopper saver, blue silicone manifold gasket, 1-port clear manifold, tee handle
<b>111161</b>	3-port assembly, includes blue silicone disk, grey stem hopper saver, blue silicone manifold gasket, 3-port clear manifold, tee handle

## Fluidizer Components



4124



4125



4134



4127



4122



4623



4129

Part #	Description
<b>4124</b>	blue silicone fluidizer disk (food grade)
<b>4134</b>	white silicone fluidizer disk (food grade)
<b>4125</b>	grey stem with brass insert
<b>4135</b>	natural stem with stainless-steel insert
<b>4155</b>	aluminum stem
<b>4157</b>	carbon steel stem
<b>4126B</b>	1½" stain. steel hopper saver, white silicone backing
<b>4127</b>	blue silicone manifold gasket (food grade)
<b>4137</b>	white silicone manifold gasket (food grade)
<b>5050</b>	20" stainless-steel, 3 disk fluidizer plate (16" ID)
<b>5052</b>	20" carbon steel, 3 disk fluidizer plate (16" ID)
<b>5012</b>	20" neoprene gasket
<b>4121</b>	manifold, 1 port grey
<b>4122</b>	manifold, 2 port grey
<b>4123</b>	manifold, 3 port grey
<b>4621</b>	manifold, 1 port clear
<b>4622</b>	manifold, 2 port clear
<b>4623</b>	manifold, 3 port clear
<b>4129</b>	tee handle assembly - stainless-steel
<b>4130</b>	raised tee handle assembly
<b>4139</b>	hex bolt assembly - stainless-steel
<b>4149</b>	internal hex bolt assembly - stainless-steel
<b>4159</b>	bolt assembly T.I.R. stainless-steel
<b>4111</b>	1¾" hopper plug with gasket
<b>4167</b>	1½" hopper plug with gasket

Product instruction sheets and technical data, can be viewed at [dixonvalve.com](http://dixonvalve.com)