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In the medical gas industry, understanding the various styles of medical gas outlets can be tricky. You have to know what it means when it is said "keying style". In the days gone by there have been various firms that have come up with ways to get medical gasses or vacuums dispensed easily through piping systems placed centrally. Such styles were thus patented and then market kept the name of the manufacturer over it. Hence we see that the "keying styles" have come about with the name of the manufacturer that developed the medical gas outlet system. It was during the mid 50s when most of the styles came into being. Now half a century later with most of the patents having faded away, one would be able to find many suppliers who would give you the best keying styles available around these days.

The keying style as said by experts should be the same across all medical gas outlets; it is for their best interests as believed. This is because there is an extensive use of secondary equipment such as suction regulators; flow meters etc, which needs to be attached to the proper channel; for outlet purposes. If it has to be plugged in properly, the adaptor used to help with the plugging in of the secondary equipment should be able to fit the wall outlet well. Even a small discrepancy for the same wouldn't be helpful, the patients who would need the medical gas wouldn't be able to access if the style of the adaptor is not correct when plugging in is done. Hence it is important for any medical gas outlet to have uniformity for keying styles.

But there is an exception, as with any rule, even medical gas outlets keying styles have an exception. If the gas pipelines pressure is more than 80 psig, or if it is fixed to a ceiling, the Diameter Index Safety System must be followed for the key styling. DISS must be used for those outlets which are affixed to any ceilings and a "quick connect" connection should be provided to the patient for its use. "Quick connect" is another form of keying style.

Here are some various names of keying styles for medical gas outlets:

1. Ohio keying style also known as Ohmeda Keying style
2. The Schrader keying style
3. The Chemetron keying style
4. The Puritan-Bennett keying style, and
5. The Diameter Index Safety System (DISS) keying style:

So we hope now you have the basic information you needed to know about various medical gas outlets keying styles. We have taken every effort to bring this information to you, however, we would still encourage you to check around and do your own research on any medical gas outlet keying style as well.

Understanding the various keying styles for medical gas outlets isn't tough as it is perceived to be. Just a little effort and research from your end would make the information easily available and concise for you. All the best learning more about the medical gas outlet keying styles!

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