

Materials - 3065-S Mixers - Ordering Information

MATERIALS

3065-0 through -8 mixer bodies and mixing chambers are machined from iron castings. The -7 and -8 sizes have viton gaskets on flanged connections.

Depending on the mixer size, gas cartridge assemblies are made from brass, steel and cast iron, with seals made from viton and nitril.

Mixer displacement rods are made from steel. The rod support plugs are made from brass on -0 through -5 sizes and aluminum on -6 and larger sizes.

On 3065-K models, steel or stainless steel is substituted for the brass parts (for use with gases corrosive to brass).

3065-9 mixer bodies and mixing chambers are fabricated from steel, and assembled with a viton gasket. The 1122-7-F valve used on the 3065-9 for gas adjustment is made from cast iron, stainless steel, steel and has a viton seal.

3065-S ASPIRATOR MIXERS

3065- -S Aspirator Mixers have oversized throats for higher air capacities and mixture pressures than standard mixers.

They are useful where:

— Burner capacity does not match a standard mixer size, e.g., certain line burner assemblies and special bore nozzles.

— Mixture line size is restricted, and the use of a standard mixer would prevent the combustion system from reaching full capacity.

— A modest increase in combustion system capacity is desired without extensive re-piping.

Increasing mixer capacity in the 3065-S involves sacrificing suction efficiency, therefore it may be necessary to cross-connect the zero governor when using a -S mixer.

When feeding several nozzles from one 3065- -S mixer, a mixture manifold at least one pipe size larger than the mixer outlet is recommended.

ORDERING INFORMATION

3065 Mixer with rod part numbers = 3065- _____
Example: **3065-4-15**
_____ Rod size (0-80 see table 4 on Sheet 3065-2_dims-pl)
_____ Mixer Size (0-9)

3065-S Mixer with rod part numbers = 3065- _____
Example: **3065-7-S20**
_____ -S _____ Rod size (0-72 see table 4 on Sheet 3065-2_dims-pl)
_____ Mixer Size (3-8)

3065-K Mixer with rod part numbers = 3065- _____
For Coke oven, manufactured, and other gases
corrosive to brass, specify 3065- -K Mixer.
_____ -K _____ Rod size (0-72 see table 4 on Sheet 3065-2_dims-pl)
_____ Mixer Size (0-8)

Example: **3065-0-K6**

3065 Mixer only part numbers = 3065- _____
(Rod not included)
Example: **3065-0**
_____ Mixer Size (0-9)

3065 or -S Rod only part numbers = 3065- _____
(Mixer not included)
Example: **3065-4-12RA**
_____ - RA _____ Rod size (0-80 see table 4 on Sheet 3065-2_dims-pl)
_____ For Use in Mixer Size (0-9)

3065 with observation port in place of -0 plug = 3065- _____
_____ - 0-OBS _____ Rod size (0) and -S or -K
_____ For Use in Mixer Size (1-8)

Example: **3065-6-0-OBS; 3065-6-S0-OBS; 3065-6-K0-OBS**