

The Summerlands 'Chuffer'



The Summerlands Chuffer is a precision engineered Chuff pipe designed to amplify the chuff of the exhaust steam. It replaces the vertical exhaust pipe inside the smokebox of your model steam locomotive. The Chuffer has a jet within a narrow throat and a resonating chamber to create and amplify the chuff of the exhaust steam. In addition to giving a real steam chuff, it also directs the oily condensate downwards, keeping the loco much cleaner.

Chuffers are available for most commercial models. Please see the chuffer selection chart links on our web site.

Chuffers are not suitable for 'Drafted Boilers' in which the combustion gasses are drawn through the boiler fire tubes by the suction created by the exhausting steam in the smoke box. Typical drafted boilers include coal and alcohol fired and some ceramic fired models.

On some models with smaller chimneys the fitting of a chuffer may impede the exhausting of combustion gasses and could affect the efficiency of the fire or cause overheating of the front end of the model and may void your loco manufacturer's warranty.

Specifications are subject to update as development and production proceed and may change without notice



The Standard Chuffer



The FX control

The FX control is a precision engineered cap to fit the top of the Chuffer resonator, which has a hole drilled in the cap. The FX Control has a large hole and a small hole and by turning the control with a screwdriver you have three options: The FX control cap will not work with the standard Chuffer, it must be purchased as a set with a compatible and matching Chuffer.

Both Holes Closed: This is always selected for start-up as it diverts all the oil and water condensate down. When this has cleared, the Chuffer behaves as normal and gives the maximum chuff.

Small Hole Open: This gives a softer edge to the chuff and is slightly higher pitched and quieter. It also enhances the steam effects by increasing the plume of steam.

Large Hole Open: This gives a much softer and quieter Chuff which will be only slightly louder than a standard exhaust (depending on the loco). The benefit is that you will get the maximum steam effect which will be perfect for winter and low sun photography. It is also great for indoor running where some folk have been known to huff and puff about too much Chuff.

Specifications are subject to update as development and production proceed and may change without notice