

SERIES 4F FORCED DRAFT FIREBOX GENERATOR – STANDARD EQUIPMENT

Boiler:

Three-pass boiler constructed and stamped in accordance with ASME Section IV of the ASME Code for 15-psig steam or 30-psig water on any size boiler or 60-psig water on sizes 4FW63 through 4FW993. They are the sealed forced draft firing design with skid base and floor insulation. The flue outlet is a top outlet on sizes 4F63 through 4F345 and a rear outlet on sizes 4F450 and larger. Optional outlets are available on all sizes. The boiler comes complete with a gas tight front flue cleanout door, rear observation port on sizes 4F63 through 4F345, or rear access door and observation port on sizes 4F450 and larger and lifting lugs on sizes 4F127 and larger. Optional access doors and lift lugs are available for all sizes.

Jacket:

Rectangular type 1" fiberglass insulated jacket on sizes 4F63 through 4F345, 2" fiberglass insulated rectangular jacket on sizes 4F450 through 4F675 and 2" fiberglass wrap around jacket on sizes 4F827 and larger.

Steam Trim:

The following trim is shop mounted and wired: MM157 combination pump control and LWCO with alarm contacts and quick opening blowoff valves, probe type manual reset auxiliary LWCO, L404F operating pressuretrol, L4079B manual reset high limit pressuretrol and appropriate firing rate control when required.

The following trim is shipped loose for field mounting: 4" steam pressure gauge (on models 4FL63 through 4F675), 6" steam pressure gauge (on models 4F827 and larger), ASME side outlet safety valve(s) and gauge glass set.

Water Trim:

The following trim is shop mounted and wired: Probe type LWCO (on 30-psig models 4FW63 through 4FW675) or MM 63M manual reset LWCO with quick opening blowoff valve (on 30-psig models 4FW827 and larger) or probe type LWCO (on 60-psi models 4FW63 through 4FW675) or MM 150M manual reset LWCO with quick opening blowoff valve (on all 60-psi boilers on models 4FW827 and larger) L4006A operating aquastat, L4006E manual reset high limit aquastat and appropriate firing rate control when required.

The following trims are shipped loose for field mounting: 3 1/2" thermostat (on models 4FW63 through 4FW675) or 5" thermometer and 6" pressure/altitude gauge (on models 4FW827 and larger) and loose ASME side outlet relief valve(s).

Burner (mounted & wired):

Burners available for gas, #2 oil, #4 oil, #5 oil, #6 oil, and combination gas/#2 oil, gas/#4 oil, gas/#5 oil, and gas/#6 oil. Refer to burner data sheets for details of burner equipment.