

# AIR HEATER SOOTBLOWER

## Safer Cleaning Performance and Reliability

For years the boiler cleaning industry has tried unsuccessfully to imitate what Clyde Industries perfected with our legendary cleaners for heat transfer surfaces in regenerative rotary gas and air heaters. We have maintained our leadership with ongoing innovations to our original, landmark designs, continuing to provide features not found in any other air heater cleaner.

Clyde Industries's RS-A and RS-A Multi Media air heater sootblowers built their reputation delivering superior cleaning performance while eliminating the need for expensive PLC's and VFD's in traditional air heater cleaners. Our patented technology improves your plant heat rate with the most advanced and reliable air cleaners available.

Housed in Clyde Industries's dependable rugged platform every component within our air heater cleaners are designed to the highest standards, with leading design features that ensure effectiveness and unmatched lifespan. For instance, our balanced drive carriage centers the gearbox evenly between the dual rack drives, providing balanced weight distribution. This design eliminates the frequent oil leaks

and pinion failures found in "handed" sootblowers due to the unbalanced weight distribution. The balanced drive also reduces the amount of spare parts required for air heater sootblowers. Its modular design also allows for ease of accessibility to any part. Compared to the single housing unit of competing sootblowers, gearbox removal is shortened by hours. The modular carriage also reduces thermal transfer from the high temperature cleaning medium to the gearbox oil, bearings and seals, which extends service life.

Short packing life is the top sootblower maintenance problem. Clyde Industries air heaters, by contrast, have the longest packing life of any air heater cleaner due to the stability of the four-roller carriage platform and superior packing technology. In addition, the patented Seal Pack™ live loaded packing system is standard on the air heater allowing for quick and easy packing replacement via a pre-loaded cartridge, rather than stacking packing rings by hand, saving both time and money by maintenance personnel.

# AIR HEATER SOOTBLOWER SAFER CLEANING PERFORMANCE AND RELIABILITY

Additional standard features you will only find on Clyde Industries air heater cleaners include the hot dipped galvanized housing, externally adjustable poppet valve, and NEMA 4X Junction Box.

For the ultimate housing protection, with the industries only lifetime warranty, the air heater canopy is hot dipped galvanized providing superior corrosion resistance.

The poppet valve incorporates an externally adjustable seat and pressure disc, which allows precise, on-line setting of blowing pressures, and eliminates the need for a lock out / tag out when adjusting blowing pressure.

Each air heater is supplied with an integral NEMA 4X stainless steel junction box, complete with terminals strip, push buttons and rotary disconnect that meet the demanding environment of a boiler house.

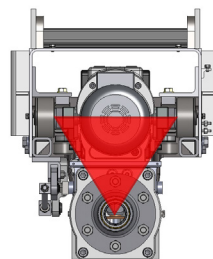
The air heater is also the leader in cleaning performance. Cleaning coverage is maximized by timing the insertion step of the lance, to one revolution of the air heater basket, eliminating banded cleaning patterns found in other cleaners.

## Benefits

- Improved heat rate
- Increased cleaning through step pattern
- Reduced outage time
- Hot dip galvanized housing with lifetime warranty
- Longer unit run times afforded by fewer manual cleanings

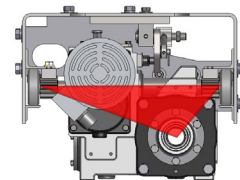
OPTIONAL: Clyde Industries air heater cleaners can be equipped with an integral water lance for tenacious ammonium bisulfate applications, or off-line water washing.

**Clyde Industries**



Balanced Design  
(Modular Construction)

**Other**



Unbalanced Design  
(Single Housing Construction)



Clyde Industries Inc.  
4015 Presidential Parkway | Atlanta | GA | 30340  
+1 800 241 5996 | clyde-industries.com

COMPANY WITH  
QUALITY SYSTEM  
CERTIFIED BY DNV GL  
= ISO 9001 =