

CPJ Series Critical Grade Silencers



Blue Star's "CPJ" Series is the accumulation of research and development offering a compact silencer without compromising performance. It incorporates a unique combination of resonator chambers, acoustically packed internal components and diffusers to achieve a stunning level of performance for its size. All CPJ series silencers are critical grade silencers and are packed with insulation to greatly reduce radiated noise and exterior shell temperature.



Standard Construction Features

- ▶ Available in sizes from 2 inch to 12 inch
- ▶ Multitude of inlet/outlet design styles to meet almost any requirement
- ▶ Packed with fiberglass insulation to reduce shell temperature and noise levels
- ▶ Fully welded double shell carbon steel weldment construction, corrosive resistant
- ▶ High density fiberglass acoustic blanket good to 1500°F, wrapped with 304 Stainless Steel wire mesh cloth and encased in a carbon steel perforated facing
- ▶ Black phenolic resin based finish paint

Optional Construction Features and Accessories

- ▶ Stainless Steel construction
- ▶ Aluminum construction
- ▶ Aluminized Steel construction
- ▶ Vertical mounting legs
- ▶ Round mounting bands
- ▶ Horizontal mounting saddles
- ▶ Horizontal and vertical shell lugs
- ▶ Special finish per specification
- ▶ Air leak test
- ▶ ASME code construction
- ▶ Oversized flanges
- ▶ Acoustic shell lagging
- ▶ High temperature acoustic pack material
- ▶ Contact factory for additional features to meet your requirements

Model #	Part #	Inlet Size	Outlet Size	Flanged Connection	WT (lbs)
CPJS-02	10660	2.0" ID	2.0" OD	No	12
CPJS-25	10661	2.5" ID	2.5" OD	No	18
CPJS-03	10662	3.0" ID	3.0" OD	No	20
CPJS-35	10663	3.5" ID	3.5" OD	No	30
CPJS-04	10664	4.0" ID	4.0" OD	No	31
CPJS-05	10665	5.0" ID	5.0" OD	No	50
CPJS-06	10666	6.0" ID	6.0" OD	Yes	50
CPJS-08	10667	8.0" ID	8.0" OD	Yes	120
CPJS-10	10668	10.0" ID	10.0" OD	Yes	180