



Burnovate Energy Systems Pvt. Ltd.

STEP Office, IIT Kharagpur
Kharagpur; West Medinipur, West Bengal - 721302

Swirl Burner-Double-Swirl-Liquid Fuels

Model	Heat output Range (kW)	Fuel type	Atomization target (SMD) (μm)	Fuel Nozzle type	Nozzle Angle ($^{\circ}$)	Swirler type	Swirler Vane Angle ($^{\circ}$)	Vane count	Air flow type
BDSL5T	10 - 50	<ul style="list-style-type: none">• Diesel• Light Fuel Oil• JET A• Kerosene	20-100	<ul style="list-style-type: none">• Pressure swirl• Hollow-cone nozzle• Solid-cone nozzle• Twin-fluid nozzle	20-120	Primary/ Secondary	20-60	6-12	Primary/ Secondary
BDSL1H	20 - 100								
BDSL2H	60 - 200								
BDSL5H	100 - 500								
BDSL7H	150 - 700								
BDSL10H	250 - 1000								
BDSL15H	400 - 1500								
BDSL20H	600 - 2000								
BDSL50H	1000 - 5000								

Emission standards: As per the BS norms



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