

## Comfort & Savings. Music to your ears!

Minimum  
**35%**  
FUEL SAVINGS\*

The proven technology of the STS-JZ Series delivers enhanced performance for an energy wise heating solution.

The STS-JZ is the premier infra-red radiant tube heating system to provide increased comfort and lower fuel bills in commercial / Industrial applications. Low clearance to combustibles above the heater is a result of the high radiant heat efficiency of the STS-JZ and allows compact installation. With modular 90 and 180 degree elbow kits the heater can swing around corners, or down and back again to match heat placement to existing site conditions.

Just compare STS-JZ features:

- 1) **Tall focus shield reflectors and closed reflector ends** extend below tube surface to trap convection heat and convert it to efficient infrared heat output and lower clearances to combustibles above the heater
- 2) **Webbed Reflector Supports** promote free passage of entrapped convection heat along the tube system for uniform heat output
- 3) **Swaged Tube System** increases tube system rigidity and integrity; provides a clean, straight appearance while simplifying installation
- 4) **Factory Installed igniter** reduces installation time
- 5) **Operating Status lights** to simplify trouble shooting
- 6) **Electrical cord and plug** to simplify installation and reduce costs

Schwank invented the infra-red heater and we remain the world leader over 60 years later. So choose the virtuoso STS-JZ for improved employee comfort and fuel savings that go right to your bottom line.



Bernd Schwank, Chairman  
Schwank International  
Group of Companies



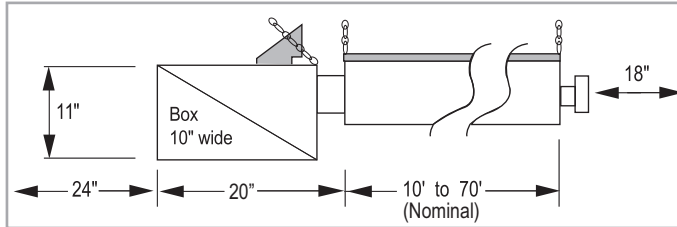
sts-jz Schwank  
sts-jz **Schwank**

# STS-JZ Series Specifications

## DIMENSIONS AND SPECIFICATIONS

MODEL	CAPACITY (BTU/HR) U.S.A.: SEA LEVEL TO 2,000' CANADA: SEA LEVEL TO 4,500'	AVAILABLE LENGTH						
		10'	20'	30'	40'	50'	60'	70'
STS-JZ 200	200,000					✓	✓	✓
STS-JZ 175	175,000					✓	✓	✓
STS-JZ 155	155,000				✓	✓	✓	
STS-JZ 130	130,000			✓	✓	✓		
STS-JZ 110	110,000			✓	✓	✓		
STS-JZ 80	80,000		✓	✓	✓			
STS-JZ 60	60,000		✓	✓				
STS-JZ 45	45,000	✓	✓					
HEATER LENGTH		11'8"	21'4"	31'	40'8"	50'4"	60'	69'8"
SHIPPING WEIGHT (LBS.)		100	150	200	240	315	360	430

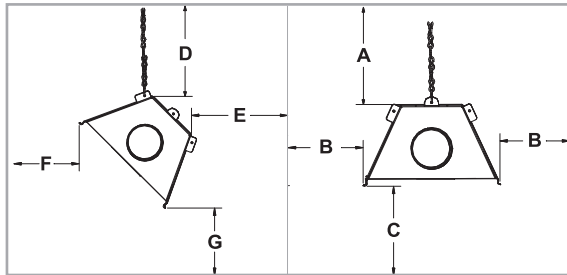
\*U.S.A.: SEA LEVEL TO 2,000FT ; de-rate heater 4% for each additional 1000ft of elevation, tube length must conform to firing rate.



## OPTIONAL ACCESSORIES

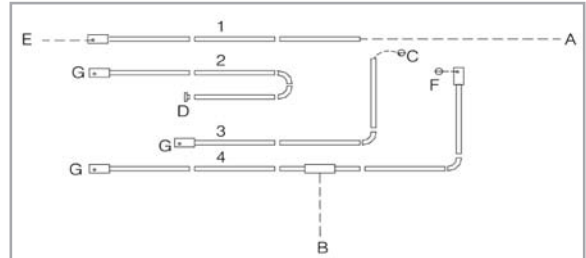
- |   | <u>Part Number</u> |
|---|--------------------|
| • 4" Horizontal Flue Vent Terminal (Wall)   | JA-0528-XX         |
| • Fresh Air Intake Wall Cap   | JS-0532-VC         |
| • 4"x4"x6" Vent Tee   | JA-0514-XX         |
| • 90° Elbow Kit with Reflector Cap<br>(Combine two 90° kits to create 180° elbow) | JS-0508-JZ         |
| • TruTemp Infrared Setback Thermostat   | JM-0150-XX         |
| • Hanging Chain (Box of 50 ft)  | JL-0798-XX         |
- Consult your Local Authorized Dealer for these other Schwank optional accessories:**
- Line Voltage & 24V Thermostat and Controls
  - Flexible Gas Connectors
  - Side Reflector Extensions

## CLEARANCES TO COMBUSTIBLES



MODEL	SUSPENDED AT AN ANGLE UP TO 45 DEGREES				SUSPENDED HORIZONTALLY		
	D	E	F	G	A	B	C
STS-JZ 200	6"	1"	57"	68"	6.5"	22"	68"
STS-JZ 175	4.5"	1"	47"	68"	5.5"	20"	68"
STS-JZ 155	3.5"	1"	44"	64"	5.5"	19"	64"
STS-JZ 130	3.3"	1"	35"	56"	4.5"	11"	60"
STS-JZ 110	2"	1"	26"	54"	3.5"	10"	54"
STS-JZ 80	1.75"	1"	23"	38"	3"	6"	36"
STS-JZ 60	1.5"	1"	17"	34"	2.5"	5.5"	34"
STS-JZ 45	5"	1"	29"	32"	4.5"	8.5"	32"

## FLEXIBLE LAYOUT



### System Configuration

1. Straight line
2. "U" Tube with 2 90° elbow kits
3. "L" Tube with 90° elbow kit
4. Common 6" TEE flue vent

### Venting Options

- A. Flue Vent through wall 4"
- B. Common Flue Vent through wall or roof 6"
- C. Flue Vent through roof
- D. Flue Vent into building, exhaust fan interlocked with heater
- E. Combustion air intake from outside through wall
- F. Combustion air intake from outside through roof
- G. Combustion air intake from inside building

### Schwank

invented the infra-red heater and we remain the world leader over 50 years later.

### primo Schwank



### supra Schwank

### eco Schwank



### agro Schwank

### SEM series



### STW-JZ

### patio Schwank



### 1100 series

### 4000 series



### HotTot

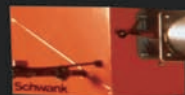
## Schwank

INNOVATIVE HEATING SOLUTIONS  
ISO 9001:2000 REGISTERED



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Actual photograph of 155,000 BTU/h flame inside a glass tube

See the difference!