

**Schwank**  
*infra-red gas heaters*

ISO 9001 REGISTERED



**Member of Schwank International Group of Companies**

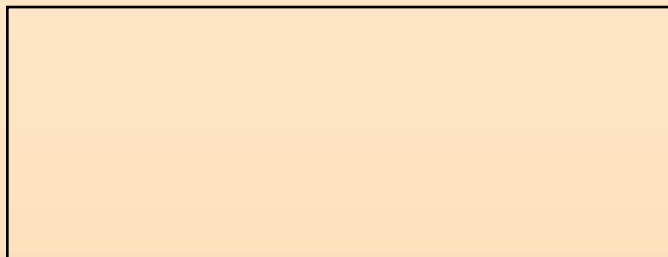
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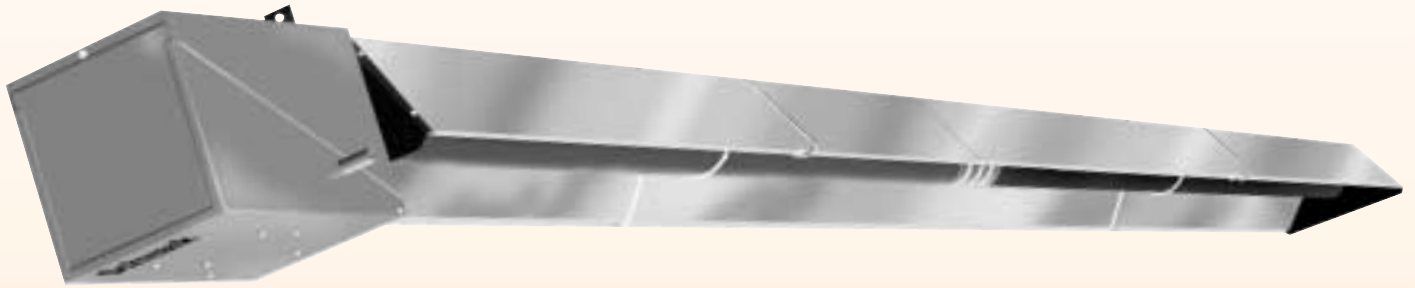
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# Schwank STSp

## infra-red radiant tube heaters

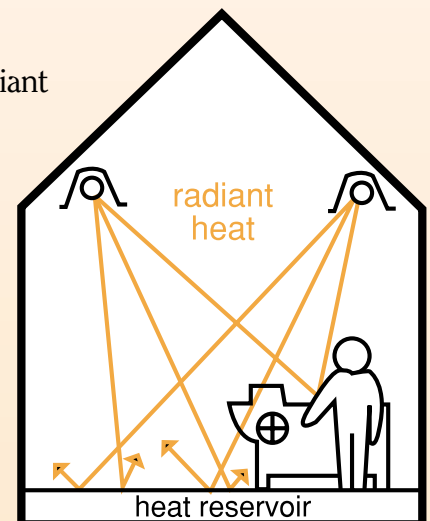
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## Breakthrough technology

Nothing compares to the breakthrough technology in STSp infra-red radiant tube heaters. Start with the unmatched energy efficiency that can cut your fuel bills by up to 35% or more – sufficient savings to qualify for many local Energy Efficiency Programs (Call your local gas utility for details). Then check out the many other features and benefits (see inside) that make the STSp the best of the best!

Remember, infra-red radiant heating eliminates the heat losses resulting from the stratification produced by hot-air heating. Why? Radiant heat is delivered directly to the work level where it is stored in the floor and other masses. These heat reservoirs continuously emit heat that maintains comfort even when the heating system cycles "off".

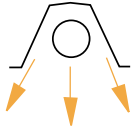
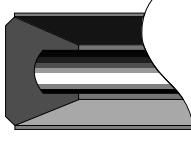
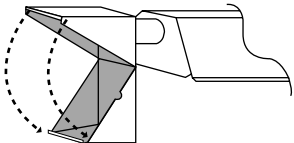


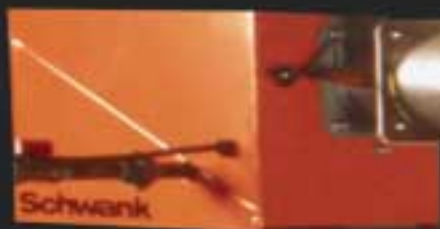
## The right heat at the right price

In any application. Or any price range. Schwank infra-red radiant gas heaters give you more heat for your money. Commercial, industrial, agriculture, portable, outdoor - we do it all – cost effectively.

Need low intensity tube heaters? Schwank offers an unmatched selection of tube heaters, single or double tube. Looking for high efficiency luminous (high intensity) infra-red heaters? Schwank is the world leader with the highest efficiencies and has the right luminous heater for every application. Better still, you always have the option of choosing economy performance or premium performance.

**Cuts  
fuel bills  
up to 35%  
or more**

Features	Benefits
Patented Ceramic <i>effectile</i> burner head and powerful direct-drive blower	<ul style="list-style-type: none"> <li>• Energy efficiency reduces fuel costs by up to 35% or more, compared to forced air heating</li> <li>• Produces a unique long flame for more even heat along length of tube</li> <li>• Technologically advanced whisper-quiet operation</li> </ul>
 Tall Focus Shield reflectors	<ul style="list-style-type: none"> <li>• Contain convection heat around tube for high radiant efficiency</li> <li>• Focuses infra-red heat to the work level</li> </ul>
Closed Reflector ends 	<ul style="list-style-type: none"> <li>• Over 12% more infra-red efficiency, compared to any other tube heater</li> <li>• Ensures reflector placement and stability</li> </ul>
Top mounted blower collar for inlet air	<ul style="list-style-type: none"> <li>• Combustion air inlet duct can be installed from any direction to bring in outside air</li> <li>• No need to worry about left-hand or right-hand connection</li> </ul>
Heavy-duty, swaged steel tubes with special emissive coating	<ul style="list-style-type: none"> <li>• Increases radiant output</li> <li>• Secure connections ensure integrity of the heater assembly</li> </ul>
Fold-down burner housing 	<ul style="list-style-type: none"> <li>• Quick, convenient access to all burner components and controls</li> <li>• Reduces service accessibility clearance</li> <li>• Burner operates with housing in opened service position</li> </ul>
Two separate air proving switches	<ul style="list-style-type: none"> <li>• Eliminates nuisance service calls associated with single differential air switches</li> </ul>
Controls can be serviced while heater is in operation	<ul style="list-style-type: none"> <li>• Faster and more accurate service</li> </ul>
Precision engineered by the technology leader	<ul style="list-style-type: none"> <li>• Dependable, long-term performance in capacities ranging from 45,000-200,000 BTU with natural gas or propane</li> </ul>
Installed in ten-foot lengths	<ul style="list-style-type: none"> <li>• Flexible layout</li> <li>• Easily installed by single installer</li> </ul>
Horizontal to 45° mounting angle	<ul style="list-style-type: none"> <li>• Adjustable to suit site conditions</li> </ul>
Time-proven design, backed by industry-best, 10-year, burner head and tube replacement warranty	<ul style="list-style-type: none"> <li>• Peace-of-mind operation</li> <li>• Longer heater life</li> </ul>
WP model for car wash/harsh environment	<ul style="list-style-type: none"> <li>• Dependable performance and durability in wet/harsh/outdoor applications</li> </ul>



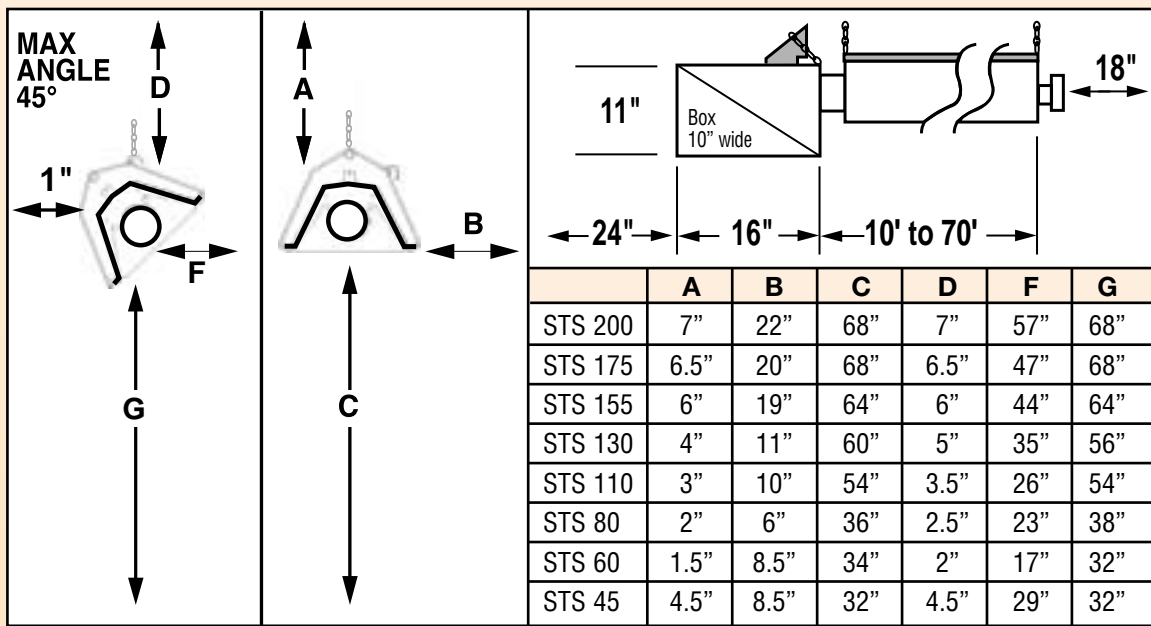
Actual photograph of 155,000 BTU/h flame inside glass tube.

## Dimensions and specifications - STSp Series

MODEL NO.	TOTAL TUBE LENGTHS	CAPACITY BTU / HOUR U.S.*: Sea Level to 2000 ft. Canada: Sea Level to 4500 ft.	FLUE & AIR VENT	GAS PRESSURE	ELECTRICAL REQ.	SHIPPING WEIGHT LBS.
STS 200-70 STS 200-60 STS 200-50	70' 60' 50'	200,000	4"	LINE MINIMUM 6" W.C. N.G. 11" W.C. L.P.	120V	335 299 263
STS 175-70 STS 175-60 STS 175-50	70' 60' 50'	175,000				335 299 263
STS 155-60 STS 155-50 STS 155-40	60' 50' 40'	155,000				281 248 215
STS 130-50 STS 130-40 STS 130-30	50' 40' 30'	130,000				248 215 172
STS 110-50 STS 110-40 STS 110-30	50' 40' 30'	110,000		MANIFOLD 3.5" W.C. N.G. 10" W.C. L.P.	145VA	248 215 172
STS 80-40 STS 80-30 STS 80-20	40' 30' 20'	80,000				215 172 139
STS 60-30 STS 60-20	30' 20'	60,000		1/2" INLET	60HZ	172 139
STS 45-20 STS 45-10	20' 10'	45,000				139 106

\*U.S. Only: Kits available for input reduction at altitudes above 2000 ft.

### Clearances to combustibles



## See the difference

The STS tube heater produces a 15-foot flame\*, resulting in more even heating and comfort along the length of the tube. Competing tube heaters are far less effective because they produce a much shorter flame in the 2-3 foot range. \*155,000 BTU