

Model HS

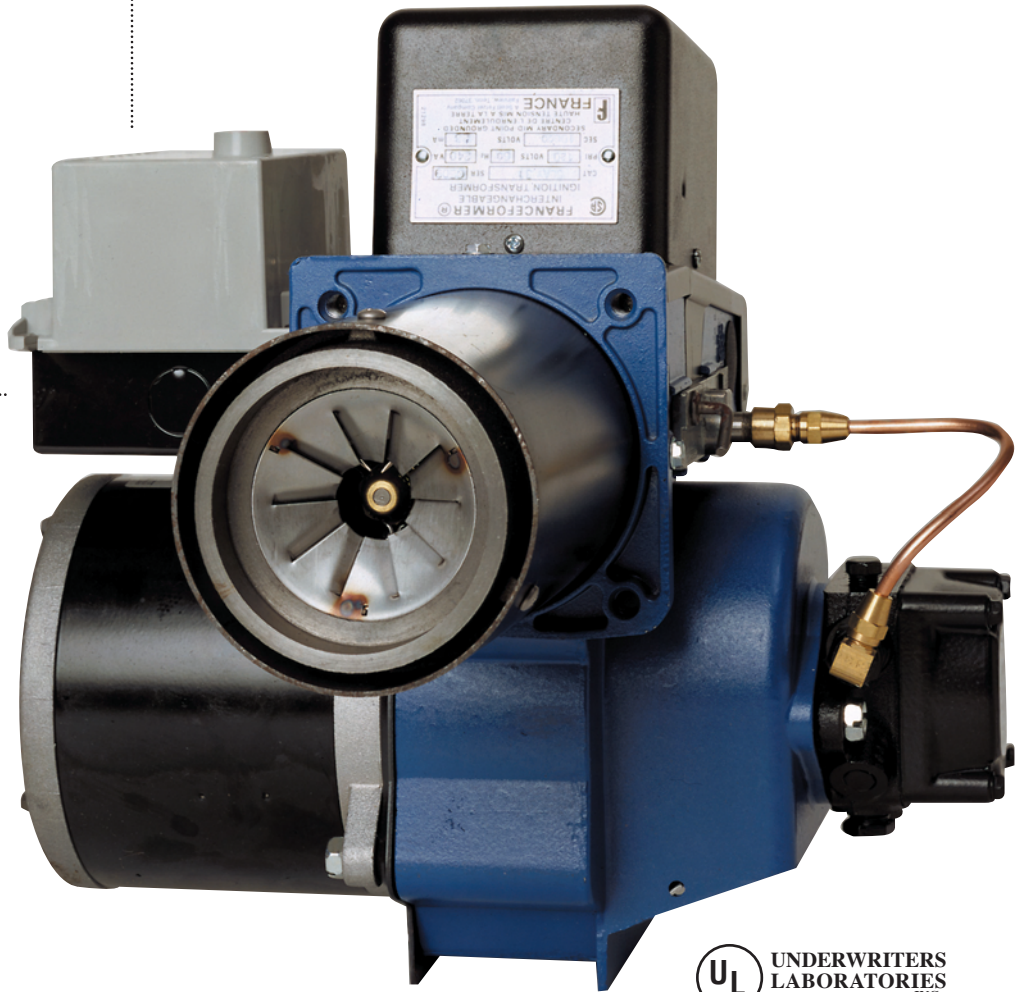
HS

OIL BURNERS



WE TAME THE FLAME

BA PLUS
BLUE ANGEL™



HS features:

All models provide superior reliability and ultra high efficiency. They offer the features and application coverage you need, and are easy to install and service. Exclusive flow design provides forced air delivery at twice the normal pressure for more efficient combustion, application versatility and better venting capability, even in poor draft installations. The Flamelock retention head makes it possible to achieve the precise flame size, shape and position needed for maximum efficiency, and every component is a standard, "off-the-shelf" part.

- Flamelock flame retention head
- Wide firing range (0.50 to 3.00 GPH)
- High static pressure
- Single-piece electrode system



Specifications

HS

OIL BURNERS

HS PLUS™ OIL BURNER

Capacity	0.50 GPH - 3.00 GPH (above 2.50 GPH requires optional Air Cone P/N 100531-001), No. 1 or No. 2 fuel oil.
Fuel Pump	Compact size 3450 RPM, single or two stage. Universally serviceable or replaceable.
Controls	Control mounting and wired, Cadmium Sulfide cell included.
Ignition	10,000 Volt, constant duty transformer, positive make or break contact with electrodes. Opens on top for easy servicing and removal of gun assembly.
Motor	Split phase, 1/7 Hp, 3450 RPM, 115 Volt NEMA standard.
Fan Housing	One-piece die cast aluminum alloy, assures positive alignment of all moving components for life of unit.
Mounting	Adjustable flange (standard w/fully assembled units) and/or Pedestal (optional).
Nozzle Adaptor	"No drip" adaptor insures immediate oil cut-off. Eliminates smoke, soot or after-drip.
Air Tube	4" OD, available in standard lengths of 6", 9", 12", 15" & 18".
Air Cone	Precision machined, cast iron construction. Perfect nozzle centering is assured.
Shipping Weight	Approximately 36 lbs.

HS PLUS™ MOD-PAK* OIL BURNER

* The modular approach to lowering your inventory costs with a small variety of housings, gun assemblies and air tubes to meet all requirements.

STANDARD MODEL HS MOD-PAK HOUSING PACKAGES

SPEC NUMBER	SINGLE OR TWO STAGE PUMP	SUNTEC PUMP SERIES	DESCRIPTION			
			J-BOX	45 SECOND CONTROL	CAD CELL	OIL VALVE
300-801C	SINGLE	A	●			
300-803C	SINGLE	A	●	●	●	
300-804C	TWO	B	●	●	●	
300-805C	SINGLE	A	●			

STANDARD MOD-PAK AIR TUBE/GUN ASSEMBLY PACKAGES

FIRING RATE	AIR TUBE LENGTH					
	4"	6"	9"	12"	15"	18"
0.50-3.00*	30884-005C	30884-013C	30884-025C	30884-049C	30884-049C	30884-061C

*NOTE: FOR FIRING RATES 2.50-3.00 AN OPTIONAL AIR CONE P/N 100531-001 IS ALSO REQUIRED.

NOTE: NOZZLE NOT SUPPLIED, DELAVAN BRAND NOZZLES RECOMMENDED.

MOUNTING PACKAGES

Specify: 21724-011 Adjustable Flange w/Gasket
21760-011 Pedestal Assembly

FULLY ASSEMBLED BURNER ORDERING INFORMATION

SPEC NUMBER	AIR TUBE LENGTH	PUMP STAGE & SERIES	DESCRIPTION			
			J-BOX	45 SECOND CONTROL	CAD CELL	OIL VALVE
300-711C	6"	SINGLE / A	●	●	●	
300-712C	6"	TWO / B	●	●	●	
300-713C	9"	SINGLE / A	●	●	●	
300-714C	9"	TWO / B	●	●	●	
300-715C	12"	SINGLE / A	●	●	●	
300-717C	15"	SINGLE / A	●	●	●	
300-718C	15"	TWO / B	●	●	●	
300-719C	18"	SINGLE / A	●	●	●	

COMPLETE BURNER ALL BLUE ANGEL PLUS™ MODEL HS FLAME RETENTION OIL BURNERS ARE AVAILABLE COMPLETELY ASSEMBLED AND TEST-FIRED WITH NOZZLE AND PRIMARY CONTROL INSTALLED. MODELS AVAILABLE FOR IMMEDIATE SHIPMENT INCLUDE AN ADJUSTABLE FLANGE WITH GASKET AS STANDARD.

SHIPPING INFORMATION UNITS INDIVIDUALLY CARTONED • WEIGHT 33-38 LBS PER UNIT • 27 UNITS PER PALLET (6"-9" UNITS), 18 UNITS PER PALLET 12"+ UNITS.

