

**STANDARD FEATURES**

- ◆ ¾ hp motor(s)
- ◆ Factory installed fan/heat switch
- ◆ Galvanized steel fan wheels & housings
- ◆ Aluminum airfoil shaped directional vanes
- ◆ Aluminum base frame
- ◆ White aluminum or stainless steel housing
- ◆ Keyhole slots in backplate for quick wall mounting
- ◆ UL Listed (United States & Canada)
- ◆ Two year parts warranty
- ◆ Crafted With Pride in the USA

**HEATER FEATURES**

- ◆ Helical coil with point suspension of elements for longer life
- ◆ Available single or three phase
- ◆ Easily replaceable heater elements
- ◆ Galvanized steel frame
- ◆ Thermally protected against overheating

**OPTIONAL FEATURES**

- ◆ Reduced kW available (consult factory)

MODEL WHITE ALUMINUM	MODEL STAINLESS STEEL	Nozzle Width (in)	Max. Vel. (fpm)	Avg. Outlet Velocity (fpm)	Air Volume (scfm)	# Motor(s) @ hp	Power Rating (kW)	Outlet Velocity Unif. (%)	# Fans	Electric Capacity (kW)	Temp Rise °F	Net Wgt. (lbs)	Ship Wgt. (lbs)
<b>CUSTOMER ENTRY MODELS</b>													
STF1036E	STF1036E-SS	36"	2700	1337	958	1 @ ¾	.51	81.4	2	10.0	33	55	71
STF1042E	STF1042E-SS	42"	2700	958	978	1 @ ¾	.33	78.9	2	10.0	32	56	81
STF1048E	STF1048E-SS	48"	2700	1011	966	1 @ ¾	.53	59.4	2	10.0	33	56	83
STF1060E-2*	STF1060E-SS-2*	60"	2700	692	1009	1 @ ¾	.33	26.0	2	10.0	31	63	95
STF1060E-3**	STF1060E-SS-3**	60"	2700	1005	1487	1 @ ¾	.50	70.0	3	15.0	32	65	121
STF1072E	STF1072E-SS	72"	2700	838	1467	1 @ ¾	.50	62.0	3	15.0	32	75	131
STF2072E	STF2072E-SS	72"	2700	1337	1916	2 @ ¾	1.02	81.4	4	20.0	33	100	140
<b>SERVICE ENTRY MODELS</b>													
STR1036E	STR1036E-SS	36"	3500	1965	1812	1 @ ¾	.68	79.6	2	10.0	18	52	71
STR1042E	STR1042E-SS	42"	3500	1716	1752	1 @ ¾	.75	78.6	2	10.0	18	55	81
STR1048E	STR1048E-SS	48"	3500	1504	1882	1 @ ¾	.73	54.6	2	10.0	18	56	83
STR1060E	STR1060E-SS	60"	3500	1225	1817	1 @ ¾	.74	27.0	2	10.0	18	63	95
STR2060E	STR2060E-SS	60"	3500	1805	2726	2 @ ¾	1.18	74.0	3	15.0	18	96	121
STR2072E	STR2072E-SS	72"	3500	1965	3624	2 @ ¾	1.36	71.9	4	20.0	18	100	140

\* Two blower system \*\*Three blower system For door widths in excess of 72" combine units.

<b>ELECTRIC HEATER DATA</b>							
ALUMINUM	STAINLESS STEEL	208/240/1*	208/3*	240/3*	480/3	600/3**	Temp. Rise °F @ kW
<b>CUSTOMER ENTRY MODELS</b>							
STF1036E	STF1036E-SS	7.5 or 10.0 kW	7.5 or 10.0 kW	7.5 or 10.0 kW	10.0 kW	10.0 kW	25° @ 7.5 Kw / 33° @ 10.0 kW
STF1042E	STF1042E-SS	7.5 or 10.0 kW	7.5 or 10.0 kW	7.5 or 10.0 kW	10.0 kW	10.0 kW	24° @ 7.5 kW / 32° @ 10.0 kW
STF1048E	STF1048E-SS	7.5 or 10.0 kW	7.5 or 10.0 kW	7.5 or 10.0 kW	10.0 kW	10.0 kW	24° @ 7.5 kW / 33° @ 10.0 kW
STF1060E-2	STF1060E-SS-2	7.5 or 10.0 kW	7.5 or 10.0 kW	7.5 or 10.0 kW	10.0 kW	10.0 kW	23° @ 7.5 kW / 31° @ 10.0 kW
STF1060E-3	STF1060E-SS-3	N/A	15.0 kW	15.0 kW	15.0 kW	15.0 kW	32° @ 15.0 kW
STF1072E	STF1072E-SS	N/A	15.0 kW	15.0 kW	15.0 kW	15.0 kW	32° @ 15.0 kW
STF2072E	STF2072E-SS	N/A	15.0 or 20.0 kW	15.0 or 20.0 kW	20.0 kW	20.0 kW	25° @ 15.0 kW / 33° @ 20.0 kW
<b>SERVICE ENTRY MODELS</b>							
STR1036E	STR1036E-SS	7.5 or 10.0 kW	7.5 or 10.0 kW	7.5 or 10.0 kW	10.0 kW	10.0 kW	14° @ 7.5 kW / 18° @ 10.0 kW
STR1042E	STR1042E-SS	7.5 or 10.0 kW	7.5 or 10.0 kW	7.5 or 10.0 kW	10.0 kW	10.0 kW	14° @ 7.5 kW / 18° @ 10.0 kW
STR1048E	STR1048E-SS	7.5 or 10.0 kW	7.5 or 10.0 kW	7.5 or 10.0 kW	10.0 kW	10.0 kW	14° @ 7.5 kW / 18° @ 10.0 kW
STR1060E	STR1060E-SS	7.5 or 10.0 kW	7.5 or 10.0 kW	7.5 or 10.0 kW	10.0 kW	10.0 kW	14° @ 7.5 kW / 18° @ 10.0 kW
STR2060E	STR2060E-SS	N/A	15.0 kW	15.0 kW	15.0 kW	15.0 kW	18° @ 15.0 kW
STR2072E	STR2072E-SS	N/A	15.0 or 20.0 kW	15.0 or 20.0 kW	20.0 kW	20.0 kW	14° @ 15.0 kW / 18° @ 20.0 kW

\*Two circuits are required when combined amp draw of motor(s) and heater(s) is greater than 48 amps.

\*\*A separate 120/208 or 240/1 circuit required for the motor.

<b>MOTOR VOLTAGES/AMP DRAWS</b>			
Horsepower	3/4	3/4	3/4
Volts	120	208/240	480
Phase	1	1	1
Hertz**	50/60	50/60	50/60
Amps per Motor	7.5	3.8	1.8

\*\*Operation at 50 HZ will generate approximately a 17% reduction in performance.



	<b>HEATER AMP DRAWS @ kW</b>					
	208/1	240/1	208/3	240/3	480/3	600/3
10.0 kW	48.0*	41.7	27.8	24.1	12.0	10
15.0 kW	N/A	62.5*	41.6	36.1	18.0	15.1
20.0 kW	N/A	83.3*	55.1*	48.1*	24.1	20.1

\*total heater amp draw; two circuits required

Sound level measured 10' (3m) from the unit in free field:  
STF-E 58 dBA  
STR-E 67 dBA

Berner reserves the right to alter specifications without prior notice.