



B-1148

2015 Hurst S5-X-350-200



GENERAL DESIGN

STANDARDS & CERTIFICATIONS



ASME Section I



National Board
Registered



NFPA-85 Build
Standard



Hartford Steam
Boiler Inspected

MANUFACTURER (OEM)	Hurst
YEAR	2015
SERIAL NO.	S1750-200-8
NATIONAL BOARD NO.	20954
CRN NO.	R1956.5
MODEL	S5-X-350-200
TYPE	Scotch
DESIGN	Four-Pass Wet Back Firetube
MOUNTING	Saddles & Skid-Mounted
INTERNAL	Corrugated Furnace & Straight Tubes



CAPACITIES & INPUTS

OUTPUT CAPACITY	12,075 LB/HR
HORSEPOWER	350 BHP
DESIGN PRESSURE (MAWP)	200 PSIG
OPERATING RANGE	15 - 185 PSIG
HEATING SURFACE	1,750 ft ²
MAX. FUEL INPUT	13,269,820 BTU/HR
STANDARD FUELS ¹	Natural Gas & #2 Fuel Oil
ADDITIONAL FUELS ²	
INPUT GAS PRESSURE	MIN: 2.0 PSIG
TURNDOWN RATIOS	2.9:1
EMISSION RATING (NOX)	NG: 30 PPM

¹ Standard Fuels: Boiler comes ready to burn these fuels including fuel train, safety devices, integral wiring and delivery systems.

² Additional Fuels: Boiler is capable of running on these fuels but requires modifications to the burner, fuel delivery systems and wiring, at additional cost.



BURNER AND ELECTRICAL

BURNER MANUFACTURER (OEM)	Oilon
MODEL	GKP-600M WD200
TYPE	Full Modulation
FLUE GAS RECIRCULATION (FGR)	Yes
ELECTRIC	460V/3PH/60Hz
ATOMIZATION	Pressure
CONTROL TYPE	Parallel Positioning
BOILER CONTROL SYSTEM	-
BURNER MANAGMENT SYSTEM	Siemens LMV52
FLAME SAFEGUARD	IR Scanner
BLOW MOTOR	20 HP
BURNER INSTALLED	Yes
PILOT TYPE	NG / Spark
INSTRUMENT AIR	None
AIR COMPRESSOR	Not Required



DIMENSIONS AND WEIGHTS

OVERALL LENGTH	21' 9"
OVERALL HEIGHT	9' 1"
OVERALL WIDTH	8' 6"
SHIPPING WEIGHT	30,746 LBS
OPERATING WEIGHT	46,795 LBS
BOILER OUTLET	10" \varnothing 300# FLG.
EXHAUST OUTLET	20" \varnothing OD





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