



INLET WATER TEMPERATURE	MINIMUM WATER FLOW AT 100% WATER		
	HX160	HX320	HX500
150°F (66°C)	9 GPM (34 L/MIN)	13 GPM (49 L/MIN)	N/A
160°F (71°C)	8 GPM (30 L/MIN)	11 GPM (42 L/MIN)	13 GPM (49 L/MIN)
170°F (77°C)	7 GPM (26 L/MIN)	9 GPM (34 L/MIN)	12 GPM (45 L/MIN)
180°F (82°C)	5 GPM (19 L/MIN)	8 GPM (30 L/MIN)	11 GPM (42 L/MIN)

NOTES:

1. INSTALL PER NFPA 58 AND APPLICABLE LOCAL CODES.
2. INSTALL VAPORIZER 1ST STAGE REGULATOR UPSTREAM OF TANK VAPOR BYPASS LINE CONNECTION POINT.
3. SET VAPORIZER 1ST STAGE REGULATOR 2-4 PSIG HIGHER THAN TANK 1ST STAGE REGULATOR SET POINT.
4. LIQUID PIPING LOSSES BETWEEN VAPORIZER AND THE TANK MUST NOT EXCEED HYDROSTATIC HEAD WHEN THE PUMP IS OFF.
5. INSTALL VAPORIZER 1ST STAGE REGULATOR UPSTREAM OF THE TANK VAPOR PRESSURE CONNECTION POINT.
6. NO CHECK VALVES IN LIQUID LINE. LIQUID MUST BE ABLE TO FLOW IN BOTH DIRECTIONS.
7. HOT WATER SUPPLY PIPING MUST BE INSULATED TO MINIMIZE HEAT LOSSES.
8. 30% PROPYLENE GLYCOL/70% WATER CONTENT IS RECOMMENDED. MAXIMUM ALLOWED PROPYLENE GLYCOL CONTENT 50%. SEE O&M MANUAL FOR WATER/PROPYLENE GLYCOL MAINTENANCE PROCEDURE.

INLET WATER TEMPERATURE	MINIMUM WATER FLOW AT 30% GLYCOL		
	HX160	HX320	HX500
150°F (66°C)	10 GPM (38 L/MIN)	14 GPM (53 L/MIN)	N/A
160°F (71°C)	9 GPM (34 L/MIN)	12 GPM (45 L/MIN)	14 GPM (53 L/MIN)
170°F (77°C)	8 GPM (30 L/MIN)	10 GPM (38 L/MIN)	13 GPM (49 L/MIN)
180°F (82°C)	6 GPM (23 L/MIN)	9 GPM (34 L/MIN)	12 GPM (45 L/MIN)

THIRD ANGLE PROJECTION



DO NOT SCALE DRAWING

INTERPRET THIS DRAWING IN ACCORDANCE WITH ANSI/ASME Y14.5-2009
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TOLERANCES

UNLESS OTHERWISE SPECIFIED
.X ± 0.1
.XX ± 0.06
.XXX ± 0.030
ANGLE ± 0°30'
FRACTIONS ± 1/16"



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Part #

Drawn By: A. FIGLIOLI

Checked By: DN

Approved By:

Date: 7/14/11

Scale: 1:20 AND NOTED

Job # A.S.D.I. STD.

HYDREXX FIELD INSTALLATION WITH PUMP AND WALL MOUNT BOILER

Size: B

Dwg. #

1801-8001

Sht. No.: 1 of 1

Rev.: E