



Master Stream 3200

(Supplement TO LIM-030)

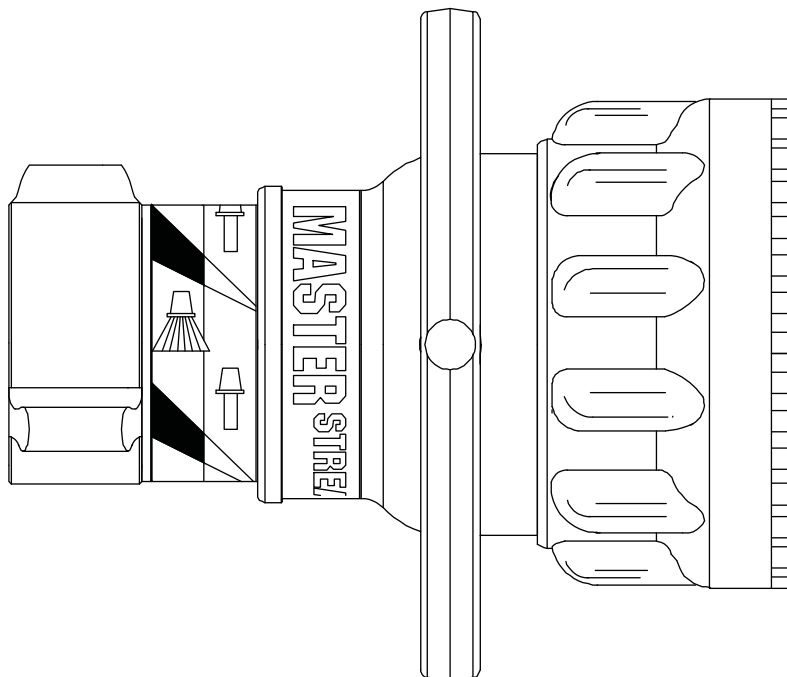
INSTRUCTIONS FOR INSTALLATION, SAFE OPERATION AND MAINTENANCE

⚠ WARNING

Read instruction manual before use. Operation of this device without understanding the manual and receiving proper training is a misuse of this equipment. A person who has not read and understood all operating and safety instructions is not qualified to operate any of the Master Stream Series Nozzles.

This instruction manual is intended to familiarize firefighters and maintenance personnel with the operation, servicing and safety procedures associated with the Master Stream Series firefighting nozzles.

This manual should be kept available to all operating and maintenance personnel.



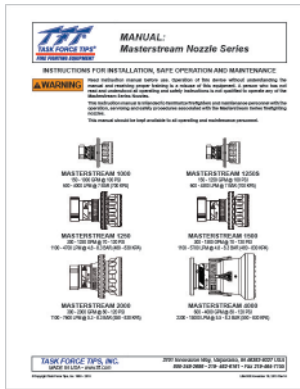
MASTER STREAM 3200

1600/2400/3200 L/MIN @ 8 BAR

FIXED/SELECTABLE SERIES	FLOW SETTING	PRESSURE	K FACTOR	STANDARD COUPLING
	LPM	BAR, KPA/80		
MASTER STREAM 3200 SELECTABLE	1600	8	39	2.5" NH FEMALE
MASTER STREAM 3200 SELECTABLE	2400	8	59	2.5" NH FEMALE
MASTER STREAM 3200 SELECTABLE	3200	8	78	2.5" NH FEMALE

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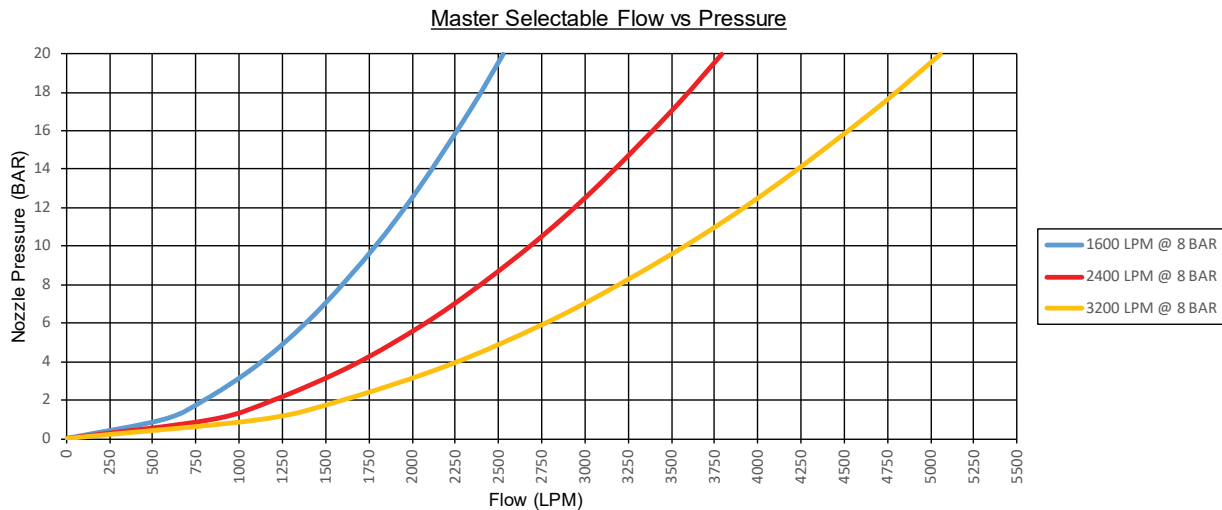
3701 Innovation Way, Valparaiso, IN 46383-9327 USA
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This manual is intended to be used in conjunction with LIM-030 operation manual. LIM-030 must be read before operating any Masterstream nozzle. All TFT required reading materials can be located at the following URL (tft.com/literature).

FLOW CHARACTERISTICS OF MASTER STREAM 3200 SELECTABLE NOZZLE

The Master Stream 3200 Selectable Nozzle allows the user to select one of several orifice sizes by turning a knob at the front of the nozzle. An indicator on the knob shows which flow has been selected.

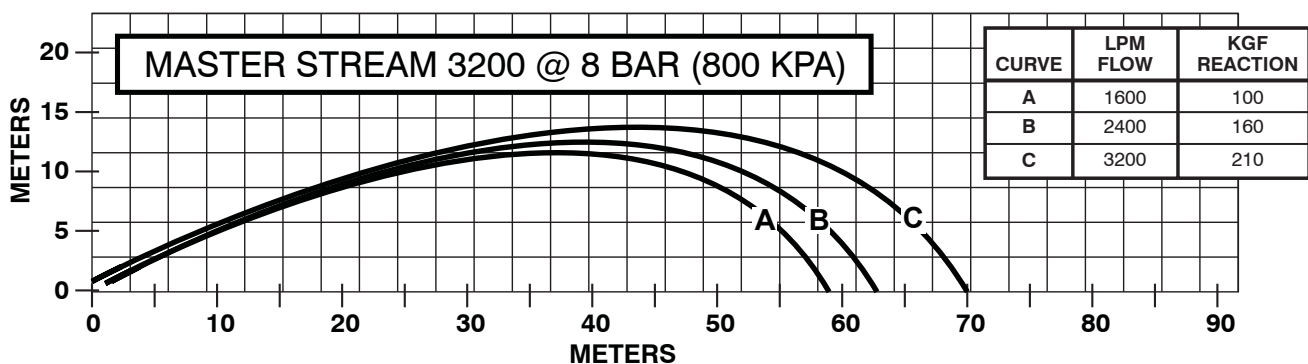


STREAM TRAJECTORY DATA

The graph gives the stream trajectory for the Master Stream Series nozzles at various flows.

Notes on trajectory graph:

- Graphs show approximate effective stream trajectory at 30 degrees elevation in no wind conditions. Distance to last water drops approximately 10% farther.
- To estimate trajectories at elevations other than 30 degrees, refer to document LTT-135, available at tft.com.
- Trajectories shown are for water. The addition of foam is expected to decrease the reach by 10%.
- Tail or head winds of 20 MPH (30 KPH) may increase or decrease the range approximately 30%.
- Stream trajectory of Master Stream 3200 based on "The Trajectories of Large Fire Fighting Jets" by A.P. Hatton and M.J. Osborne, Reference: "The International Journal of Heat and Fluid Flow", Vol 1 No 1.



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