



**H & R MECHANICAL SYSTEMS**  
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DATE: 01-28-2020

QUOTE No: 2020-238

TO: Justin

FAX NO.: 425-

OF: Cadman Kenmore

FROM: Frederic Soulier

Reference: Plant equipment

Informational:

Your current fan discharge stack is 32.50" x 38.25".

The cross-sectional area, of the inside of the stack, is 1225 sq. in.

The new fan discharge stack is 40" in diameter.

The cross-sectional area, of the inside of the stack, is 1233 sq. in.

The performance of the new stack, post-modifications, should be identical to  
the original design.

Please note, the cross-section area calcs were done minus material thickness.

Sincerely,

H & R Mechanical Systems, Inc.

Frederic Soulier