



DIMENSIONS SHOWN AS: inches (mm)

EXCHANGER SIZE	DIMENSIONS											
	A		B		C		D		N1		N2	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
WSX-102-4E4	51 3/8	1305	24 1/2	622	15 1/4	387	27	686	4	102	1 1/2	38
WSX-103-4E4	63 3/8	1610	36 1/2	927	27 1/4	692	39	991	4	102	1 1/2	38
WSX-104-4E4	75 3/8	1915	48 1/2	1232	39 1/4	997	51	1295	6	152	2	51
WSX-105-4E4	87 3/8	2219	60 1/2	1537	51 1/4	1302	63	1600	6	152	2	51
WSX-106-4E4	99 3/8	2524	72 1/2	1842	63 1/4	1607	75	1905	6	152	2	51
WSX-107-4E4	111 3/8	2829	84 1/2	2146	75 1/4	1911	87	2210	6	152	2	51
WSX-108-4E4	123 3/8	3134	96 1/2	2451	87 1/4	2216	99	2515	6	152	2	51
WSX-109-4E4	135 3/8	3439	108 1/2	2756	99 1/4	2521	111	2819	6	152	2	51
WSX-1010-4E4	147 3/8	3743	120 1/2	3061	111 1/4	2826	123	3124	6	152	2	51
WSX-1011-4E4	159 3/8	4048	132 1/2	3366	123 1/4	3131	135	3429	6	152	2	51
WSX-1012-4E4	171 3/8	4353	144 1/2	3670	135 1/4	3435	147	3734	6	152	2	51
WSX-1013-4E4	183 3/8	4658	156 1/2	3975	147 1/4	3740	159	4039	6	152	2	51
WSX-1014-4E4	195 3/8	4963	168 1/2	4280	159 1/4	4045	171	4343	6	152	2	51
WSX-1015-4E4	207 3/8	5267	180 1/2	4585	171 1/4	4350	183	4648	6	152	2	51

NOZZLE SCHEDULE

SERVICE	MARK	SHELL SIDE	MARK	TUBE SIDE
INLET	N1	AS PER TABLE	N5	3 (76) FLG
OUTLET	N2	AS PER TABLE	N6	3 (76) FLG
DRAIN	N3	1/2 (13) NPT	N7	1/2 (13) NPT
VENT	N4	3/4 (19) NPT		

- NOTES: 1. SUPPORTS SUPPLIED ONLY IF SPECIFIED ON ORDER.
 2. NOZZLE SIZES SHOWN ARE RECOMMENDED FOR MAXIMUM EXCHANGER LIFE.
 3. FABRICATED TO ASME CODE SECTION VIII DIVISION 1 AND LATEST ADDENDA.
 4. DRAWING IS NOT TO SCALE.
 5. ALL DIMN'S ±1/8 (3) UNLESS OTHERWISE SHOWN.

DESIGN CONDITIONS

	SHELL		TUBES	
	PSIG	KPa	PSIG	KPa
DESIGN PRESSURE	150	1034	150	1034
DESIGN TEMPERATURE	375 °F	191 °C	375 °F	191 °C
MIN. DESIGN METAL TEMP.	35 °F	1.7 °C	35 °F	1.7 °C
HYDRO. TEST PRESSURE	225	1551	225	1551
CONTENTS	STEAM		WATER	

CUSTOMER:
LOCATION:

ENGINEER:

ORDER No.:

PROJECT/JOB:

LOCATION:

TAG:

(QUOTE #)

TITLE G.A. 150 LB. WSX SERIES
HEAT EXCHANGERS

A R M S T R O N G

TORONTO - CANADA MONTREAL - CANADA BUFFALO - N. Y. COLCHESTER - U.K.

TEL: (416) 755-2291 TEL: (514) 421-2424 TEL: (716) 693-8813 TEL: (44) 120-657-9491

NUMBER

WSX-10-4P-E4

REV.

DATE: 12/01/94

BY: D.C.R.