



EXCHANGER SIZE	DIMENSIONS											
	A		B		C		D		(N1)		(N2)	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
WSX-102-4-3	30 1/8	765	12 1/2	318	4 1/2	114	30	762	4	102	1 1/2	38
WSX-103-4-3	42 1/8	1070	24 1/2	622	16 1/2	419	42	1067	4	102	1 1/2	38
WSX-104-4-3	54 1/8	1375	36 1/2	927	28 1/2	724	54	1372	6	152	2	51
WSX-105-4-3	66 1/8	1680	48 1/2	1232	40 1/2	1029	66	1676	6	152	2	51
WSX-106-4-3	78 1/8	1984	60 1/2	1537	52 1/2	1334	78	1981	6	152	2	51
WSX-107-4-3	90 1/8	2289	72 1/2	1842	64 1/2	1638	90	2286	6	152	2	51
WSX-108-4-3	102 1/8	2594	84 1/2	2146	76 1/2	1943	102	2591	6	152	2	51
WSX-109-4-3	114 1/8	2899	96 1/2	2451	88 1/2	2248	114	2896	6	152	2	51
WSX-1010-4-3	126 1/8	3204	108 1/2	2756	100 1/2	2553	126	3200	6	152	2	51
WSX-1011-4-3	138 1/8	3508	120 1/2	3061	112 1/2	2858	138	3505	6	152	2	51
WSX-1012-4-3	150 1/8	3813	132 1/2	3366	124 1/2	3162	150	3810	6	152	2	51
WSX-1013-4-3	162 1/8	4118	144 1/2	3670	136 1/2	3467	162	4115	6	152	2	51
WSX-1014-4-3	174 1/8	4423	156 1/2	3975	148 1/2	3772	174	4420	6	152	2	51
WSX-1015-4-3	186 1/8	4728	168 1/2	4280	160 1/2	4077	186	4724	6	152	2	51

NOZZLE SCHEDULE				
SERVICE	MARK	SHELL SIDE	MARK	TUBE SIDE
INLET	(N1)	AS PER TABLE	(N5)	3 (76) NPT
OUTLET	(N2)	AS PER TABLE	(N6)	3 (76) NPT
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	
DESIGN PRESSURE	150 PSIG	1034 KP <sub>0</sub>	150 PSIG	1034 KP <sub>0</sub>
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 PSIG	1551 KP <sub>0</sub>	225 PSIG	1551 KP <sub>0</sub>
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				NUMBER	WSX-10-4P-3	REV.
DATE:	12 / 01 / 94	BY:	D.C.R.	TORONTO - CANADA	MONTREAL - CANADA	BUFFALO - N. Y.	COLCHESTER - U.K.	
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