



EXCHANGER SIZE *-BAFFLE SPACING	DIMENSIONS															
	A		B		C		D		N1		N2					
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm				
WS3H-123-2*-E3	54	5/8	1387	36	3/4	933	22	1/2	572	38	965	6	152	2	51	
WS3H-124-2*-E3	66	5/8	1692	48	3/4	1238	34	1/2	876	50	1270	6	152	2	51	
WS3H-125-2*-E3	78	5/8	1997	60	3/4	1543	46	1/2	1181	62	1574	6	152	2	51	
WS3H-126-2*-E3	90	5/8	2302	72	3/4	1848	58	1/2	1486	74	1879	6	152	2	51	
WS3H-127-2*-E3	102	5/8	2607	84	3/4	2153	70	1/2	1791	86	2184	8	203	2	1/2	64
WS3H-128-2*-E3	114	5/8	2911	96	3/4	2457	82	1/2	2096	98	2489	8	203	2	1/2	64
WS3H-129-2*-E3	126	5/8	3216	108	3/4	2762	94	1/2	2400	110	2794	8	203	2	1/2	64
WS3H-1210-2*-E3	138	5/8	3521	120	3/4	3067	106	1/2	2705	122	3098	8	203	2	1/2	64
WS3H-1211-2*-E3	150	5/8	3826	132	3/4	3372	118	1/2	3010	134	3403	8	203	2	1/2	64
WS3H-1212-2*-E3	162	5/8	4131	144	3/4	3677	130	1/2	3315	146	3708	8	203	2	1/2	64
WS3H-1213-2*-E3	174	5/8	4435	156	3/4	3981	142	1/2	3620	158	4013	8	203	2	1/2	64
WS3H-1214-2*-E3	186	5/8	4740	168	3/4	4286	154	1/2	3924	170	4318	8	203	2	1/2	64
WS3H-1215-2*-E3	198	5/8	5045	180	3/4	4591	166	1/2	4229	182	4623	8	203	2	1/2	64

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		
VENT	N4	3/4 (19) NPT		

NOTES: 1. SUPPORTS SUPPLIED ONLY IF SPECIFIED ON ORDER.
 2. NOZZLE SIZES SHOWN ARE RECOMMENDED FOR MAX. EXCHANGER LIFE, NO EXTERNAL FORCES APPLY.
 3. FABRICATED TO ASME CODE SECTION VIII DIVISION 1 AND LATEST ADDENDA.
 4. DRAWING IS NOT TO SCALE.
 5. ALL DIM'S ±1/8 (3) UNLESS OTHERWISE SHOWN.

DESIGN CONDITIONS				
	SHELL		TUBES	
DESIGN PRESSURE	300 PSIG	2068 KPa	300 PSIG	2068 KPa
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	450 PSIG	3102 KPa	450 PSIG	3102 KPa
CONTENTS	STEAM		WATER	

CUSTOMER:
 LOCATION:
 ENGINEER:
 ORDER No.:
 PROJECT/JOB:
 LOCATION:
 TAG: (QUOTE #)

TITLE G.A. 300 LB. WS SERIES HEAT EXCHANGERS	A R M S T R O N G				NUMBER WS3H-12-2P-E3	REV.
DATE: 04 / 27 / 01 BY: J.R.	TORONTO - CANADA TEL : (416) 755-2291	MONTREAL - CANADA TEL : (514) 421-2424	BUFFALO - N. Y. TEL: (716) 693-8813	COLCHESTER - U.K. TEL: (44) 120-657-9491		