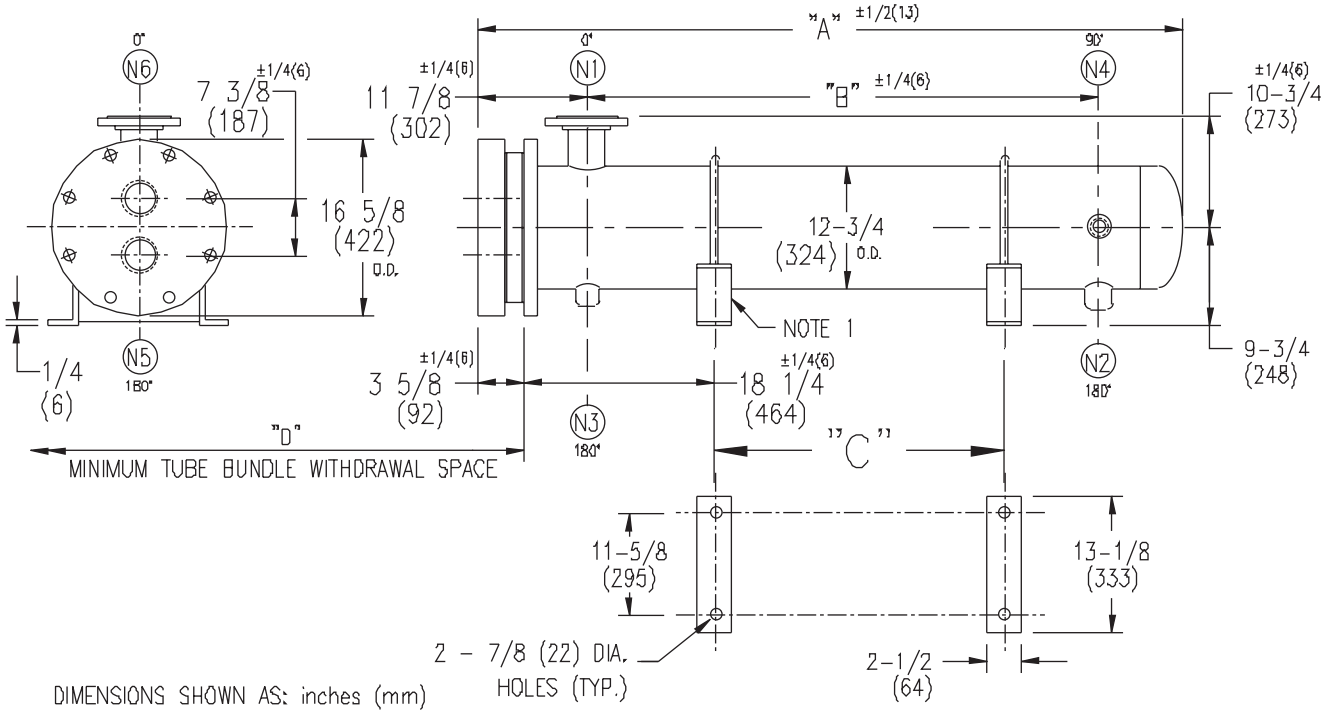
ARMSTRONG®



DIMENSIONS SHOWN AS: inches (mm)

EXCHANGER SIZE	DIMENSIONS											
	A		B		C		D		N1		N2	
*-BAFFLE SPACING	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
WS3T-123-2*-3	40 7/8	1038	22 1/4	565	8 3/4	222	38	965	6	152	2	51
WS3T-124-2*-3	52 7/8	1343	34 1/4	870	20 3/4	527	50	1270	6	152	2	51
WS3T-125-2*-3	64 7/8	1648	46 1/4	1175	32 3/4	832	62	1574	6	152	2	51
WS3T-126-2*-3	76 7/8	1953	58 1/4	1480	44 3/4	1137	74	1879	6	152	2	51
WS3T-127-2*-3	88 7/8	2257	70 1/4	1784	56 3/4	1441	86	2184	8	203	2 1/2	64
WS3T-128-2*-3	100 7/8	2562	82 1/4	2089	68 3/4	1746	98	2489	8	203	2 1/2	64
WS3T-129-2*-3	112 7/8	2867	94 1/4	2394	80 3/4	2051	110	2794	8	203	2 1/2	64
WS3T-1210-2*-3	124 7/8	3172	106 1/4	2699	92 3/4	2356	122	3098	8	203	2 1/2	64
WS3T-1211-2*-3	136 7/8	3477	118 1/4	3004	104 3/4	2661	134	3403	8	203	2 1/2	64
WS3T-1212-2*-3	148 7/8	3781	130 1/4	3308	116 3/4	2965	146	3708	8	203	2 1/2	64
WS3T-1213-2*-3	160 7/8	4086	142 1/4	3613	128 3/4	3270	158	4013	8	203	2 1/2	64
WS3T-1214-2*-3	172 7/8	4391	154 1/4	3918	140 3/4	3575	170	4318	8	203	2 1/2	64
WS3T-1215-2*-3	184 7/8	4696	166 1/4	4223	152 3/4	3880	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 DIMN'S ±1/8 (3) UNLESS OTHERWISE SHOWN.

DESIGN CONDITIONS

	SHELL		TUBES	
DESIGN PRESSURE	150 PSIG	1034 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	225 PSIG	1551 KPa	450 PSIG	3102 KPa
CONTENTS	STEAM		WATER	

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

TITLE C.A. 300 LB. WS SERIES HEAT EXCHANGERS

DATE: 04 / 05 / 01 BY: J.R.

A R M S T R O N G

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BUFFALO - N. Y. TEL: (716) 693-8813
COLCHESTER - U.K. TEL: (44) 120-657-9491

NUMBER WS3T-12-2P-3

REV.

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