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		IDENT CLASS GROUP NOTE			BILL OF MATERIAL		IDENT CLASS GROUP NOTE				BILL OF MATERIAL		IDENT CLASS GROUP NOTE			BILL OF MATERIAL				
REQUIRED 02	01	ITEM	NOTE	IDENT	PART NAME	(SIZE) REFERENCE INFORMATION	REQUIRED 02	01	ITEM	NOTE	IDENT	PART NAME	(SIZE) REFERENCE INFORMATION	REQUIRED 02	01	ITEM	NOTE	IDENT	PART NAME	(SIZE) REFERENCE INFORMATION
	48	01			HEX HEAD SCREW (3/4-10 X 1" LONG)	ASTM A193, CLASS 1, B8 (MIN. OR APPR. EQUAL)		AR	44			MODERATOR - LOWER SXN. 3	UHMW POLYETHYLENE			83			TOP PILLOW SPUN HEAD - INNER	ASTM A240 304 STAINLESS STEEL
	AR	02			FHCS (1/2-13 UNC X .75" LONG)	304 STAINLESS STEEL		AR	45			MODERATOR - LOWER SXN. 4	UHMW POLYETHYLENE			84			TOP PILLOW FOAM	POLYURETHANE
	24	03			LOCK WASHER (3/4)	304 STAINLESS STEEL		AR	46			MODERATOR - LOWER SXN. 5	UHMW POLYETHYLENE			85			TOP PILLOW BACK PLATE	ASTM A240 304 STAINLESS STEEL
	1	04			UPPER OUTER SHELL (SXN. 1)	ASTM A240 304 STAINLESS STEEL		AR	47			MODERATOR - LOWER SXN. 6	UHMW POLYETHYLENE		AR	86			HINGE	304 STAINLESS STEEL
	1	05			UPPER OUTER SHELL (SXN.2)	ASTM A240 304 STAINLESS STEEL		4	48			END RIB MODERATOR COVER (RH)	ASTM A240 304 STAINLESS STEEL			87			BASE EXTRUSION / MACHINING	ASTM B209/B221 6005-T5 ALUMINUM
	1	06			UPPER INNER SHELL	ASTM A240 304 STAINLESS STEEL		AR	49			MODERATOR CENTER COVER	ASTM A240 304 STAINLESS STEEL			88			BOTTOM PLATE	ASTM B209/B221 6061-T6 ALUMINUM
	1	07			UPPER OUTER HEAD (SXN. 1)	ASTM A240 304 STAINLESS STEEL		AR	50			MODERATOR END COVER - LG.	ASTM A240 304 STAINLESS STEEL		AR	89			50 IN.DOOR HINGE MACHINED	ASTM B209/B221 6005-T5 ALUMINUM
	1	08			UPPER OUTER HEAD (SXN. 2)	ASTM A240 304 STAINLESS STEEL		AR	51			MODERATOR END COVER - SHORT	ASTM A240 304 STAINLESS STEEL		AR	90			FHCS (1/2-13 X 1.00" LONG)	304 STAINLESS STEEL
	1	09			LIMITER END CAP	ASTM A240 304 STAINLESS STEEL		AR	52			CERAMIC PAPER (LOWER)	CERAMIC FIBER		AR	91			SPRING PLUNGER	304 STAINLESS STEEL
	1	10			END SEAM COVER	ASTM A240 304 STAINLESS STEEL		48	53			WELD STUD	304 STAINLESS STEEL			92	B		POISON PLATE - UPPER LEFT SIDE BASE	COMPOSITE BORON PLATE OR BORATED AL
	1	11			END SEAM COVER SPACER	ASTM A240 304 STAINLESS STEEL		48	54			WELD STUD HEX NUT	304 STAINLESS STEEL			93	B		POISON PLATE - LOWER LEFT SIDE BASE	COMPOSITE BORON PLATE OR BORATED AL
	1	12			BOTTOM SEAM COVER	ASTM A240 304 STAINLESS STEEL		AR	55			HEAT SEAL	FIBERGLASS			94	B		POISON PLATE - UPPER RIGHT SIDE BASE	COMPOSITE BORON PLATE OR BORATED AL
	1	13			BOTTOM SEAM COVER SPACER	ASTM A240 304 STAINLESS STEEL		AR	56			10 PCF FOAM (LOWER)	POLYURETHANE			95	B		POISON PLATE - LOWER RIGHT SIDE BASE	COMPOSITE BORON PLATE OR BORATED AL
	1	14			LIMITER END CAP (SXN. 1)	ASTM A240 304 STAINLESS STEEL		AR	57			20 PCF FOAM (LOWER)	POLYURETHANE		AR	96			HINGE PIN SHORT	304 STAINLESS STEEL
	1	15			LIMITER END CAP (SXN.2)	ASTM A240 304 STAINLESS STEEL		AR	58			CERAMIC FIBER BLANKET	CERAMIC FIBER		AR	97			LATCH EXTRUSION SHORT / MACHINING	ASTM B209/B221 6005-T5 ALUMINUM
	1	16			BOTTOM INNER COVER	ASTM A240 304 STAINLESS STEEL		3	59			STIFFENER WEB	ASTM A240 304 STAINLESS STEEL		AR	98			LATCH EXTRUSION SHORT W/HOLES MACH.	ASTM B209/B221 6005-T5 ALUMINUM
	2	17			MODERATOR END COVER (RH)	ASTM A240 304 STAINLESS STEEL		3	60			BOTTOM STIFFENER FLANGE	ASTM A240/A276 304 STAINLESS STEEL		AR	99			LATCH HANDLE	ASTM B209/B221 6061-T6 ALUMINUM
	2	18			MODERATOR END COVER (LH)	ASTM A240 304 STAINLESS STEEL		3	61			TOP STIFFNER FLANGE	ASTM A240/A276 304 STAINLESS STEEL		AR	100			HINGE PIN LONG	304 STAINLESS STEEL
	AR	19			UPPER MODERATOR COVER - LG.	ASTM A240 304 STAINLESS STEEL		6	62			BUMPER PLATE	ASTM A240/A276 304 STAINLESS STEEL		AR	101			LATCH EXTRUSION LONG / MACHINING	ASTM B209/B221 6005-T5 ALUMINUM
	AR	20			UPPER MODERATOR COVER - SHORT	ASTM A240 304 STAINLESS STEEL		4	63			CROSS MEMBER	ASTM A240 304 STAINLESS STEEL		AR	102			LATCH EXTRUSION LONG W/HOLES MACH.	ASTM B209/B221 6005-T5 ALUMINUM
	AR	21			CERAMIC FIBER BLANKET	CERAMIC FIBER		4	64			LEG	ASTM A240 304 STAINLESS STEEL		AR	103			LEFT DOOR EXTRUSION/MACHINING	ASTM B209/B221 6005-T5 ALUMINUM
	1	22			OUTER SHELL BACKING BAR - LG.	ASTM A240 304 STAINLESS STEEL		1	65			LOWER PILLOW BASE PLATE	ASTM A240 304 STAINLESS STEEL		AR	104			38 IN.DOOR HINGE MACHINED	ASTM B209/B221 6005-T5 ALUMINUM
	AR	23			10 PCF FOAM (UPPER)	POLYURETHANE		1	66			LOWER PILLOW LIP	ASTM A240 304 STAINLESS STEEL		AR	105			FHCS (7/16-14 X 3/4" LONG)	304 STAINLESS STEEL
	1	24			20 PCF FOAM (UPPER)	POLYURETHANE		1	67			LOWER PILLOW SPUN HEAD - MIDDLE	ASTM A240 304 STAINLESS STEEL		AR	106			RIGHT DOOR EXTRUSION/MACHINING	ASTM B209/B221 6005-T5 ALUMINUM
	AR	25			CERAMIC PAPER	CERAMIC FIBER		1	68			LOWER PILLOW SOFT FOAM	POLYURETHANE		AR	107			TOP DOOR EXTRUSION/MACHINING	ASTM B209/B221 6005-T5 ALUMINUM
	AR	26			MODERATOR - UPPER UNIT	UHMW POLYETHYLENE		1	69			LOWER PILLOW INSULATION	CERAMIC FIBER		AR	108			DOOR HINGE 12 INCH RIGHT MACHINED	ASTM B209/B221 6005-T5 ALUMINUM
	AR	27			WELD STUD	304 STAINLESS STEEL		1	70			LOWER PILLOW SPUN HEAD - BASE	ASTM A240 304 STAINLESS STEEL		AR	109			DOOR HINGE 12 INCH MACHINED	ASTM B209/B221 6005-T5 ALUMINUM
	AR	28			WELD STUD HEX NUT	304 STAINLESS STEEL		1	71			LOWER PILLOW SPUN HEAD - TOP	ASTM A240 304 STAINLESS STEEL		AR	110			TOP DOOR COVER	ASTM B209/B221 6061-T6 ALUMINUM
	AR	29			HEAT SEAL	FIBERGLASS		1	72			INSULATION - TOP	CERAMIC FIBER		AR	111			TOP DOOR HINGE PIN HANDLE-LEFT	304 STAINLESS STEEL
	1	30			LOWER INNER SHELL	ASTM A240 304 STAINLESS STEEL		12	73			VENT PORT COUPLING	304 STAINLESS STEEL		AR	112			TOP DOOR HINGE PIN HANDLE-RIGHT	304 STAINLESS STEEL
	1	31			LOWER OUTER SHELL - BACK	ASTM A240 304 STAINLESS STEEL		12	74			VENT PORT NPT PLUG	ACETATE		AR	113			TOP DOOR HINGE PIN	304 STAINLESS STEEL
	1	32			LOWER OUTER SHELL - FRONT	ASTM A240 304 STAINLESS STEEL		3	75			FLAT VENT PORT PLATE	ASTM A240 304 STAINLESS STEEL		AR	114			LATCH NUT	304 STAINLESS STEEL
	1	33			LOWER IMPACT LIMITER COVER	ASTM A240 304 STAINLESS STEEL		9	76			BENT VENT PORT PLATE	ASTM A240 304 STAINLESS STEEL		AR	115			LATCH KEEPER	304 STAINLESS STEEL
	1	34			BACKER BAR - SHORT	ASTM A240 304 STAINLESS STEEL		AR	77			BOLTING BLOCK BASE	ASTM A240/A276 304 STAINLESS STEEL		AR	116			LATCH HEX BOLT (1/2-20 X 3/4" LG.)	304 STAINLESS STEEL
	1	35			FRONT IMPACT LIMITER COVER	ASTM A240 304 STAINLESS STEEL		AR	78			BOLTING BLOCK CAP	ASTM A240 304 STAINLESS STEEL		1	117			TOP PLATE	ASTM B209/B221 6061-T6 ALUMINUM
	1	36			FRONT CLOSURE LIP	ASTM A240 304 STAINLESS STEEL		8	79			SHELF SUPPORT PLATE	ASTM A240 304 STAINLESS STEEL		1	118			TOP SHEAR LIP	ASTM B209/B221 6061-T6 ALUMINUM
	1	37			FRONT HEAD	ASTM A240 304 STAINLESS STEEL		8	80			SHELF DOUBLER	ASTM A240 304 STAINLESS STEEL		1	119	B		POISON PLATE - UPPER LEFT DOOR	COMPOSITE BORON PLATE OR BORATED AL
	1	38			BACK HEAD	ASTM A240 304 STAINLESS STEEL		4	81			LOCATOR PIN	ASTM A276 304 STAINLESS STEEL		1	120	B		POISON PLATE - LOWER LEFT DOOR	COMPOSITE BORON PLATE OR BORATED AL
	AR	39			SHOCK MOUNT COVER	ASTM A240 304 STAINLESS STEEL		1	82			TOP PILLOW COVER PLATE	ASTM A240 304 STAINLESS STEEL		1	121	B		POISON PLATE - UPPER RIGHT DOOR	COMPOSITE BORON PLATE OR BORATED AL
	12	40			GUSSET PLATE	ASTM A240 304 STAINLESS STEEL								1	122	B		POISON PLATE - LOWER RIGHT DOOR	COMPOSITE BORON PLATE OR BORATED AL	
	1	41			BACK FOAM COVER	ASTM A240 304 STAINLESS STEEL								1	123				SPRING CLIP	304 STAINLESS STEEL
	AR	42			MODERATOR - LOWER SXN. 1	UHMW POLYETHYLENE									1	124			TOP DOOR HANDLE	304 STAINLESS STEEL
	AR	43			MODERATOR - LOWER SXN. 2	UHMW POLYETHYLENE								128	125				FHCS (1/4-28 X 3/8" LONG)	304 STAINLESS STEEL
														4	126				BHCS (6-32 X 3/8" LONG)	304 STAINLESS STEEL
														2	127				BHCS (5/16-24 X 3/8" LONG)	304 STAINLESS STEEL
														10	128				FHCS (1/2-13 X 1-1/4" LONG)	304 STAINLESS STEEL
														10	129				FHCS (1/2-13 X 7/8" LONG)	304 STAINLESS STEEL
														2	130				HINGE PIN (1907)	304 STAINLESS STEEL
														4	131				MODIFIED SET SCREW (3/8-24 X 1" LG.)	304 STAINLESS STEEL
														1	132				REACTION PAD	ASTM B209/B221 6061-T6 ALUMINUM
														4	133				FHCS (1/4-20 X 7/8" LONG)	304 STAINLESS STEEL
														1	134				SHEAR LIP PLUNGER	304 STAINLESS STEEL
														1	135				AXIAL CLAMP ARM	304 STAINLESS STEEL
														2	136				AXIAL CLAMP STUD	304 STAINLESS STEEL
														2	137				TOGGLE PAD	304 STAINLESS STEEL
														2	138				JAM NUT (5/8-11)	304 STAINLESS STEEL
														2	139				SPLIT LOCK WASHER (5/8)	304 STAINLESS STEEL
														4	140				AXIAL CLAMP EXTENSION SLEEVE	304 STAINLESS STEEL
														1	141				SHOULDER BOLT (3/8-16 X 2.25" LG.)	304 STAINLESS STEEL
														2	142				DOG POINT SC SCREW (3/8-16 X 1.25" LG.)	304 STAINLESS STEEL
														1	143				JAM NUT (3/8-16)	304 STAINLESS STEEL
														12	144				FHCS (1/2-13 X 3/4" LONG)	304 STAINLESS STEEL
														1	145				HEX NUT (3/8-16)	304 STAINLESS STEEL
														1	146	B			POISON PLATE - TOP DOOR LEFT	COMPOSITE BORON PLATE OR BORATED AL
														1	147	B			POISON PLATE - TOP DOOR RIGHT	COMPOSITE BORON PLATE OR BORATED AL
														AR	148				FHCS (1/2-13 X 0.75" LONG)	304 STAINLESS STEEL

TOLERANCES (UNLESS OTHERWISE NOTED)

	UNDER 6 IN.	6-12 IN.	12-24 IN.	OVER 24 IN.
DECIMAL: 2 PLACES	± .06	± .06	± .12	± .2
DECIMAL: 3 PLACES	± .050	± .050	± .115	± .188
ANGULAR: ± 2°				

	XL	STD
DIM "A"		