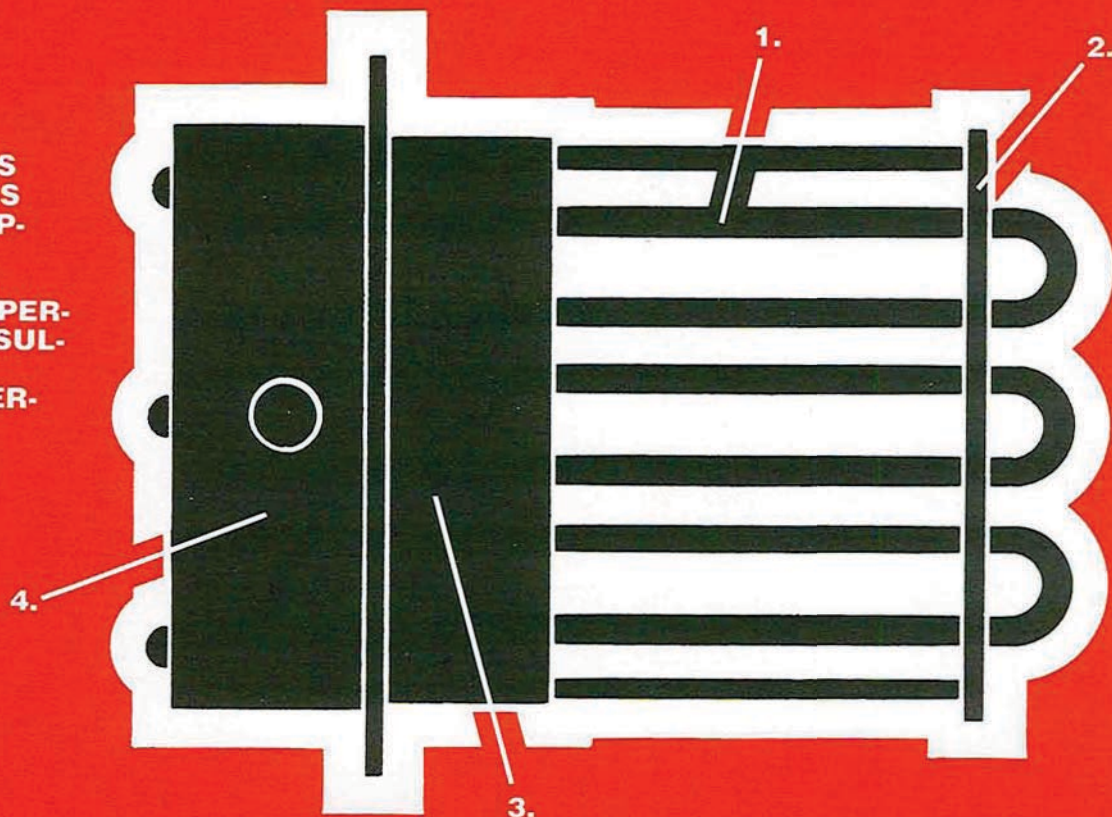


AIR DUCT & OPEN COIL HEATERS

1. INCOLOY ELEMENTS
2. STAINLESS STEEL SUP-
PORTS & SPACERS
3. HIGH TEMPER-
ATURE INSUL-
ATION
4. NEMA 1 TER-
MINAL
HOUSING



FEATURES

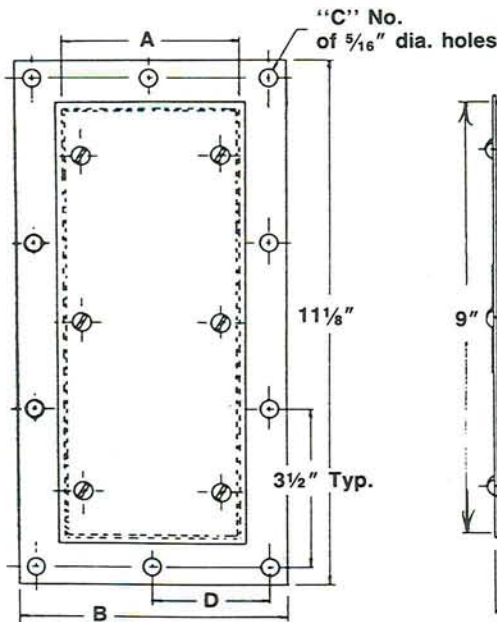
- HEAVY DUTY CONSTRUCTION
- INCOLOY ELEMENTS MOUNTED TO .25" OR .375" STEEL PLATE
- TERMINAL HOUSING OF 18 GA. STEEL
- ALUMINIZED STEEL AND STAINLESS STEEL SUPPORT RODS
- INSULATED TERMINAL HOUSING FOR COOLER OPERATION

APPLICATIONS

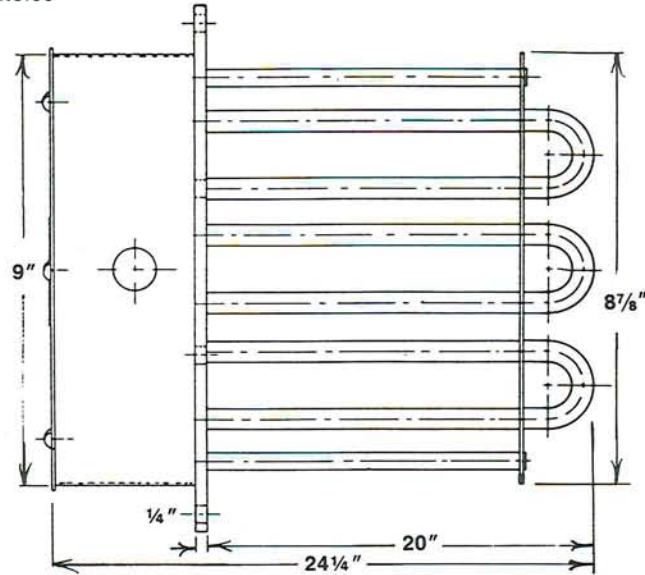
- RE-HEATING AND DEHUMIDIFICATION
- AIR HEATING FOR PROCESSES
- CURING FINISHES
- COMFORT HEATING
- SHRINK TUNNELS

DELTA 
MANUFACTURING
COMPANY INCORPORATED

AIR DUCT HEATERS



MODEL LTD
Low Temperatures



MODEL MTD
Moderate Temperatures

Features:

- 30 watts/sq. inch
- Stainless Steel Sheath
- Stainless Steel Support
- Painted Steel Flange
- Replaceable Elements
- NEMA 1 Terminal Enclosure

OPERATING CONDITIONS	
AIR FLOW FT./SECOND	MAXIMUM OUTLET TEMP.
5	300°F
10	400°F
16	525°F

Features:

- 20 watts/sq. inch
- Incoloy Sheath
- Stainless Support & Rods
- 1" Insulation in NEMA 1 Terminal Enclosure
- Replaceable Elements

OPERATING CONDITIONS	
AIR FLOW FT./SECOND	MAXIMUM OUTLET TEMP.
6	650°F
9	700°F
16	750°F

VOLTS	MODEL NO.	KW	A	B	C	D	NET WT/LB	NO. ELEM.	VOLTS	MODEL NO.	KW	A	B	C	D	NET WT/LB	NO. ELEM.
240 480	LTD3-4-3 LTD3-4-5	4.5	2 5/8	4 5/8	8	4	13	3	240 480	MTD6-6-3 MTD6-6-5	6	3 3/8	5 5/8	10	2 1/2	18	6
240 480	LTD6-9-3 LTD6-9-5	9	3 5/8	5 5/8	10	2 1/2	18	6	240 480	MTD12-12-3 MTD12-12-5	12	5 5/8	7 5/8	10	3 1/2	24	12
240 480	LTD12-18-3 LTD12-18-5	18	5 5/8	7 5/8	10	3 1/2	24	12	240 480	MTD18-18-3 MTD18-18-5	18	7 5/8	9 5/8	12	3	34	18
240 480	LTD18-27-3 LTD18-27-5	27	7 5/8	9 5/8	12	3	34	18	240 480	MTD24-24-3 MTD24-24-5	24	9 5/8	11 5/8	14	2 3/4	41	24
240 480	LTD24-36-3 LTD24-36-5	36	9 5/8	11 5/8	14	2 3/4	41	24	240 480	MTD30-30-3 MTD30-30-5	30	11 5/8	13 5/8	14	3 1/4	48	30
240 480	LTD30-45-3 LTD30-45-5	45	11 5/8	13 5/8	14	3 1/4	48	30	240 480	MTD36-36-3 MTD36-36-5	36	13 5/8	15 5/8	14	3 3/4	58	36
240 480	LTD36-54-3 LTD36-54-5	54	13 5/8	15 5/8	14	3 3/4	58	36	240 480	MTD42-42-3 MTD42-42-5	42	15 5/8	17 5/8	14	4 1/4	68	42
240 480	LTD42-63-3 LTD42-63-5	63	15 5/8	17 5/8	14	4 1/4	68	42	240 480	MTD48-48-3 MTD48-48-5	48	17 5/8	19 5/8	14	4 3/4	78	48
240 480	LTD48-72-3 LTD48-72-5	72	17 5/8	19 5/8	14	4 3/4	78	48	240 480	MTD54-54-3 MTD54-54-5	54	19 5/8	21 5/8	14	5 1/4	88	54
240 480									240 480	MTD60-60-3 MTD60-60-5	60	21 5/8	23 5/8	14	5 3/4	95	60

Note: All units wired 3-Phase and into 48 Amps Max. per circuit unless otherwise specified.

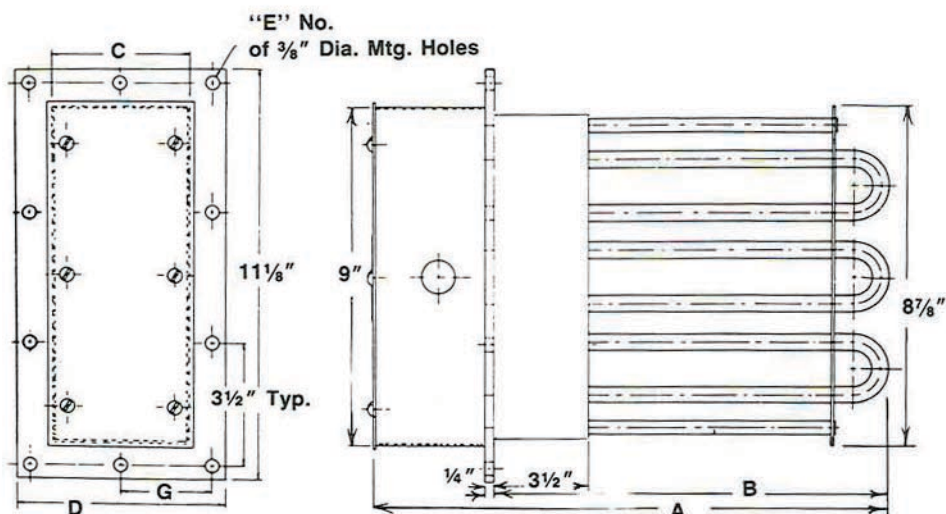
AIR DUCT HEATERS

FEATURES:

- 19 watts/sq. inch
- Incoloy Sheath
- Stainless Supports & Rods
- 4" Insulation Below Flange
- Replaceable Element Design
- NEMA I Wiring Enclosure

OPERATING CONDITIONS	
AIR FLOW FT./SECOND	MAXIMUM OUTLET TEMP.
6	1000°F
9	1100°F
16	1200°F

Duct Opening
to be 9" X C



MODEL HTD

VOLTS	MODEL NUMBER	KW	A	B	C	D	E	G	NET WT./LBS.	NO. ELEM.
240 480	HTD6-6-3 HTD6-6-5	6	27 1/2	20	3 5/8	5 5/8	10	2 1/2	23	6
240 480	HTD12-12-3 HTD12-12-5	12	27 1/2	20	5 5/8	7 5/8	10	3 1/2	33	12
240 480	HTD18-18-3 HTD18-18-5	18	27 1/2	20	7 5/8	9 5/8	12	3	44	18
240 480	HTD24-24-3 HTD24-24-5	24	27 1/2	20	9 5/8	11 5/8	14	2 3/4	53	24
240 480	HTD30-30-3 HTD30-30-5	30	27 1/2	20	11 5/8	13 5/8	14	3 1/4	63	30
240 480	HTD36-36-3 HTD36-36-5	36	27 1/2	20	13 5/8	15 5/8	14	3 3/4	76	36
240 480	HTD42-42-3 HTD42-42-5	42	27 1/2	20	15 5/8	17 5/8	14	4 1/4	87	42
240 480	HTD48-48-3 HTD48-48-5	48	27 1/2	20	17 5/8	19 5/8	14	4 3/4	98	48
240 480	HTD54-54-3 HTD54-54-5	54	27 1/2	20	19 5/8	21 5/8	14	5 1/4	107	54
240 480	HTD60-60-3 HTD60-60-5	60	27 1/2	20	21 5/8	23 5/8	14	5 3/4	118	60
240 480	HTD60-75-3 HTD60-75-5	75	32 1/2	25	21 5/8	23 5/8	14	5 3/4	138	60
240 480	HTD60-100-3 HTD60-100-5	100	40	32 1/2	21 5/8	23 5/8	14	5 3/4	163	60
480	HTD60-125-5	125	49	41 1/2	21 5/8	23 5/8	14	5	190	60
480	HTD72-150-5	150	49	41 1/2	25 5/8	27 5/8	18	4 1/2	230	72

Note: All units wired 3-Phase and 48 Amps/circuit unless otherwise specified.

HOW TO ORDER AIR DUCT HEATERS

1. Order by part number, if known
2. Quantity
3. Kilowatt and voltage
4. Optional features: thermocouples, gas tight construction on elements to flange
5. Control device and temperature range
6. Special ratings and sizes
7. Stainless construction for high temperature corrosion resistance

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