

# GAUMER PROCESS

HEATERS  
SYSTEMS  
CONTROLS

## Hi-Temp Duct - Type D

1", 2", 3", 4" Diameter

### APPLICATIONS

The Gaumer Electric Process Duct Heater is designed for rugged duty where air must be heated through a large temperature rise to a maximum temperature of 1000° F. Contact Gaumer for selection of proper unit for the design conditions.

### STANDARD FEATURES

#### Heating Elements

- Incoloy 800 Sheath Material
- Heavy Wall (.035 in.)
- Large Diameter (.475 in.)
- Sealed Terminals

#### Standard Features

- High Temp Alloy Spacers
- Gaumer "Evenflow" Configuration
- Type K TC for Overheat Protection
- Stainless Steel Ducted Chamber
- Sleeved Duct Connections
- Calcium Silicate Insulation
- Aluminum Outer Jacket

#### Construction

- Welded Heating Elements
- Welded Spacers
- Welded Duct Assembly
- Welded Offset Terminal Housing

#### Installation

- Flying Leadwires Provided
- Only Standard Materials Needed in Field

#### Service

- Wiring Modifiable in Field
- Assembly Repairable at Factory



### SPECIAL FEATURES

- W Wattage Other Than Cataloged
- V Voltage Other Than Cataloged
- SShrd Stainless Steel Shroud Over Insulation
- ER Explosion Resistant Construction
- LT Weatherproof Construction
- J(K) Additional Sheath Sensing Thermocouple for Overheat Protection
- SpHtr Space Heater Mounted in Terminal Enclosure
- XX Special Feature not Listed Above

# Hi-Temp Duct Heaters

Type D

WattDensity: 23

Catalog Number	Duct Diameter	Qty of Elements	Length	kW	Volts	Weight
D1P1N7T1S	1.0	1	7	0.2	120	9
D1P1N8T1S	1.0	1	8	0.3	120	9
D1P1N8T2S	1.0	1	8	0.3	240	9
D1P1N9T1S	1.0	1	9	0.3	120	9
D1P1N9T21	1.0	1	9	0.3	240	9
D1P1N11T1S	1.0	1	11	0.4	120	9
D1P1N11T2S	1.0	1	11	0.4	240	9
D1P1N13T1S	1.0	1	13	0.5	120	11
D1P1N13T2S	1.0	1	13	0.5	240	11
D1P1N18T1S	1.0	1	18	0.6	120	11
D1P1N18T2S	1.0	1	18	0.6	240	11
D1P1N21T1S	1.0	1	21	0.8	120	11
D1P1N21T2S	1.0	1	21	0.8	240	11
D15P2N7T1S	1.5	2	7	0.4	120	8
D15P2N7T2S	1.5	2	7	0.4	240	8
D15P2N8T1S	1.5	2	8	0.5	120	9
D15P2N8T2S	1.5	2	8	0.5	240	9
D15P2N9T1S	1.5	2	9	0.6	120	10
D15P2N9T2S	1.5	2	9	0.6	240	10
D15P2N11T13	1.5	2	11	0.8	120	14
D15P2N11T2S	1.5	2	11	0.8	240	14
D15P2N13T1S	1.5	2	13	1.0	120	15
D15P2N13T2S	1.5	2	13	1.0	240	15
D15P2N18T1S	1.5	2	18	1.3	120	15
D15P2N18T2S	1.5	2	18	1.3	240	15
D15P2N21T1S	1.5	2	21	1.5	120	16
D15P2N21T2S	1.5	2	21	1.5	240	16
D15P3N7T1D	1.5	3	7	0.6	120	8
D15P3N8T1D	1.5	3	8	0.8	120	10
D15P3N8T2D	1.5	3	8	0.8	240	10
D15P3N9T1D	1.5	3	9	0.9	120	12
D15P3N9T2D	1.5	3	9	0.9	240	12
D15P3N11T1D	1.5	3	11	1.1	120	16
D15P3N11T2D	1.5	3	11	1.1	240	16
D15P3N13T1D	1.5	3	13	1.5	120	16
D15P3N13T2D	1.5	3	13	1.5	240	16
D15P3N18T1D	1.5	3	18	1.9	120	16
D15P3N18T2D	1.5	3	18	1.9	240	16
D15P3N21T1D	1.5	3	21	2.3	120	16
D15P3N21T2D	1.5	3	21	2.3	240	16
D2P2N13M1	2.0	2	12	1.5	120	17
D2P2N13M2	2.0	2	13	1.5	240	17
D2P2N13M4	2.0	2	13	1.5	480	17
D2P2N17M1	2.0	2	17	2.0	120	18
D2P2N17M2	2.0	2	17	2.0	240	18
D2P2N17M4	2.0	2	17	2.0	480	18
D2P2N20M2	2.0	2	20	2.5	240	19
D2P2N20M4	2.0	2	20	2.5	480	19
D2P2N25M2	2.0	2	25	3.0	240	20

# Hi-Temp Duct Heaters

Type D

WattDensity: 23

Catalog Number	Duct Diameter	Qty of Elements	Length	kW	Volts	Weight
D2P2N25M4	2.0	2	25	3.0	480	20
D2P2N32M2	2.0	2	32	4.0	240	22
D2P2N32M4	2.0	2	32	4.0	480	22
D2P2N40M2	2.0	2	40	5.0	240	24
D2P2N40M4	2.0	2	40	5.0	480	24
D2P2N47M2	2.0	2	47	6.0	240	26
D2P2N47M4	2.0	2	47	6.0	480	26
D2P2N64M2	2.0	2	64	8.3	240	30
D2P2N64M4	2.0	2	64	8.3	480	30
D2P2N76M2	2.0	2	76	10.0	240	32
D2P2N76M4	2.0	2	76	10.0	480	32
D2P3N13M1	2.0	3	13	2.2	120	19
D2P3N13M2	2.0	3	13	2.2	240	19
D2P3N13M4	2.0	3	13	2.2	480	19
D2P3N17M2	2.0	3	17	3.0	240	20
D2P3N17M4	2.0	3	17	3.0	480	20
D2P3N20M2	2.0	3	20	3.7	240	21
D2P3N20M4	2.0	3	20	3.7	480	21
D2P3N25M2	2.0	3	25	4.5	240	23
D2P3N25M4	2.0	3	25	4.5	480	23
D2P3N32M2	2.0	3	32	6.0	240	26
D2P3N32M4	2.0	3	32	6.0	480	26
D2P3N40M2	2.0	3	40	7.5	240	28
D2P3N40M4	2.0	3	40	7.5	480	28
D2P3N47M2	2.0	3	47	9.0	240	31
D2P3N47M4	2.0	3	47	9.0	480	31
D2P3N64M2	2.0	3	64	12.5	240	38
D2P3N64M4	2.0	3	64	12.5	480	38
D2P3N76M2	2.0	3	76	15.0	240	42
D2P3N76M4	2.0	3	76	15.0	480	42
D3F3N18M2	3.0	3	18	3.0	240	36
D3F3N18M4	3.0	3	18	3.0	480	36
D3F3N20M2	3.0	3	20	3.8	240	37
D3F3N20M4	3.0	3	20	3.8	480	37
D3F3N25M2	3.0	3	25	4.5	240	39
D3F3N25M4	3.0	3	25	4.5	480	39
D3F3N33M2	3.0	3	33	6.0	240	42
D3F3N33M4	3.0	3	33	6.0	480	42
D3F3N40M2	3.0	3	40	7.5	240	44
D3F3N40M4	3.0	3	40	7.5	480	44
D3F3N48M2	3.0	3	48	9.0	240	47
D3F3N48M4	3.0	3	48	9.0	480	47
D3F3N52M2	3.0	3	52	10.0	240	49
D3F3N52M4	3.0	3	52	10.0	480	49
D3F3N64M2	3.0	3	64	12.5	240	54
D3F3N64M4	3.0	3	64	12.5	480	54
D3F3N77M2	3.0	3	77	15.0	240	58
D3F3N77M4	3.0	3	77	15.0	480	58
D3F3N88M4	3.0	3	88	17.0	480	62

# Hi-Temp Duct Heaters

Type D

WattDensity: 23

Catalog Number	Duct Diameter	Qty of Elements	Length	kW	Volts	Weight
D3F3N106M4	3.0	3	106	19.0	480	68
D3F3N120M4	3.0	3	120	24.0	480	73
D4F6N18M2	4.0	6	18	6.0	240	64
D4F6N18M4	4.0	6	18	6.0	480	65
D4F6N20M2	4.0	6	20	7.5	240	66
D4F6N20M4	4.0	6	20	7.5	480	66
D4F6N25M2	4.0	6	25	9.0	240	70
D4F6N25M4	4.0	6	25	9.0	480	70
D4F6N33M2	4.0	6	33	12.0	240	76
D4F6N33M4	4.0	6	33	12.0	480	76
D4F6N40M2	4.0	6	40	15.0	240	81
D4F6N40M4	4.0	6	40	15.0	480	81
D4F6N48M2	4.0	6	48	18.0	240	87
D4F6N48M4	4.0	6	48	18.0	480	87
D4F6N52M2	4.0	6	52	20.0	240	89
D4F6N52M4	4.0	6	52	20.0	480	89
D4F6N64M2	4.0	6	64	25.0	240	100
D4F6N64M4	4.0	6	64	25.0	480	100
D4F6N77M2	4.0	6	77	30.0	240	107
D4F6N77M4	4.0	6	77	30.0	480	107
D4F6N88M4	4.0	6	88	34.0	480	115
D4F6N106M4	4.0	6	106	38.0	480	129
D4F6N120M4	4.0	6	120	47.0	480	138

WattDensity: 20

Catalog Number	Duct Diameter	Qty of Elements	Length	kW	Volts	Weight
D3F3N18B2Y	3.0	3	18	2.7	240	36
D3F3N18B4Y	3.0	3	18	2.7	480	36
D3F3N20B2Y	3.0	3	20	3.3	240	37
D3F3N20B4Y	3.0	3	20	3.3	480	37
D3F3N25B2Y	3.0	3	25	4.0	240	39
D3F3N25B4Y	3.0	3	25	4.0	480	39
D3F3N33B2Y	3.0	3	33	5.0	240	42
D3F3N33B4Y	3.0	3	33	5.0	480	42
D3F3N43B2Y	3.0	3	43	6.7	240	42
D3F3N43B4Y	3.0	3	43	6.7	480	45
D3F3N52B2Y	3.0	3	52	8.3	240	47
D3F3N52B4Y	3.0	3	52	8.3	480	49
D3F3N61B2Y	3.0	3	61	10.0	240	52
D3F3N61B4Y	3.0	3	61	10.0	480	52
D3F3N88B4Y	3.0	3	88	15.0	480	62
D3F3N106B4Y	3.0	3	106	17.0	480	68
D3F3N120B4Y	3.0	3	120	19.0	480	73
D4F6N18B2Y	4.0	6	18	5.3	240	65
D4F6N18B4Y	4.0	6	18	5.3	480	65
D4F6N20B2Y	4.0	6	20	6.7	240	66
D4F6N20B4Y	4.0	6	20	6.7	480	66
D4F6N25B2Y	4.0	6	25	8.0	240	70

# Hi-Temp Duct Heaters

Type D

WattDensity: 20

Catalog Number	Duct Diameter	Qty of Elements	Length	kW	Volts	Weight
D4F6N25B4Y	4.0	6	25	8.0	480	70
D4F6N33B2Y	4.0	6	33	10.0	240	75
D4F6N33B4Y	4.0	6	33	10.0	480	76
D4F6N43B2Y	4.0	6	43	13.0	240	76
D4F6N43B4Y	4.0	6	43	13.0	480	83
D4F6N52B2Y	4.0	6	52	17.0	240	86
D4F6N52B4Y	4.0	6	52	17.0	480	89
D4F6N61B2Y	4.0	6	61	20.0	240	96
D4F6N61B4Y	4.0	6	61	20.0	480	96
D4F6N88B4Y	4.0	6	88	30.0	480	115
D4F6N106B4Y	4.0	6	106	33.0	480	129
D4F6N120B4Y	4.0	6	120	38.0	480	138

WattDensity: 15

Catalog Number	Duct Diameter	Qty of Elements	Length	kW	Volts	Weight
D2P2N17B4S	2.0	2	18	1.3	480	18
D2P2N17B4D	2.0	2	18	8.3	240	18
D2P2N20B4S	2.0	2	20	1.7	480	19
D2P2N20B4D	2.0	2	20	8.3	240	19
D2P2N25B4S	2.0	2	25	2.0	480	20
D2P2N25B4D	2.0	2	25	8.3	240	20
D2P2N32B4S	2.0	2	33	2.5	480	22
D2P2N32B4D	2.0	2	33	8.3	240	22
D2P2N43B4S	2.0	2	43	3.3	480	24
D2P2N43B4D	2.0	2	43	8.3	240	24
D2P2N52B4S	2.0	2	52	4.2	480	26
D2P2N52B4D	2.0	2	52	8.3	240	26
D2P2N61B4S	2.0	2	61	5.0	480	29
D2P2N61B4D	2.0	2	61	8.3	240	29
D2P2N88B4S	2.0	2	88	7.4	480	35
D2P2N88B4D	2.0	2	88	8.3	240	35
D2P2N120B4D	2.0	2	106	8.3	240	40
D2P2N106B4D	2.0	2	106	8.3	240	40
D2P2N106B4S	2.0	2	106	8.4	480	40
D2P2N120B4S	2.0	2	120	9.5	480	43
D2P3N13H2Y	2.0	3	13	1.5	240	17
D2P3N13H4Y	2.0	3	13	1.5	480	17
D2P3N17H2Y	2.0	3	17	2.0	240	20
D2P3N17H4Y	2.0	3	17	2.0	480	20
D2P3N17B4D	2.0	3	18	8.3	240	20
D2P3N20H2Y	2.0	3	20	2.5	240	21
D2P3N20H4Y	2.0	3	20	2.5	480	21
D2P3N20B4D	2.0	3	20	8.3	240	21
D2P3N25H2Y	2.0	3	25	3.0	240	23
D2P3N25H4Y	2.0	3	25	3.0	480	23
D2P3N25B4D	2.0	3	25	8.3	240	23
D2P3N32H2Y	2.0	3	32	4.0	240	26
D2P3N32H4Y	2.0	3	32	4.0	480	26

# Hi-Temp Duct Heaters

Type D

WattDensity: 15

Catalog Number	Duct Diameter	Qty of Elements	Length	kW	Volts	Weight
D2P3N32B4D	2.0	3	33	8.3	240	26
D2P3N40H2Y	2.0	3	40	5.0	240	38
D2P3N40H4Y	2.0	3	40	5.0	480	28
D2P3N43B4D	2.0	3	43	8.3	240	29
D2P3N47H2Y	2.0	3	47	6.0	240	31
D2P3N47H4Y	2.0	3	47	6.0	480	31
D2P3N52B4D	2.0	3	52	8.3	240	31
D2P3N61B4D	2.0	3	61	8.3	240	36
D2P3N61H2Y	2.0	3	61	8.3	240	36
D2P3N61H4Y	2.0	3	61	8.3	480	36
D2P3N78H2Y	2.0	3	78	11.1	240	42
D2P3N78H4Y	2.0	3	78	11.1	480	42
D2P3N88B4D	2.0	3	88	8.3	240	46
D2P3N106B4D	2.0	3	106	8.3	240	52
D2P3N120B4D	2.0	3	120	8.3	240	57
D3F3N13H2Y	3.0	3	13	1.5	240	35
D3F3N13H4Y	3.0	3	13	1.5	480	35
D3F3N18H2Y	3.0	3	18	2.0	240	36
D3F3N18H4Y	3.0	3	18	2.0	480	36
D3F3N20H2Y	3.0	3	20	2.5	240	37
D3F3N20H4Y	3.0	3	20	2.5	480	37
D3F3N25H2Y	3.0	3	25	3.0	240	39
D3F3N25H4Y	3.0	3	25	3.0	480	39
D3F3N33H2Y	3.0	3	33	4.0	240	42
D3F3N33H4Y	3.0	3	33	4.0	480	42
D3F3N40H2Y	3.0	3	40	5.0	240	54
D3F3N40H4Y	3.0	3	40	5.0	480	44
D3F3N48H2Y	3.0	3	48	6.0	240	47
D3F3N48H4Y	3.0	3	48	6.0	480	47
D3F3N61H2Y	3.0	3	61	8.3	240	52
D3F3N61H4Y	3.0	3	61	8.3	480	52
D3F3N78H2Y	3.0	3	78	11.1	240	58
D3F3N78H4Y	3.0	3	78	11.1	480	58
D3F3N88H4Y	3.0	3	88	12.5	480	62
D3F3N106H4Y	3.0	3	106	15.0	480	68
D3F3N120H4Y	3.0	3	120	15.0	480	73
D3F3N140H4Y	3.0	3	140	18.0	480	80
D3F3N160H4Y	3.0	3	160	20.0	480	88
D3F3N180H4Y	3.0	3	180	23.0	480	95
D4F6N13H2Y	4.0	6	13	3.0	240	61
D4F6N13H4Y	4.0	6	13	3.0	480	61
D4F6N18H2Y	4.0	6	18	4.0	240	65
D4F6N18H4Y	4.0	6	18	4.0	480	65
D4F6N18B4S	4.0	6	18	4.0	480	65
D4F6N20H2Y	4.0	6	20	5.0	240	66
D4F6N20H4Y	4.0	6	20	5.0	480	66
D4F6N20B4S	4.0	6	20	5.0	480	66
D4F6N25H2Y	4.0	6	25	6.0	240	70
D4F6N25H4Y	4.0	6	25	6.0	480	70

# Hi-Temp Duct Heaters

Type D

WattDensity: 15

Catalog Number	Duct Diameter	Qty of Elements	Length	kW	Volts	Weight
D4F6N25B4S	4.0	6	25	6.0	480	70
D4F6N33B2S	4.0	6	33	7.5	240	75
D4F6N33B4S	4.0	6	33	7.5	480	76
D4F6N33H2Y	4.0	6	33	8.0	240	75
D4F6N33H4Y	4.0	6	33	8.0	480	76
D4F6N40H2Y	4.0	6	40	10.0	240	100
D4F6N40H4Y	4.0	6	40	10.0	480	81
D4F6N43B2S	4.0	6	43	10.0	240	76
D4F6N43B4S	4.0	6	43	10.0	480	83
D4F6N48H2Y	4.0	6	48	12.0	240	87
D4F6N48H4Y	4.0	6	48	12.0	480	86
D4F6N52B2S	4.0	6	52	12.5	240	86
D4F6N52B4S	4.0	6	52	12.5	480	89
D4F6N61B2S	4.0	6	61	15.0	240	96
D4F6N61B4S	4.0	6	61	15.0	480	96
D4F6N61H2Y	4.0	6	61	17.0	240	96
D4F6N61H4Y	4.0	6	61	17.0	480	96
D4F6N78H2Y	4.0	6	78	22.0	240	108
D4F6N78H4Y	4.0	6	78	22.0	480	108
D4F6N88B4S	4.0	6	88	22.0	480	115
D4F6N88B4D	4.0	6	88	22.0	480	115
D4F6N88H4Y	4.0	6	88	25.0	480	115
D4F6N106B4S	4.0	6	106	25.0	480	129
D4F6N106B4D	4.0	6	106	28.0	480	129
D4F6N106H4Y	4.0	6	106	28.0	480	128
D4F6N120B4D	4.0	6	120	29.0	480	138
D4F6N120B4S	4.0	6	120	29.0	480	138
D4F6N120H4Y	4.0	6	120	30.0	480	138
D4F6N140H4Y	4.0	6	140	35.0	480	153
D4F6N160H4Y	4.0	6	160	40.0	480	167
D4F6N180H4Y	4.0	6	180	45.0	480	182

WattDensity: 12

Catalog Number	Duct Diameter	Qty of Elements	Length	kW	Volts	Weight
D1P1N6W1	1.0	1	6	0.1	120	9
D1P1N8W1	1.0	1	8	0.2	120	9
D1P1N12W1	1.0	1	12	0.3	120	9
D1P1N12W2	1.0	1	12	0.3	240	9
D1P1N29W1	1.0	1	29	0.5	120	11
D15P2N6W1	1.5	2	6	0.3	120	8
D15P2N6W1S	1.5	2	6	0.3	240	8
D15P2N8W1	1.5	2	8	0.4	120	9
D15P2N8W1S	1.5	2	8	0.4	240	9
D15P2N12W1	1.5	2	12	0.5	120	14
D15P2N12W2	1.5	2	12	0.5	240	14
D15P2N29W1	1.5	2	29	1.0	120	18
D15P2N29W1S	1.5	2	29	1.0	240	18
D15P3N6W1	1.5	3	6	0.4	120	8



# Hi-Temp Duct Heaters

Type D

WattDensity: 12

Catalog Number	Duct Diameter	Qty of Elements	Length	kW	Volts	Weight
D15P3N6W2	1.5	3	6	0.4	240	8
D15P3N8W1	1.5	3	8	0.5	120	10
D15P3N8W2	1.5	3	8	0.5	240	10
D15P3N12W1	1.5	3	12	0.8	120	16
D15P3N12W2	1.5	3	12	0.8	240	16
D15P3N29W1	1.5	3	29	1.5	120	22
D15P3N29W2	1.5	3	29	1.5	240	16
D2P2N13H2S	2.0	2	13	0.8	240	17
D2P2N17H2S	2.0	2	17	1.0	240	18
D2P2N17H4S	2.0	2	17	1.0	480	18
D2P2N20H2S	2.0	2	20	1.3	240	19
D2P2N20H4S	2.0	2	20	1.3	480	19
D2P2N25H2S	2.0	2	25	1.5	240	20
D2P2N25H4S	2.0	2	25	1.5	480	20
D2P2N32H2S	2.0	2	32	2.0	240	22
D2P2N32H4S	2.0	2	32	2.0	480	22
D2P2N40H2S	2.0	2	40	2.5	240	30
D2P2N40H4S	2.0	2	40	2.5	480	24
D2P2N47H1S	2.0	2	47	3.0	120	26
D2P2N47H2S	2.0	2	47	3.0	240	26
D2P2N47H4S	2.0	2	47	3.0	480	26
D2P2N61H2S	2.0	2	61	4.2	240	29
D2P2N61H4S	2.0	2	61	4.2	480	29
D2P2N78H2S	2.0	2	78	5.6	240	33
D2P2N78H4S	2.0	2	78	5.6	480	33
D4F6N13H2S	4.0	6	13	2.2	240	61
D4F6N13H4S	4.0	6	13	2.2	480	61
D4F6N18H2S	4.0	6	18	3.0	240	65
D4F6N18H4S	4.0	6	18	3.0	480	65
D4F6N20H2S	4.0	6	20	3.8	240	66
D4F6N20H4S	4.0	6	20	3.8	480	66
D4F6N25H2S	4.0	6	25	4.5	240	70
D4F6N25H4S	4.0	6	25	4.5	480	70
D4F6N33H2S	4.0	6	33	6.0	240	75
D4F6N33H4S	4.0	6	33	6.0	480	76
D4F6N40H2S	4.0	6	40	7.5	240	100
D4F6N40H4S	4.0	6	40	7.5	480	81
D4F6N48H2S	4.0	6	48	9.0	240	87
D4F6N48H4S	4.0	6	48	9.0	480	86
D4F6N61H2S	4.0	6	61	12.5	240	96
D4F6N61H4S	4.0	6	61	12.5	480	96
D4F6N78H2S	4.0	6	78	17.0	240	108
D4F6N78H4S	4.0	6	78	17.0	480	108
D4F6N88H4D	4.0	6	88	19.0	480	115
D4F6N88H4S	4.0	6	88	19.0	480	115
D4F6N106H4S	4.0	6	106	21.0	480	128
D4F6N106H4D	4.0	6	106	21.0	480	128
D4F6N120H4D	4.0	6	120	23.0	480	138
D4F6N120H4S	4.0	6	120	23.0	480	138



# Hi-Temp Duct Heaters

Type D

WattDensity: 12

Catalog Number	Duct Diameter	Qty of Elements	Length	kW	Volts	Weight
D4F6N140H4D	4.0	6	140	26.0	240	153
D4F6N140H4S	4.0	6	140	26.0	480	153
D4F6N160H4D	4.0	6	160	30.0	240	167
D4F6N160H4S	4.0	6	160	30.0	480	167
D4F6N180H4D	4.0	6	180	34.0	240	182
D4F6N180H4S	4.0	6	180	34.0	480	182

WattDensity: 8

Catalog Number	Duct Diameter	Qty of Elements	Length	kW	Volts	Weight
D2P3N13M2Y	2.0	3	13	0.7	240	17
D2P3N13M4Y	2.0	3	13	0.7	480	17
D2P3N17M2Y	2.0	3	17	1.0	240	20
D2P3N17M4Y	2.0	3	17	1.0	480	20
D2P3N20M2Y	2.0	3	20	1.2	240	21
D2P3N20M4Y	2.0	3	20	1.2	480	21
D2P3N25M2Y	2.0	3	25	1.5	240	23
D2P3N25M4Y	2.0	3	25	1.5	480	23
D2P3N32M2Y	2.0	3	32	2.0	240	26
D2P3N32M4Y	2.0	3	32	2.0	480	26
D2P3N40M2Y	2.0	3	40	2.5	240	28
D2P3N40M4Y	2.0	3	40	2.5	480	28
D2P3N47M2Y	2.0	3	47	3.0	240	31
D2P3N47M4Y	2.0	3	47	3.0	480	31
D2P3N64M2Y	2.0	3	64	4.2	240	38
D2P3N64M4Y	2.0	3	64	4.2	480	38
D2P3N76M2Y	2.0	3	76	5.0	240	41
D2P3N76M4Y	2.0	3	76	5.0	480	41
D3F3N18M2Y	3.0	3	18	1.0	240	36
D3F3N18M4Y	3.0	3	18	1.0	480	36
D3F3N20M2Y	3.0	3	20	1.3	240	37
D3F3N20M4Y	3.0	3	20	1.3	480	37
D3F3N25M2Y	3.0	3	25	1.5	240	39
D3F3N25M4Y	3.0	3	25	1.5	480	39
D3F3N33M2Y	3.0	3	33	2.0	240	42
D3F3N33M4Y	3.0	3	33	2.0	480	42
D3F3N40M2Y	3.0	3	40	2.5	240	44
D3F3N40M4Y	3.0	3	40	2.5	480	44
D3F3N48M2Y	3.0	3	48	3.0	240	47
D3F3N48M4Y	3.0	3	48	3.0	480	47
D3F3N52M2Y	3.0	3	52	3.3	240	49
D3F3N52M4Y	3.0	3	52	3.3	480	49
D3F3N64M2Y	3.0	3	64	4.2	240	54
D3F3N64M4Y	3.0	3	64	4.2	480	54
D3F3N77M2Y	3.0	3	77	5.0	240	58
D3F3N77M4Y	3.0	3	77	5.0	480	58
D3F3N88M4Y	3.0	3	88	5.6	480	62
D3F3N106M4Y	3.0	3	106	6.3	480	68
D3F3N120M4Y	3.0	3	120	7.8	480	73

# Hi-Temp Duct Heaters

Type D

WattDensity: 8

Catalog Number	Duct Diameter	Qty of Elements	Length	kW	Volts	Weight
D4F6N18M2Y	4.0	6	18	2.0	240	64
D4F6N18M4Y	4.0	6	18	2.0	480	65
D4F6N20M2Y	4.0	6	20	2.5	240	66
D4F6N20M4Y	4.0	6	20	2.5	480	66
D4F6N25M2Y	4.0	6	25	3.0	240	70
D4F6N25M4Y	4.0	6	25	3.0	480	70
D4F6N33M2Y	4.0	6	33	4.0	240	76
D4F6N33M4Y	4.0	6	33	4.0	480	76
D4F6N40M2Y	4.0	6	40	5.0	240	81
D4F6N40M4Y	4.0	6	40	5.0	480	81
D4F6N48M2Y	4.0	6	48	6.0	240	87
D4F6N48M4Y	4.0	6	48	6.0	480	87
D4F6N52M2Y	4.0	6	52	6.6	240	89
D4F6N52M4Y	4.0	6	52	6.6	480	89
D4F6N64M2Y	4.0	6	64	8.3	240	100
D4F6N64M4Y	4.0	6	64	8.3	480	100
D4F6N77M2Y	4.0	6	77	10.0	240	107
D4F6N77M4Y	4.0	6	77	10.0	480	107
D4F6N88M4Y	4.0	6	88	11.2	480	115
D4F6N106M4Y	4.0	6	106	13.0	480	129
D4F6N120M4Y	4.0	6	120	16.0	480	138

WattDensity: 6

Catalog Number	Duct Diameter	Qty of Elements	Length	kW	Volts	Weight
D2P2N13M1S	2.0	2	13	0.4	120	17
D2P2N13M2S	2.0	2	13	0.4	240	17
D2P2N13M4S	2.0	2	13	0.4	480	17
D2P2N17M1S	2.0	2	17	0.5	120	18
D2P2N17M2S	2.0	2	17	0.5	240	18
D2P2N17M4S	2.0	2	17	0.5	480	18
D2P2N20M1S	2.0	2	20	0.6	120	19
D2P2N20M2S	2.0	2	20	0.6	240	19
D2P2N20M4S	2.0	2	20	0.6	480	19
D2P2N25M1S	2.0	2	25	0.8	120	21
D2P2N25M2S	2.0	2	25	0.8	240	20
D2P2N25M4S	2.0	2	25	0.8	480	20
D2P2N32M1S	2.0	2	32	1.0	120	22
D2P2N32M2S	2.0	2	32	1.0	240	22
D2P2N32M4S	2.0	2	32	1.0	480	22
D2P2N40M1S	2.0	2	40	1.3	120	24
D2P2N40M2S	2.0	2	40	1.3	240	24
D2P2N40M4S	2.0	2	40	1.3	480	24
D2P2N47M1S	2.0	2	47	1.5	120	26
D2P2N47M2S	2.0	2	47	1.5	240	26
D2P2N47M4S	2.0	2	47	1.5	480	26
D2P2N64M1S	2.0	2	64	2.1	120	30
D2P2N64M2S	2.0	2	64	2.1	240	30
D2P2N64M4S	2.0	2	64	2.1	480	30

# Hi-Temp Duct Heaters

Type D

WattDensity: 6

Catalog Number	Duct Diameter	Qty of Elements	Length	kW	Volts	Weight
D2P2N76M1S	2.0	2	76	2.5	120	32
D2P2N76M2S	2.0	2	76	2.5	240	32
D2P2N76M4S	2.0	2	76	2.5	480	32
D4F6N18M2S	4.0	6	18	1.5	240	64
D4F6N18M4S	4.0	6	18	1.5	480	65
D4F6N20M2S	4.0	6	20	1.9	240	66
D4F6N20M4S	4.0	6	20	1.9	480	66
D4F6N25M2S	4.0	6	25	2.2	240	70
D4F6N25M4S	4.0	6	25	2.2	480	70
D4F6N33M2S	4.0	6	33	3.0	240	76
D4F6N33M4S	4.0	6	33	3.0	480	76
D4F6N40M2S	4.0	6	40	3.7	240	81
D4F6N40M4S	4.0	6	40	3.7	480	81
D4F6N48M2S	4.0	6	48	4.5	240	87
D4F6N48M4S	4.0	6	48	4.5	480	87
D4F6N52M2S	4.0	6	52	5.0	240	89
D4F6N52M4S	4.0	6	52	5.0	480	89
D4F6N64M2S	4.0	6	64	6.2	240	100
D4F6N64M4S	4.0	6	64	6.2	480	100
D4F6N77M2S	4.0	6	77	7.5	240	107
D4F6N77M4S	4.0	6	77	7.5	480	107
D4F6N88M4S	4.0	6	88	8.4	480	115
D4F6N106M4S	4.0	6	106	9.4	480	129
D4F6N120M4S	4.0	6	120	11.6	480	138

WattDensity: 4

Catalog Number	Duct Diameter	Qty of Elements	Length	kW	Volts	Weight
D4F6N13H4SY	4.0	6	13	0.7	480	61
D4F6N18H4SY	4.0	6	18	1.0	480	65
D4F6N20H4SY	4.0	6	20	1.3	480	66
D4F6N25H4SY	4.0	6	25	1.5	480	70
D4F6N33H4SY	4.0	6	33	2.0	480	76
D4F6N40H4SY	4.0	6	40	2.5	480	81
D4F6N48H4SY	4.0	6	48	3.0	480	86
D4F6N61H4SY	4.0	6	61	4.2	480	96
D4F6N78H4SY	4.0	6	78	5.6	480	108
D4F6N88B4SD	4.0	6	88	5.6	240	115
D4F6N88H4SY	4.0	6	88	6.3	480	115
D4F6N106B4SD	4.0	6	106	7.0	240	129
D4F6N106H4SY	4.0	6	106	7.0	480	128
D4F6N120B4SD	4.0	6	120	7.1	240	138
D4F6N120H4SY	4.0	6	120	7.5	480	138
D4F6N140H4SY	4.0	6	140	9.0	480	153
D4F6N160H4SY	4.0	6	160	10.0	480	167
D4F6N180H4SY	4.0	6	180	11.3	480	182

WattDensity: 2

Catalog Number	Duct Diameter	Qty of Elements	Length	kW	Volts	Weight
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# Hi-Temp Duct Heaters

Type D

WattDensity: 2

Catalog Number	Duct Diameter	Qty of Elements	Length	kW	Volts	Weight
D3F3N48M4YD	3.0	3	48	3.3	240	47
D4F6N18M4SY	4.0	6	18	0.5	480	65
D4F6N20M4SY	4.0	6	20	0.6	480	66
D4F6N25M4SY	4.0	6	25	0.7	480	70
D4F6N33M4SY	4.0	6	33	1.0	480	76
D4F6N40M4SY	4.0	6	40	1.2	480	81
D4F6N48M4SY	4.0	6	48	1.5	480	87
D4F6N52M4SY	4.0	6	52	1.7	480	89
D4F6N64M4SY	4.0	6	64	2.1	480	100
D4F6N88M4SY	4.0	6	88	2.8	480	115
D4F6N106M4SY	4.0	6	106	3.1	480	129
D4F6N120M4SY	4.0	6	120	4.0	480	138