
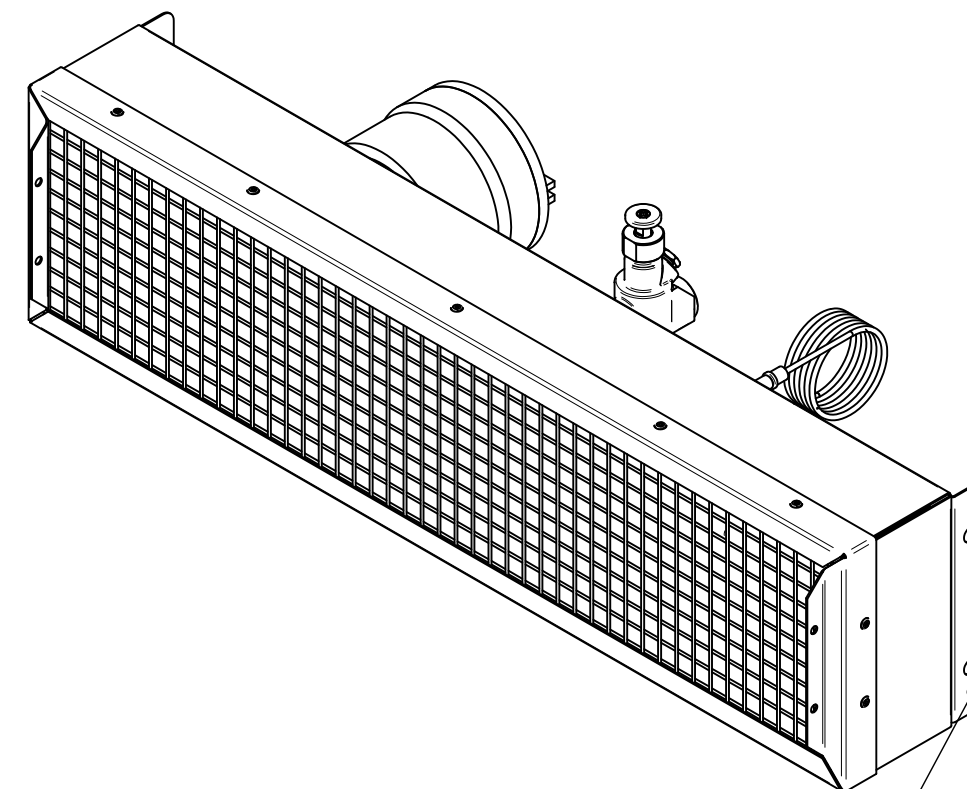
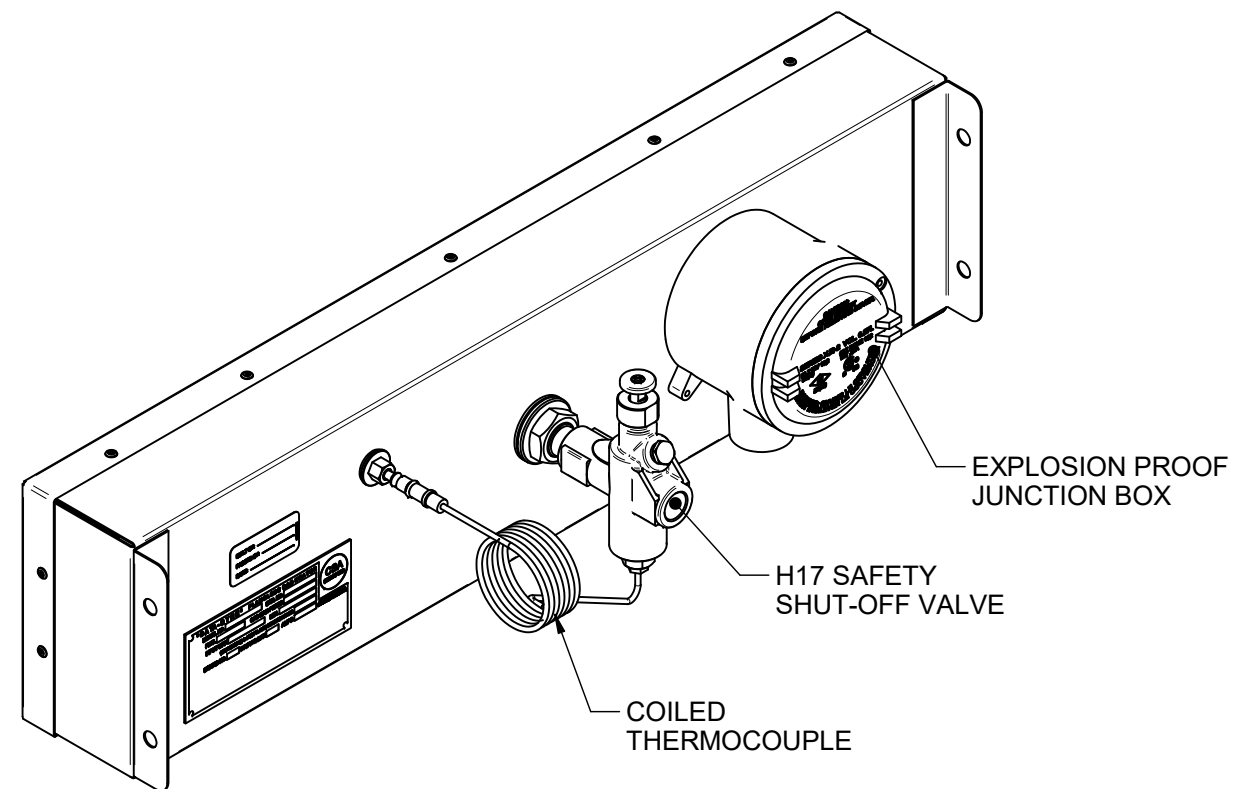


JUNCTION BOX, SAFETY SHUT-OFF VALVE & THERMOCOUPLE ARE NOT SHOWN IN THIS VIEW FOR CLARITY

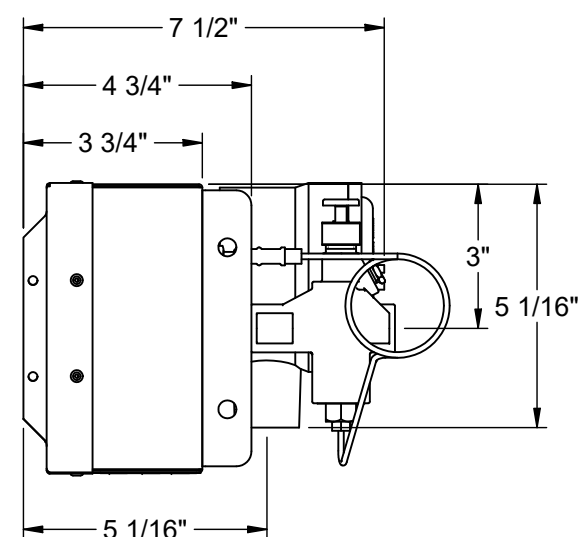
NOTES:
APPROXIMATE WEIGHT UNPACKAGED: 7 LBS

REV.	REVISION DESCRIPTION				DATE	BY
TITLE: 6x6 Cata-Dyne™ Oil & Gas Heater						
DWG NO.: 01-01-0012		SHEET: 1 OF 1		TOLERANCE UNLESS NOTED OTHERWISE		
SYTELIN NO.:N/A				± 1/2" ANGULAR	± 0.005" DECIMAL	± 1/16" FRACTIONAL
SCALE: AS SHOWN						± mm METRIC
DRN BY: nsanchez		11 May 2004				
CHK'D BY: NJS						
APP'D. BY: MAN						

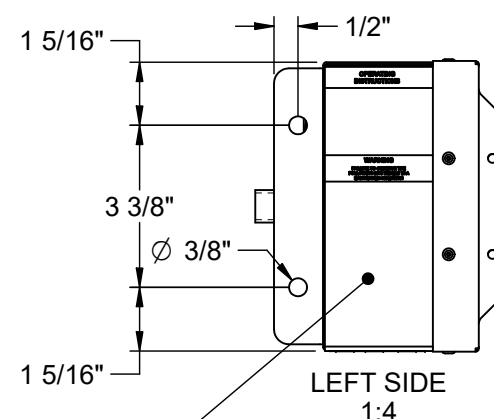




TYP. HEATER BRACKET
(BOTH SIDES)
REFER TO SIDE VIEW
FOR DIMENSIONS



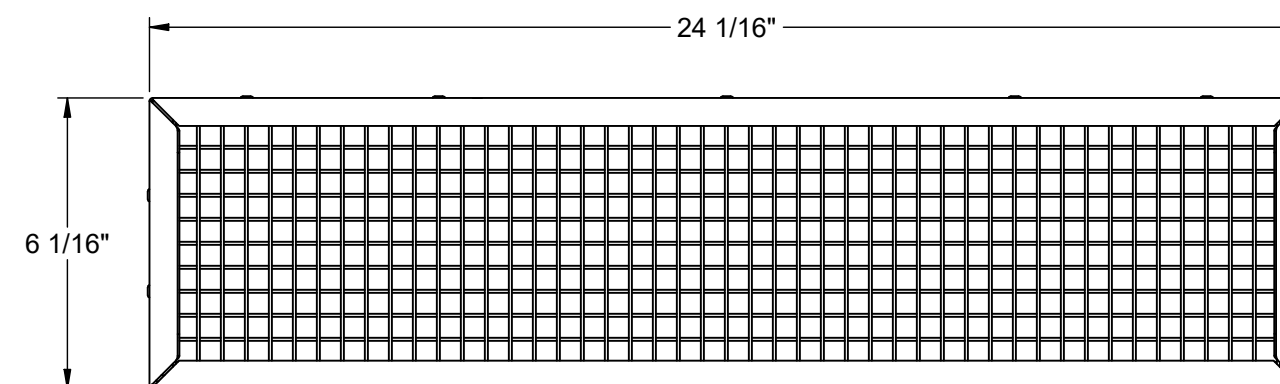
RIGHT SIDE
1:4



LEFT SIDE
1:4

START UP &
OPERATION
INSTRUCTIONS

JUNCTION BOX, SAFETY SHUT-OFF VALVE &
THERMOCOUPLE ARE NOT SHOWN IN THIS
VIEW FOR CLARITY

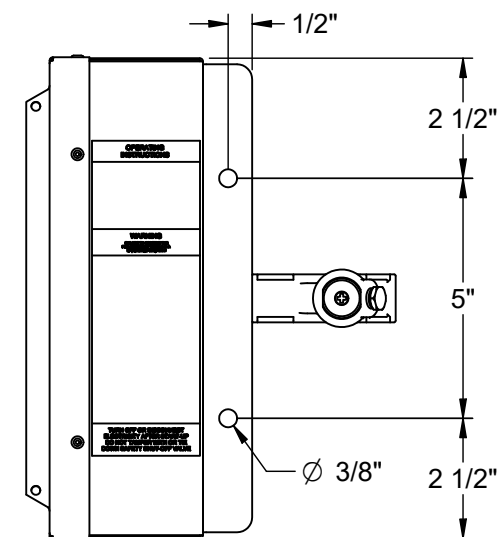
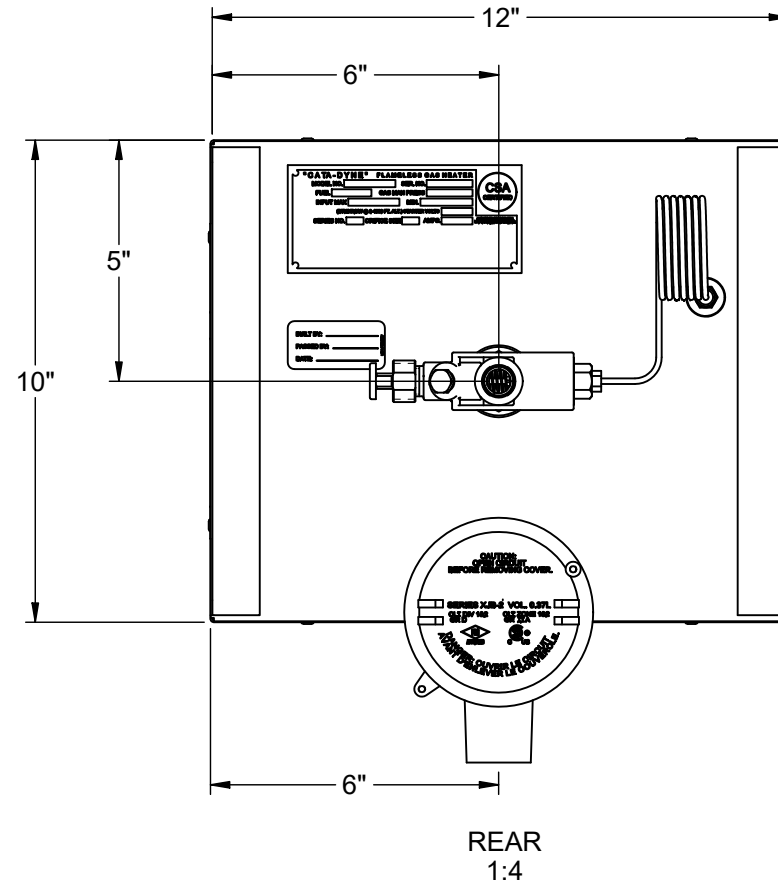
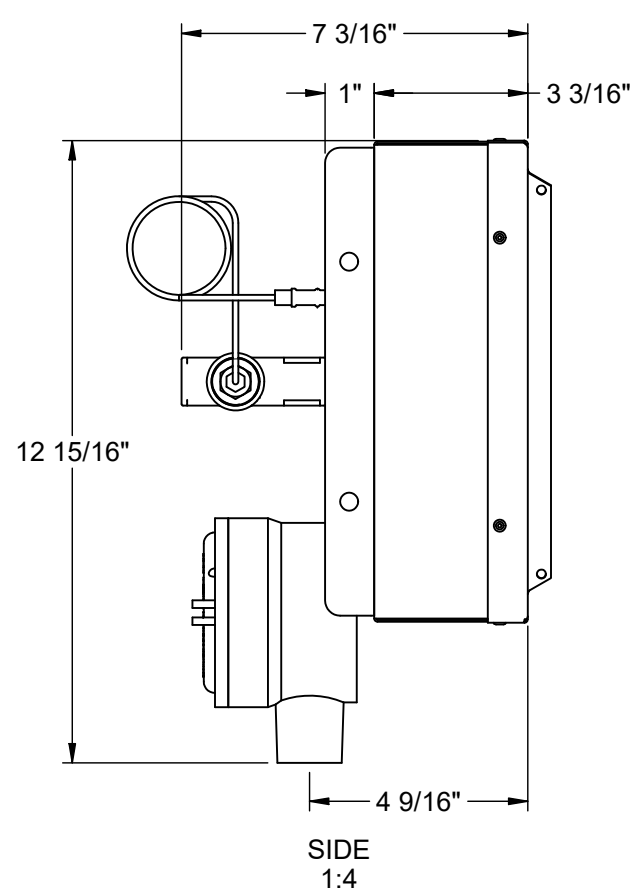
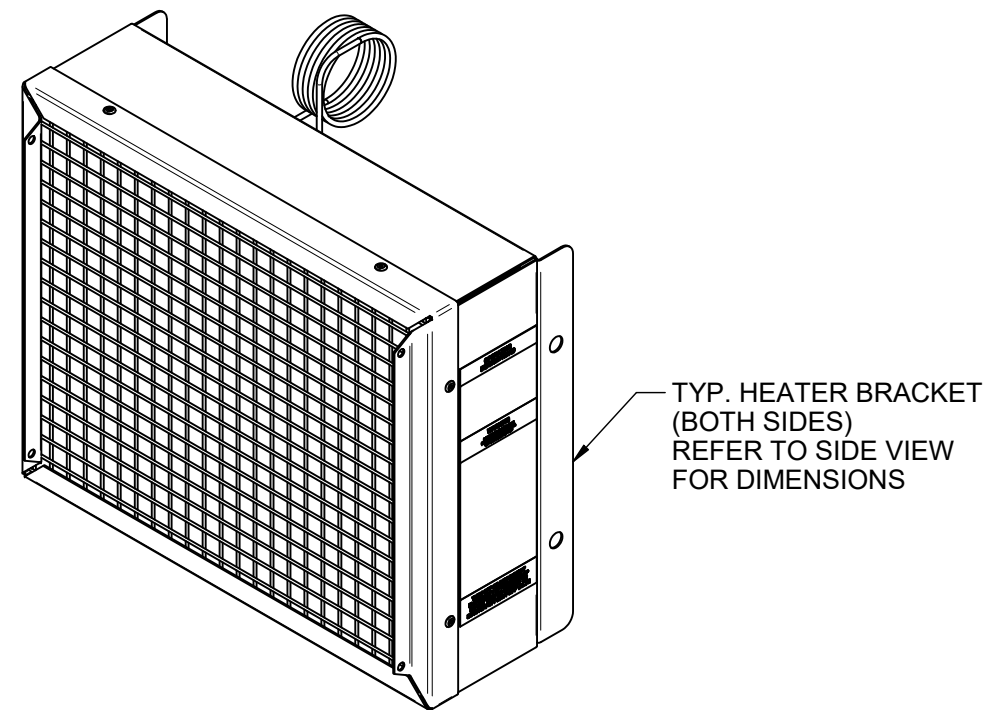
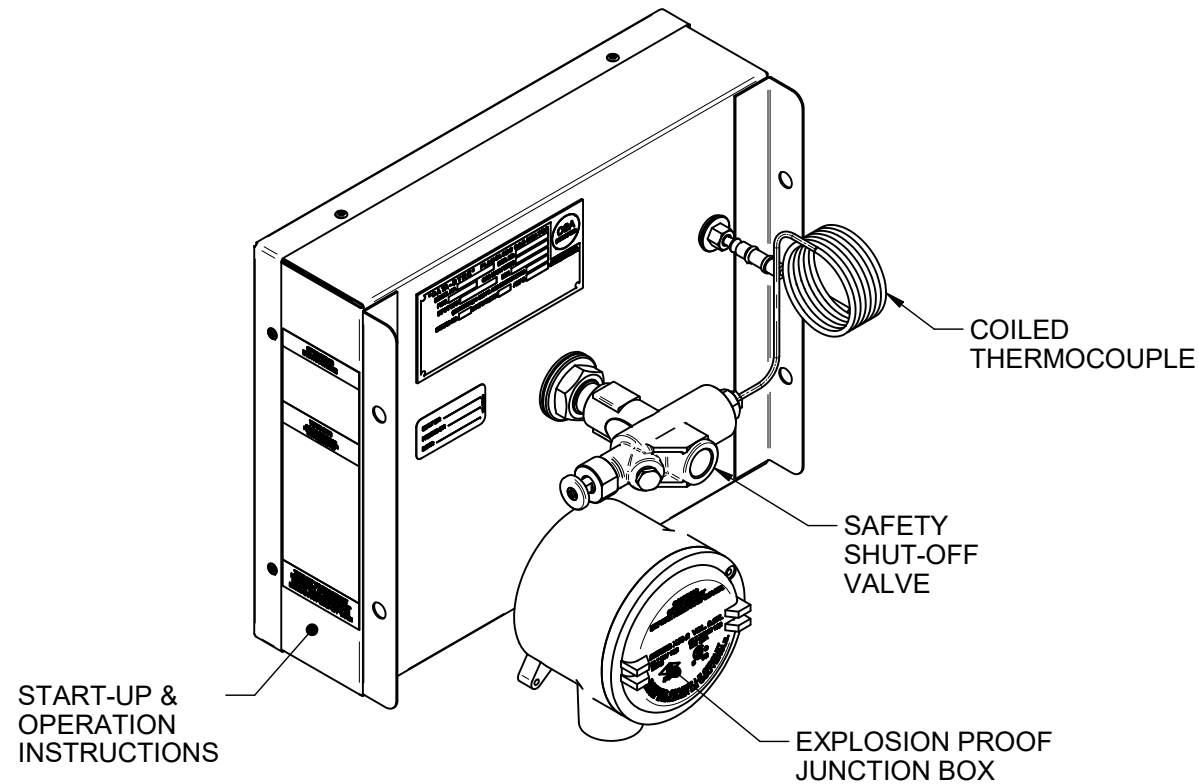


FRONT
1:4

NOTES:

APPROXIMATE WEIGHT UNPACKAGED: 12 LBS


REV.	REVISION DESCRIPTION	DATE	BY
TITLE: 6x24 Cata-Dyne™ Oil & Gas Heater			
DWG NO.: 01-01-0013	SHEET: 1 OF 1	TOLERANCE UNLESS NOTED OTHERWISE	
SYTLINE NO.: N/A	SCALE: AS SHOWN	± 1/2° ANGULAR	± 0.005" DECIMAL
DRN BY: D. AMYOTTE	12 May 2004	± 1/16" FRACTIONAL	± mm METRIC
CHK'D BY: NJS			
APP'D. BY: MAN			



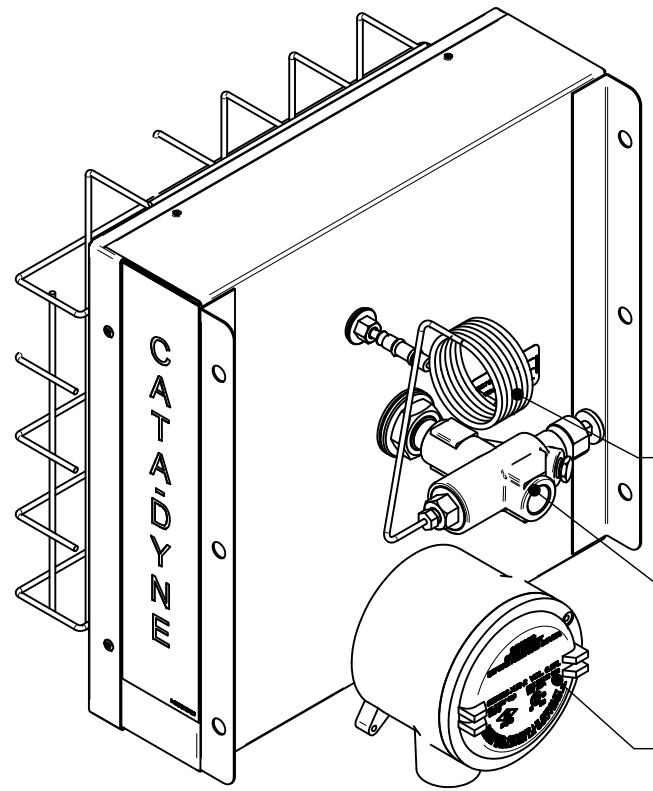
SIDE 1:4 JUNCTION BOX, SAFETY SHUT-OFF VALVE & THERMOCOUPLE ARE NOT SHOWN IN THIS VIEW FOR CLARITY

NOTES:

APPROXIMATE WEIGHT UNPACKAGED: 12 LBS

REV.	REVISION DESCRIPTION		DATE		BY
TITLE: 10x12 Cata-Dyne™ Oil & Gas Heater					
DWG NO.: 01-01-0016		SHEET: 1 OF 1		TOLERANCE UNLESS NOTED OTHERWISE	
SYTELINE NO.: N/A		± 1/2° ANGULAR	± 0.005" DECIMAL	± 1/16" FRACTIONAL	± mm METRIC
SCALE: AS SHOWN					
DRN BY: D. AMYOTTE		13 May 2004			
CHK'D BY: NJS					
APP'D. BY: MAN					
<div><div>HEATING SYSTEMS</div></div>					





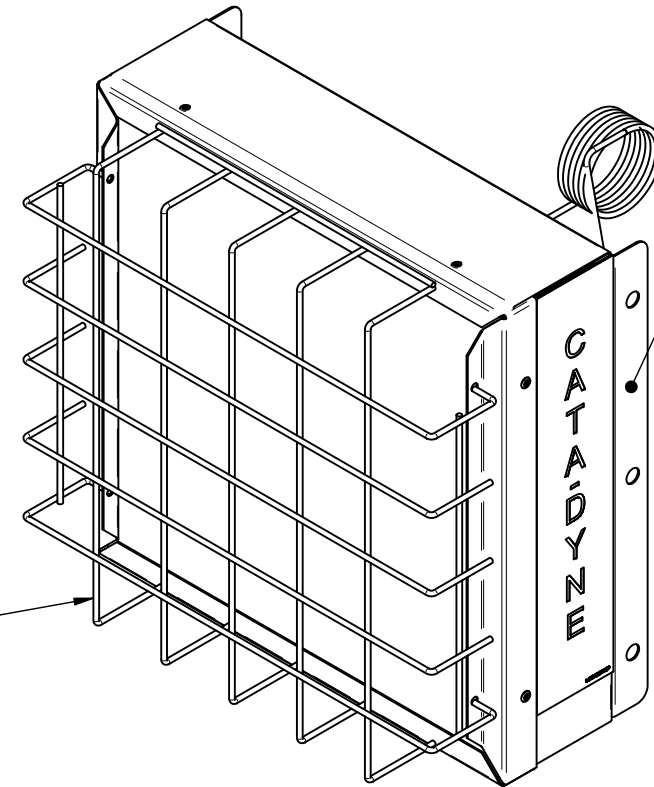
COILED
THERMOCOUPLE

H17 SAFETY
SHUT-OFF VALVE

EXPLOSION PROOF
JUNCTION BOX

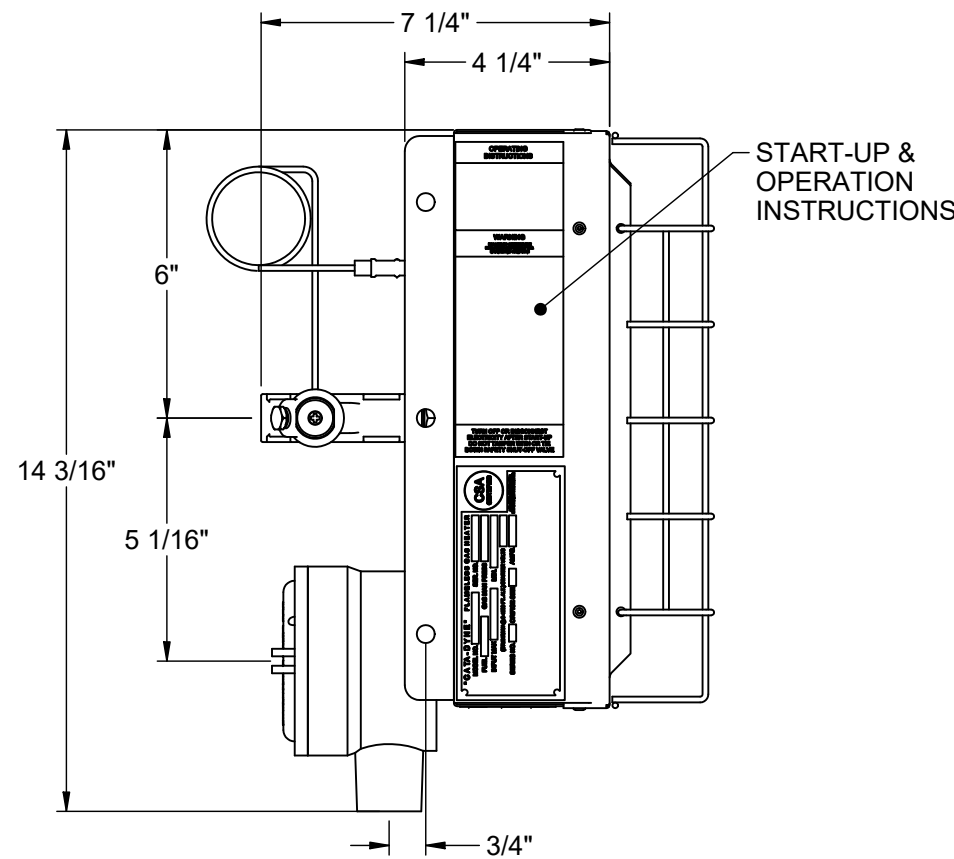
NOTES:

APPROXIMATE WEIGHT UNPACKAGED 14 LBS



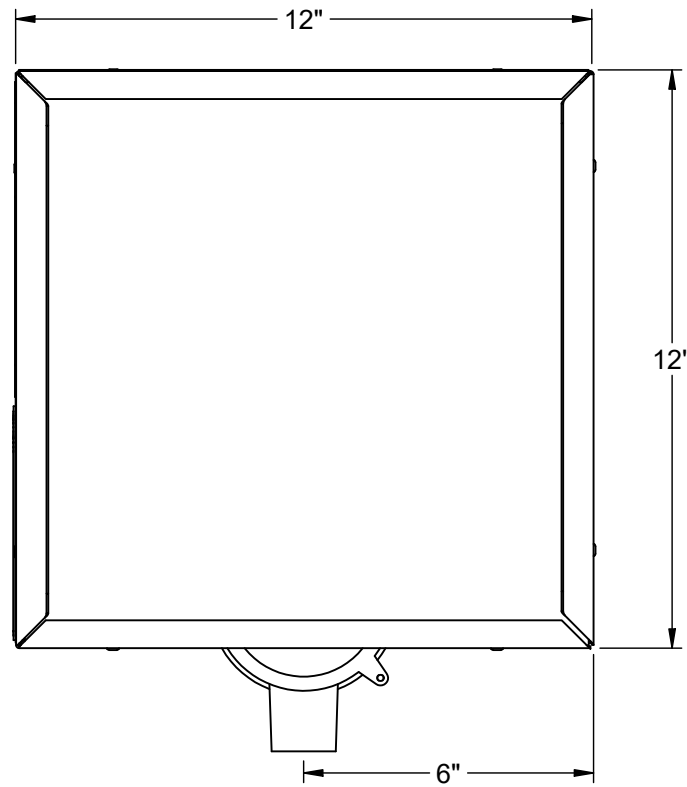
TYP. HEATER BRACKET
(BOTH SIDES)
REFER TO SIDE VIEW
FOR DIMENSIONS

SNAP-ON PROTECTION
GRILL AVAILABLE
ON ORDER

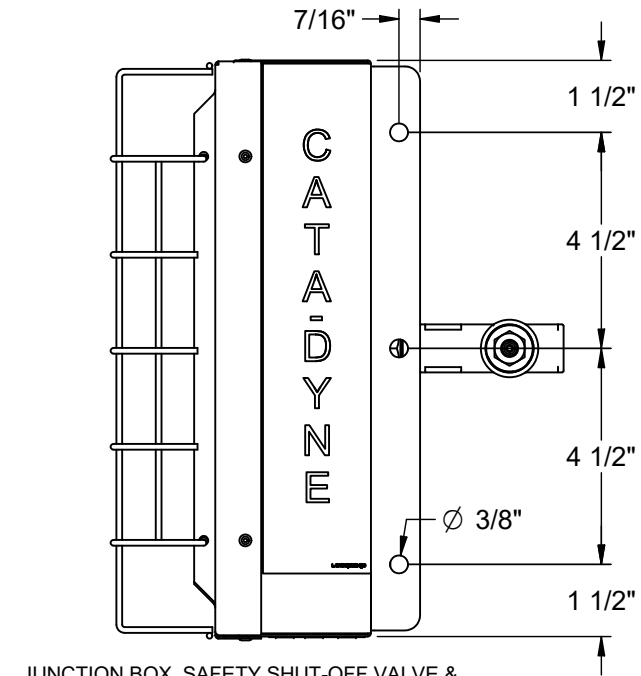


START-UP &
OPERATION
INSTRUCTIONS

SIDE
1:4




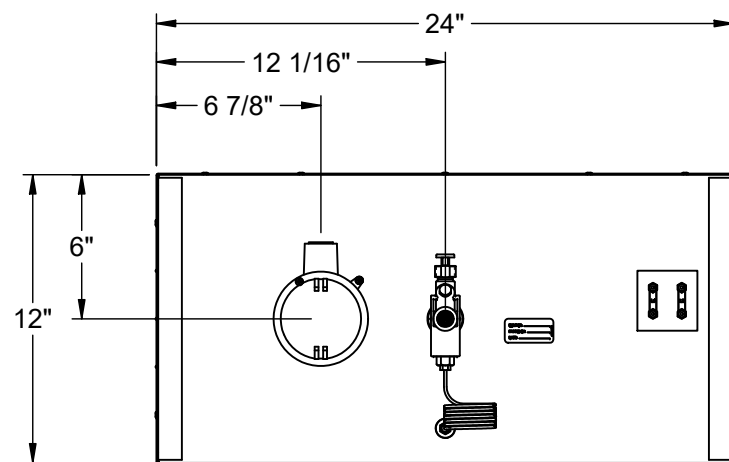
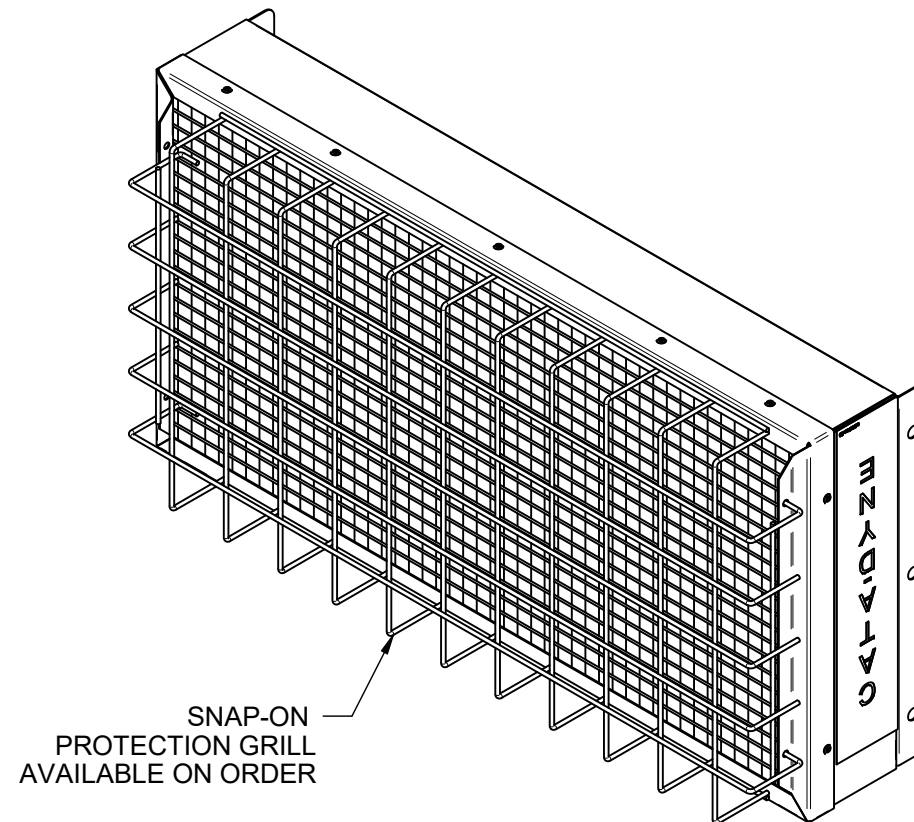
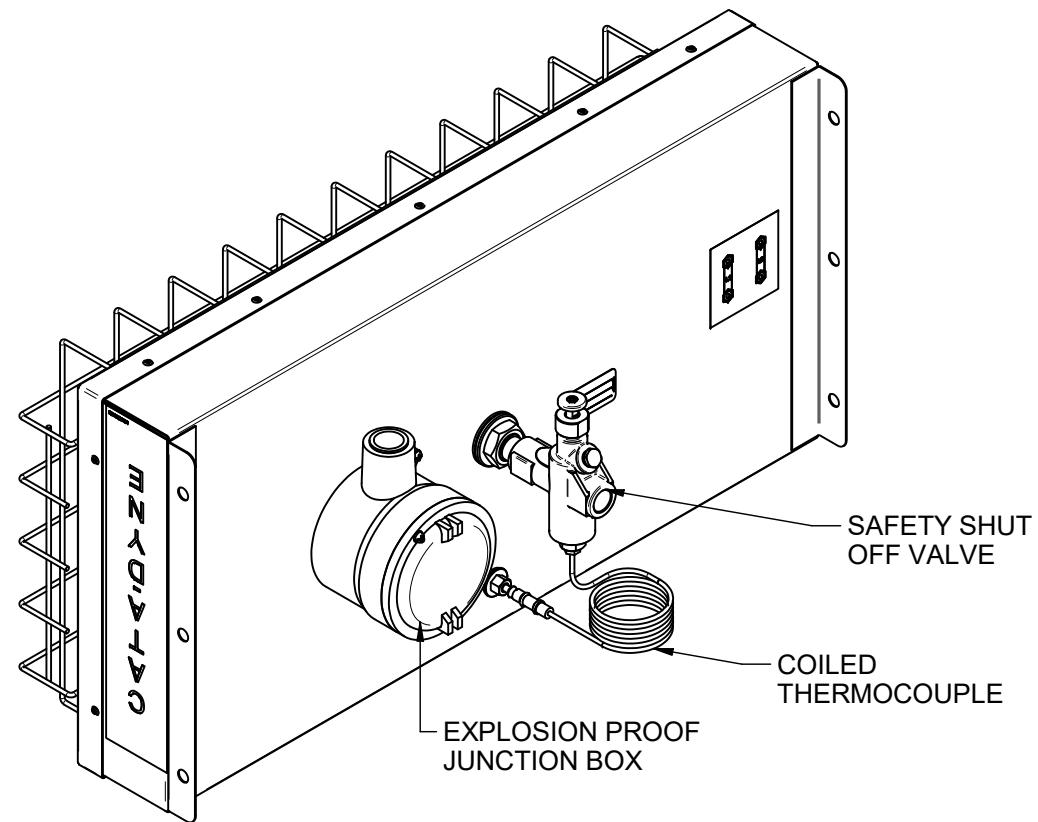
FRONT
1:4



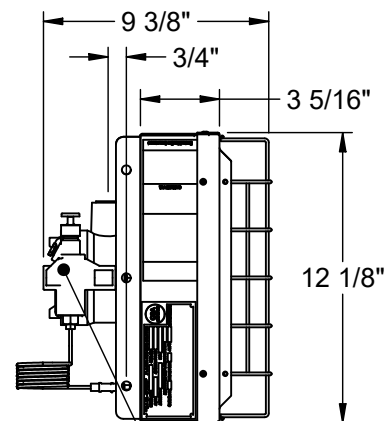
JUNCTION BOX, SAFETY SHUT-OFF VALVE &
THERMOCOUPLE ARE NOT SHOWN IN THIS
VIEW FOR CLARITY

SIDE
1:4

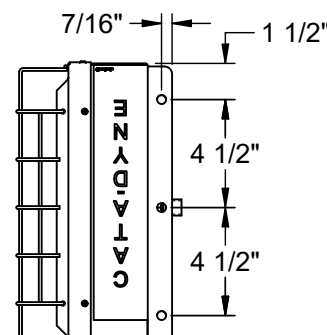
REV.	REVISION DESCRIPTION			DATE	BY
TITLE: 12x12 Cata-Dyne™ Oil & Gas Heater					
DWG NO.: 01-01-0011		SHEET: 1 OF 1		TOLERANCE UNLESS NOTED OTHERWISE	
SYTeline NO.: N/A		± 1/2" ANGULAR	± 0.005" DECIMAL	± 1/16" FRACTIONAL	± mm METRIC
SCALE: AS SHOWN		<div><div>HEATING SYSTEMS</div></div>			
DRN BY: cforde	13 May 2004				
CHK'D BY: NJS					
APP'D. BY: MAN					



BACK
1:8



START UP &
OPERATION
INSTRUCTIONS
SIDE
1:8




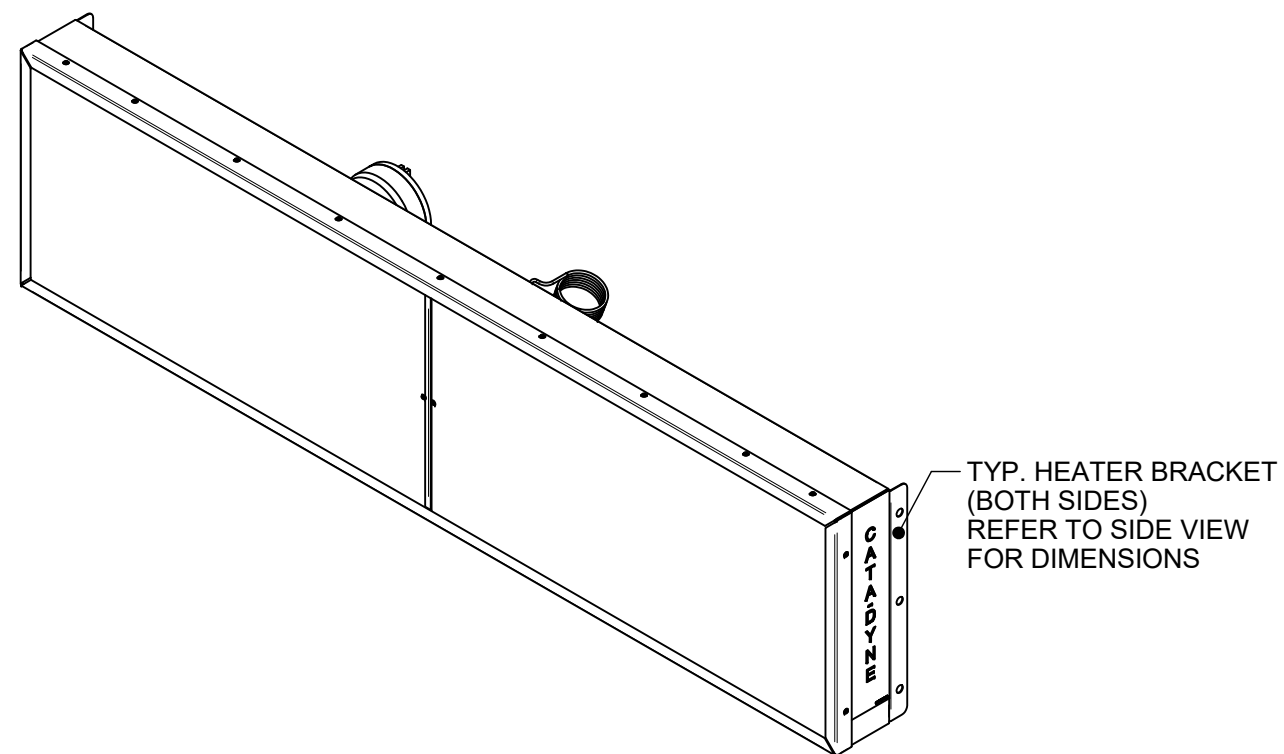
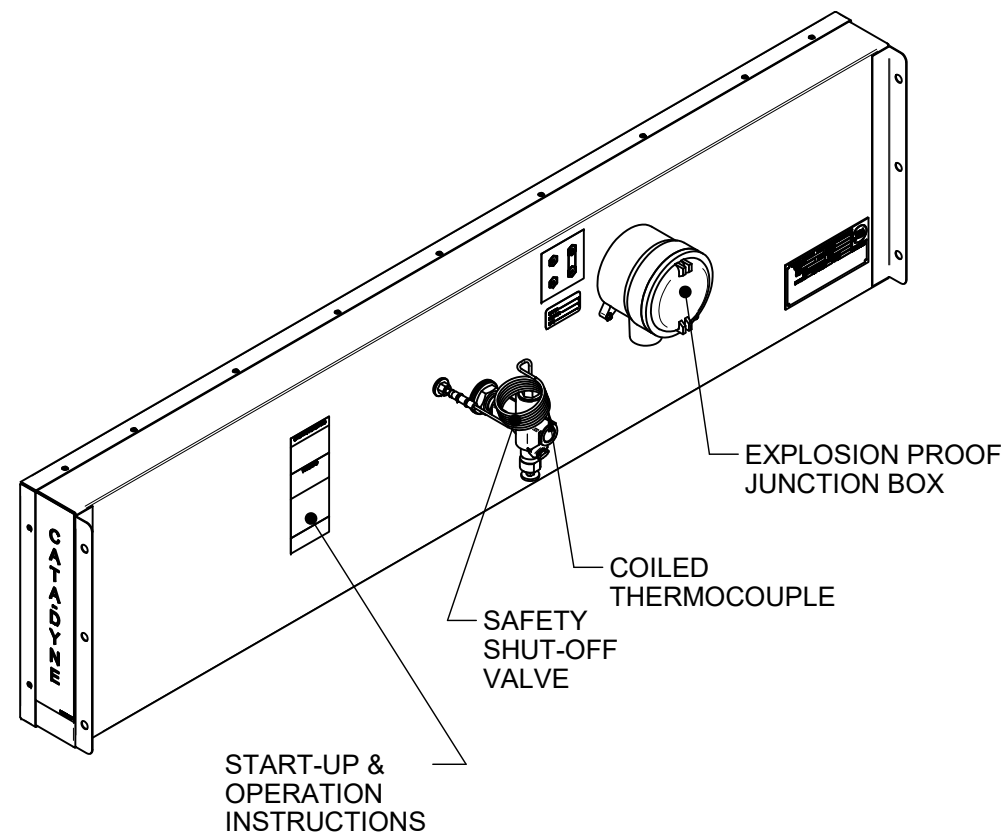
SIDE
1:8

JUNCTION BOX, SAFETY SHUT-OFF VALVE & THERMOCOUPLE ARE NOT SHOWN IN THIS VIEW FOR CLARITY

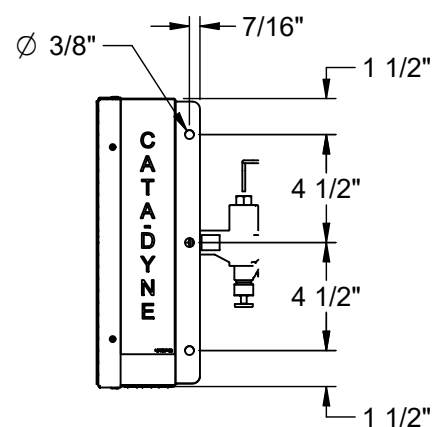
NOTES:

APPROXIMATE WEIGHT UNPACKAGED 21 LBS

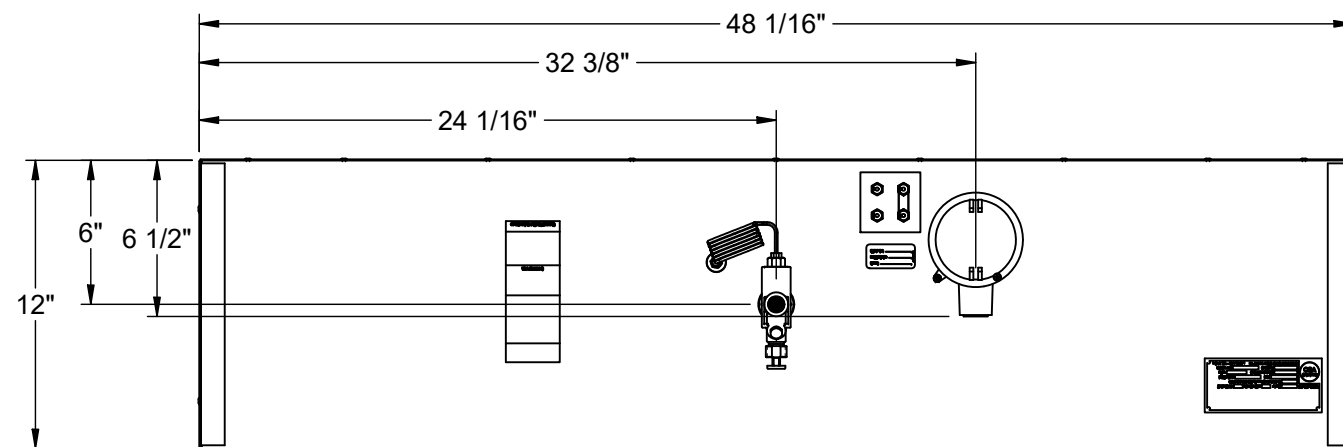
1	SHEET NUMBERS ADDED.	20 SEP 2005	NJS
REV.	REVISION DESCRIPTION	DATE	BY
TITLE: 12x24 Cata-Dyne™ Oil & Gas Heater			
DWG NO.: 01-01-0006	SHEET: 3 OF 6	TOLERANCE UNLESS NOTED OTHERWISE	
SYTELINE NO.: N/A		± 1/2° ANGULAR	± 0.005" DECIMAL
SCALE: AS SHOWN		± 1/16" FRACTIONAL	± mm METRIC
DRN BY: nsanchez	27 Apr 2004		
CHK'D BY: NJS			
APP'D. BY: MAN			



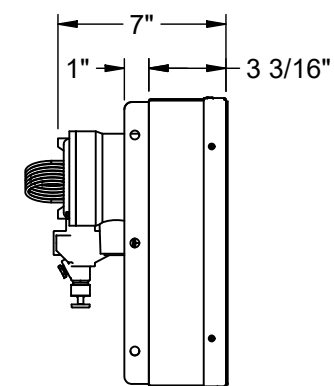
JUNCTION BOX, SAFETY SHUT-OFF VALVE & THERMOCOUPLE ARE NOT SHOWN IN THIS VIEW FOR CLARITY



SIDE
1:8



BACK
1:8




SIDE
1:8

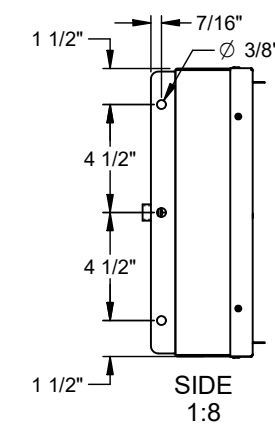
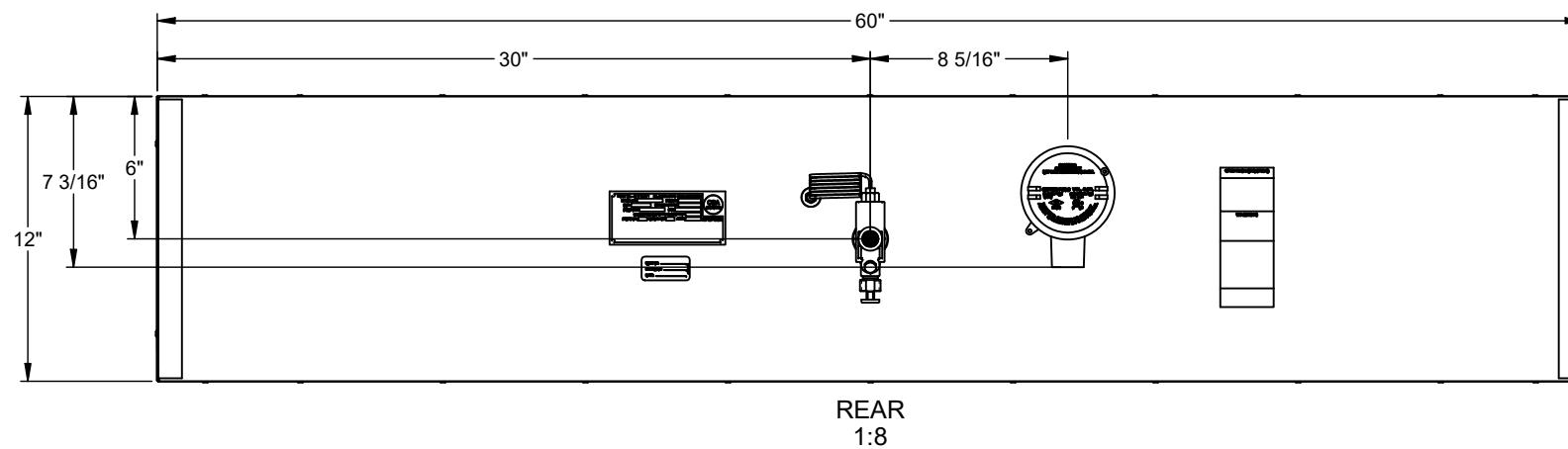
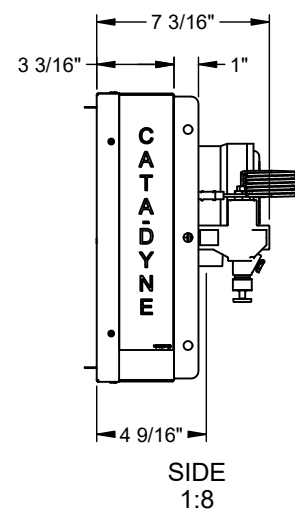
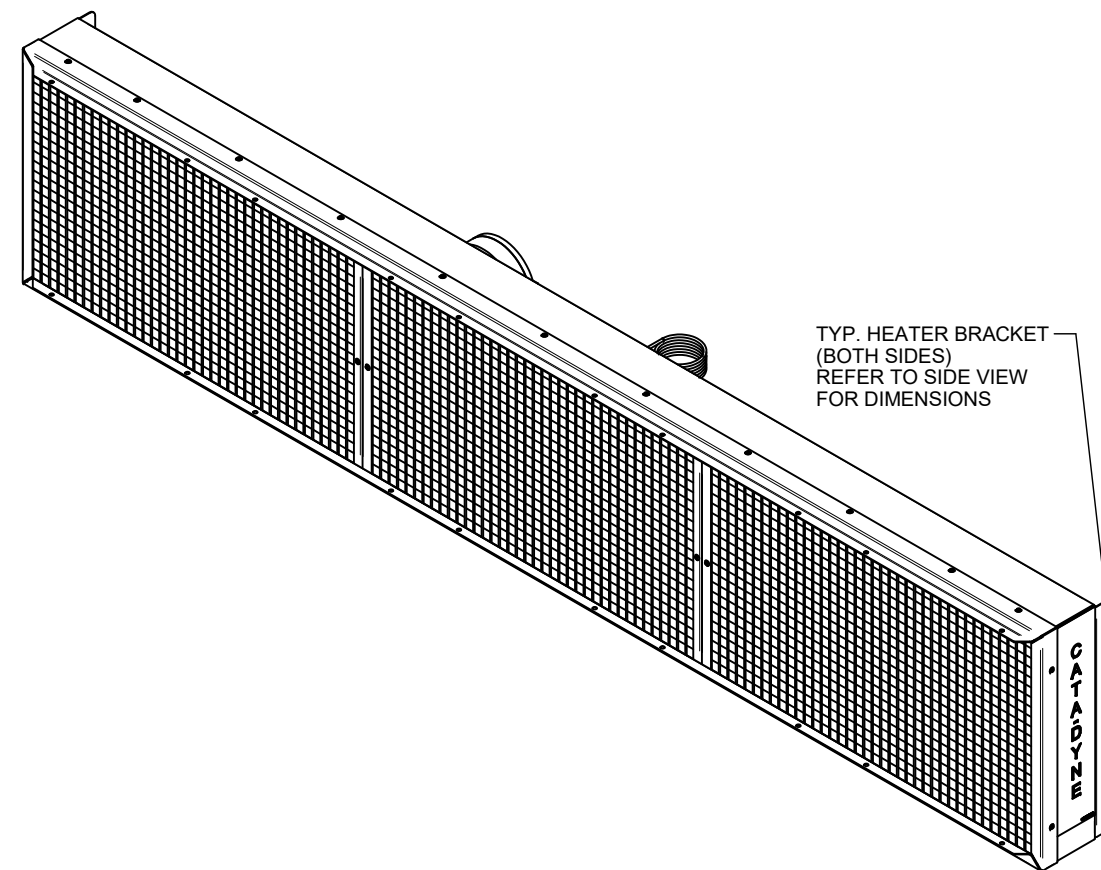
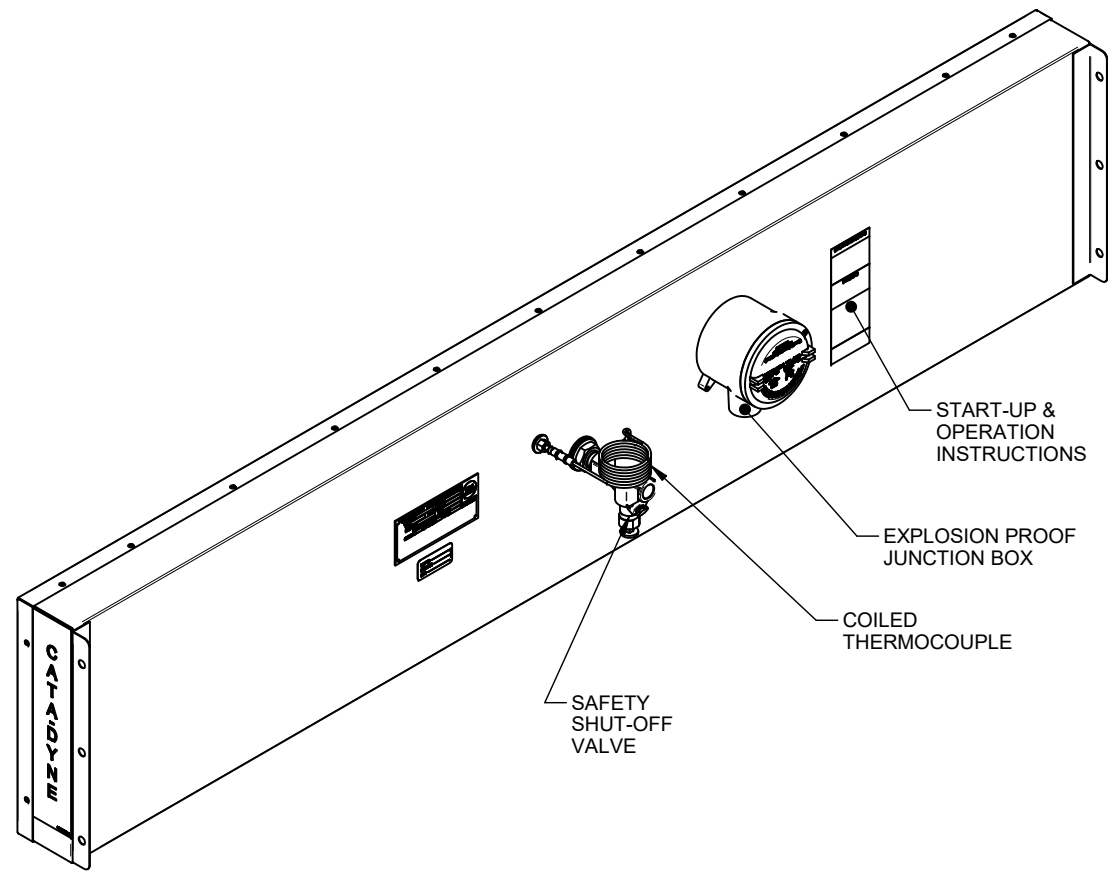
NOTES:

APPROXIMATE WEIGHT UNPACKAGED: 37 LBS

REV.	REVISION DESCRIPTION				DATE	BY	
TITLE: 12x48 Cata-Dyne™ Oil & Gas Heater							
DWG NO.: 01-01-0017			SHEET: 1 OF 1		TOLERANCE UNLESS NOTED OTHERWISE		
SYTELINE NO.:N/A				± 1/2° ANGULAR	± 0.005" DECIMAL	± 1/16" FRACTIONAL	± mm METRIC
SCALE: AS SHOWN							
DRN BY: D. AMYOTTE			17 May 2004				
CHK'D BY: NJS							
APP'D. BY: MAN							




HEATING
SYSTEMS



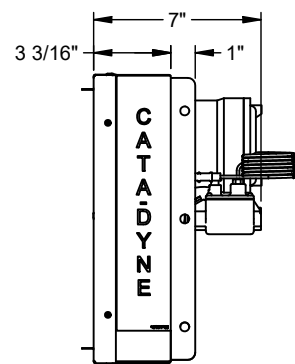
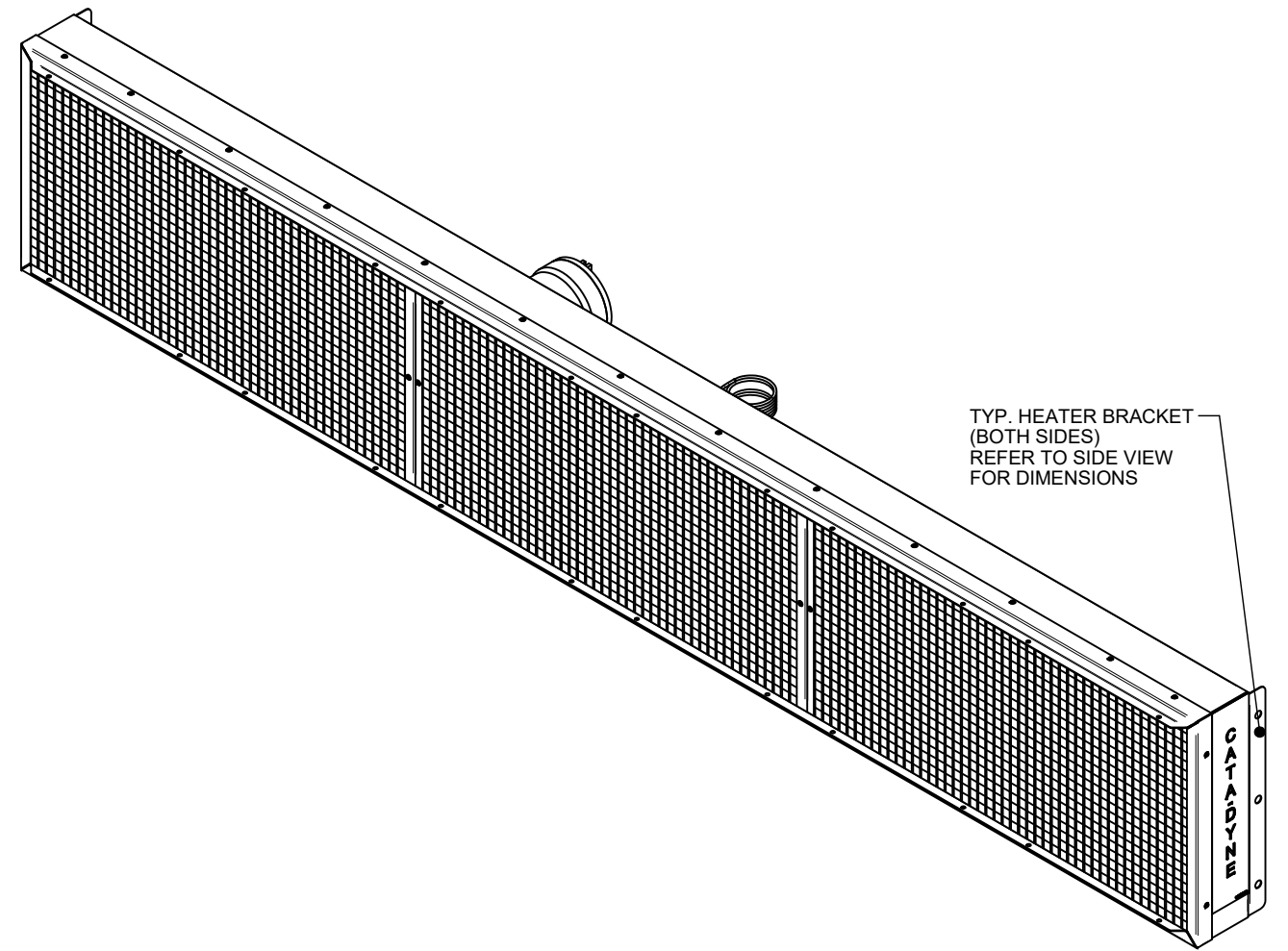
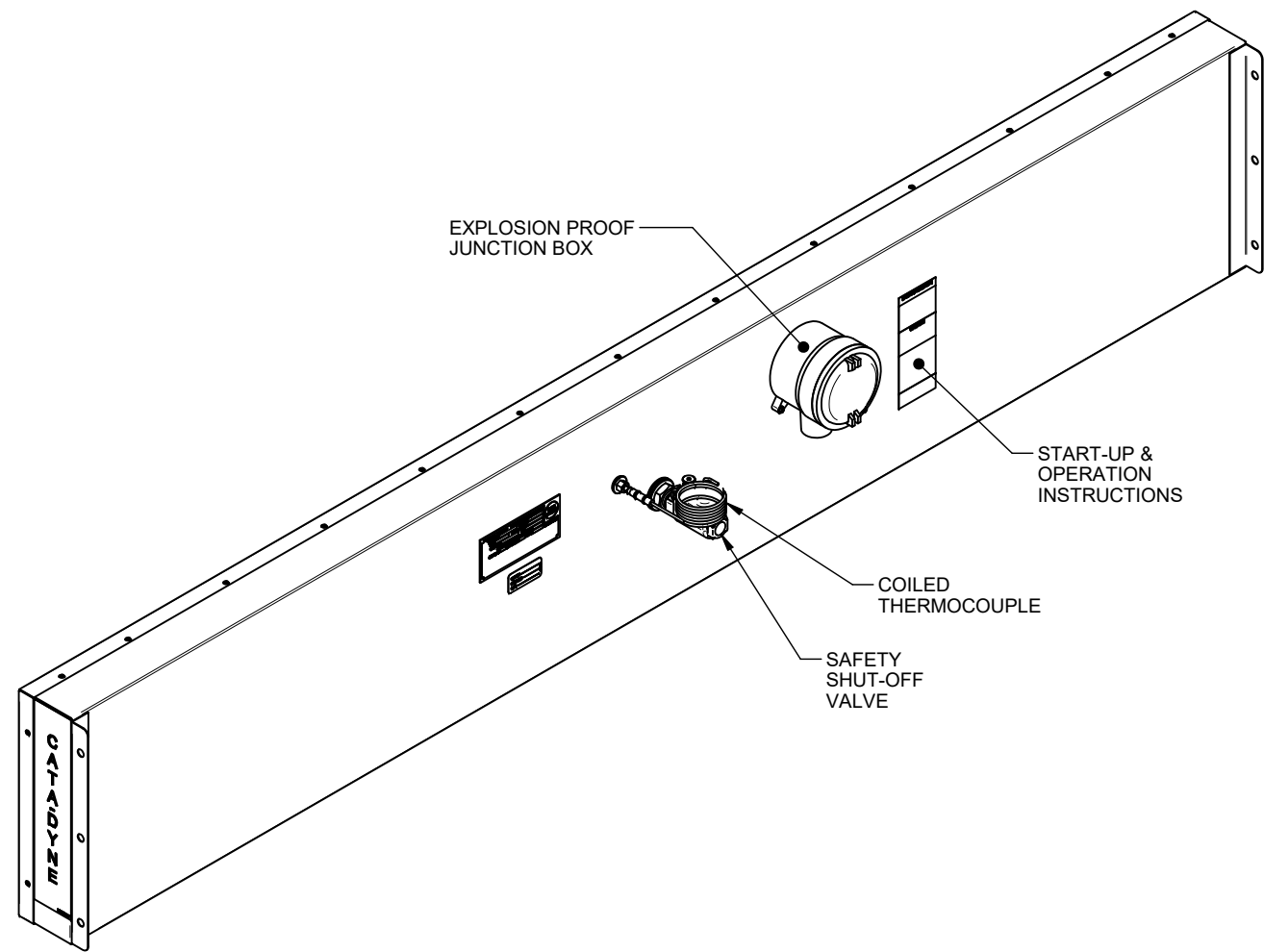
JUNCTION BOX, SAFETY SHUT-OFF VALVE & THERMOCOUPLE ARE NOT SHOWN IN THIS VIEW FOR CLARITY

NOTES:

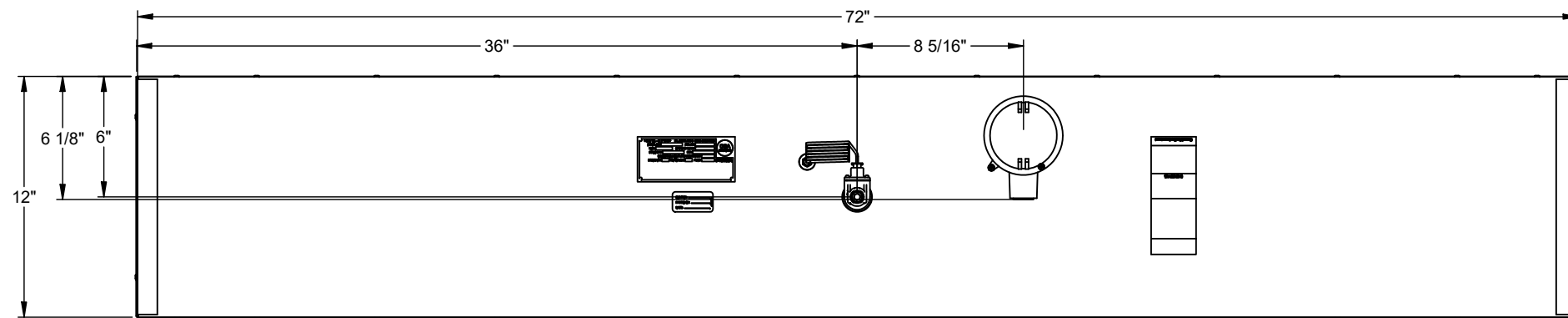
APPROXIMATE WEIGHT UNPACKAGED: 48 LBS

REV.	REVISION DESCRIPTION			DATE	BY
TITLE: 12x60 Cata-Dyne™ Oil & Gas Heater					
DWG NO.: 01-01-0018			TOLERANCE UNLESS NOTED OTHERWISE		
SYTELINE NO.: N/A			± 1/2°	± 0.005"	± 1/16"
SHEET: 1 OF 1			ANGULAR	DECIMAL	FRACTIONAL
SCALE: AS SHOWN			METRIC		
DRN BY: D. AMYOTTE		19 May 2004			
CHK'D BY: NJS					
APP'D. BY: MAN					

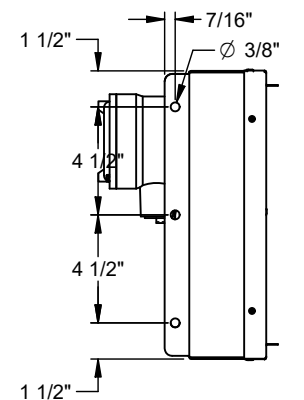




SIDE
1:8



REAR
1:8




SIDE
1:8

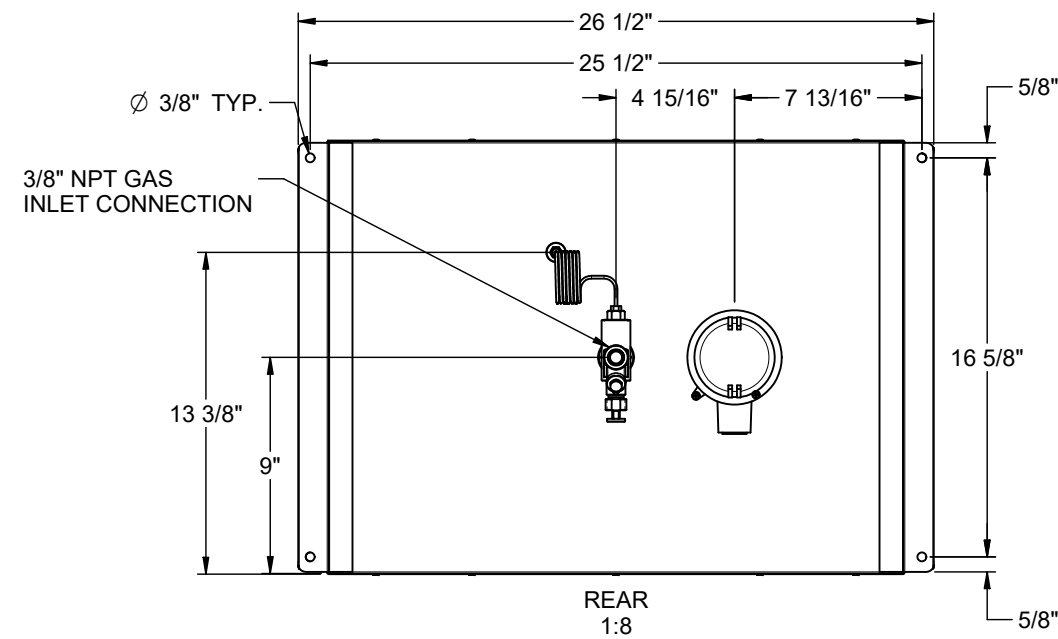
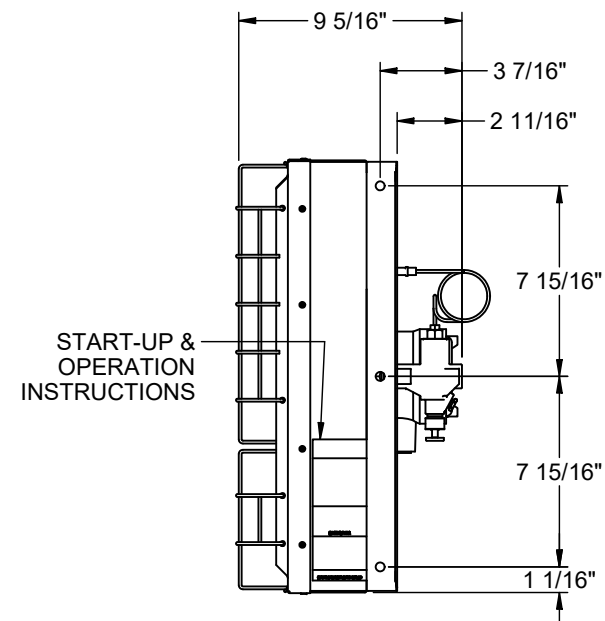
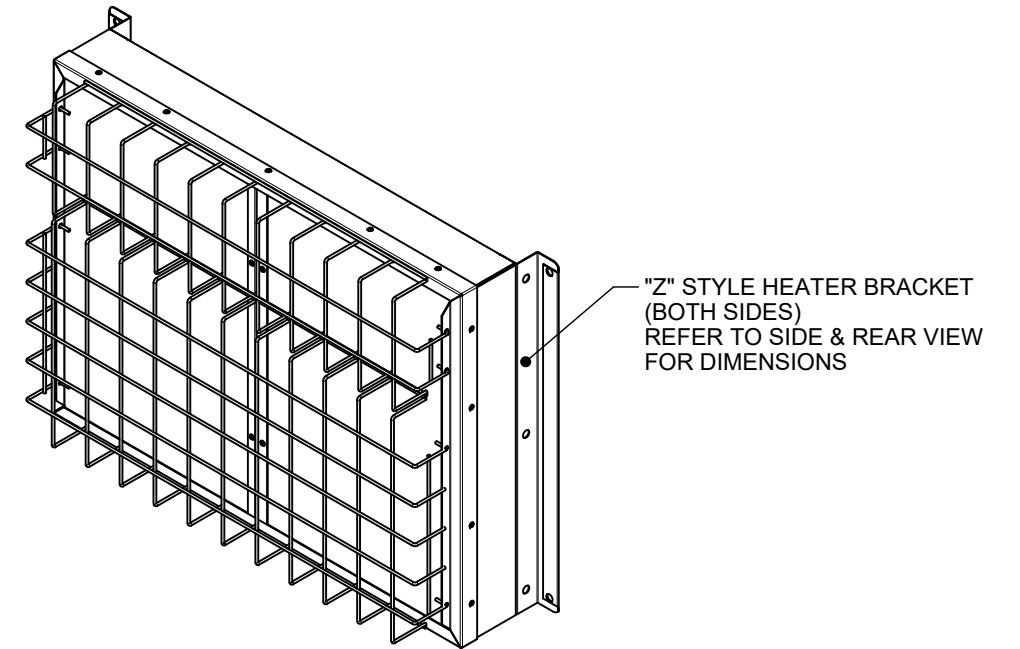
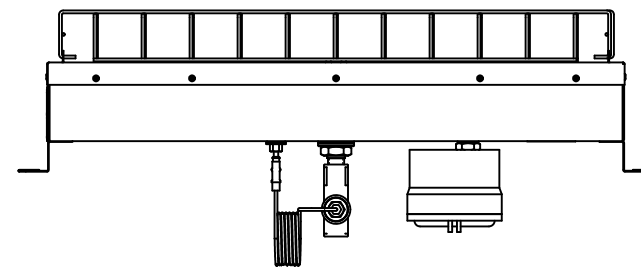
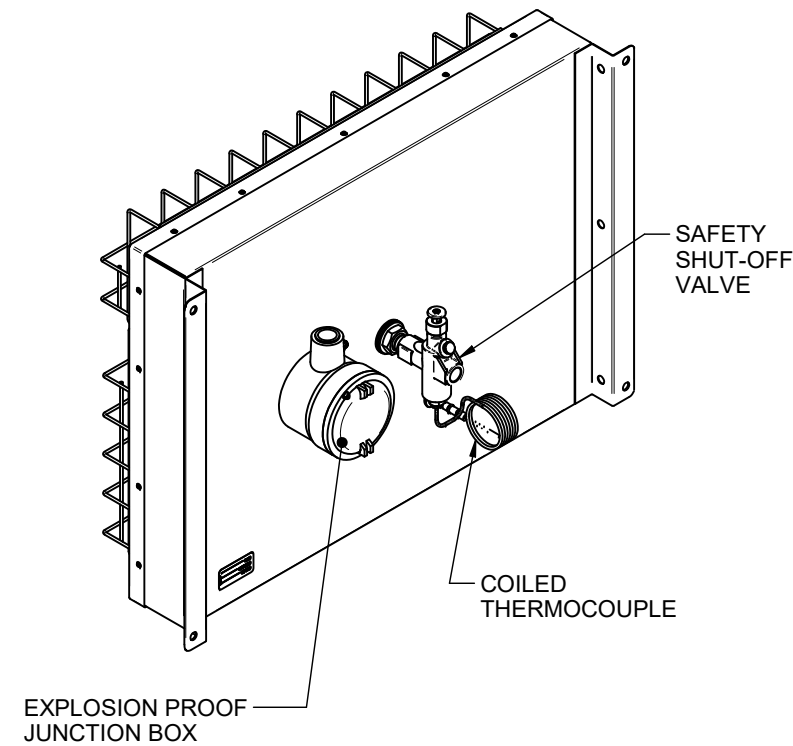
SAFETY SHUT-OFF VALVE & THERMOCOUPLE
ARE NOT SHOWN IN THIS VIEW FOR CLARITY

NOTES:

APPROXIMATE WEIGHT UNPACKAGED: 64 LBS


REV.	REVISION DESCRIPTION				DATE	BY	
TITLE: 12x72 Cata-Dyne™ Oil & Gas Heater							
DWG NO.: 01-01-0019			TOLERANCE UNLESS NOTED OTHERWISE				
SYTELINE NO.: N/A			± 1/2°	± 0.005"	± 1/16"	± mm	
SHEET: 1 OF 1			ANGULAR	DECIMAL	FRACTIONAL	METRIC	
SCALE: AS SHOWN							
DRN BY: D. AMYOTTE		19 May 2004					
CHK'D BY: NJS							
APP'D. BY: MAN							



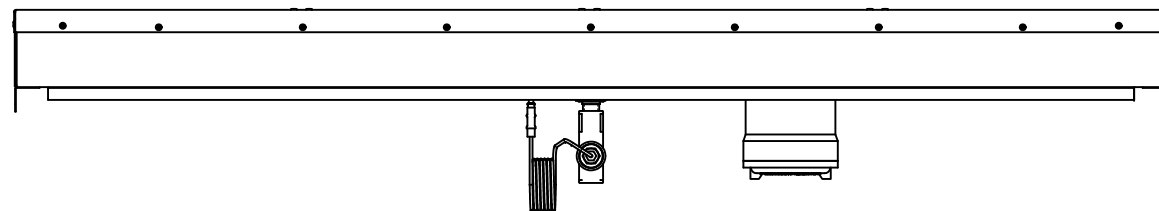
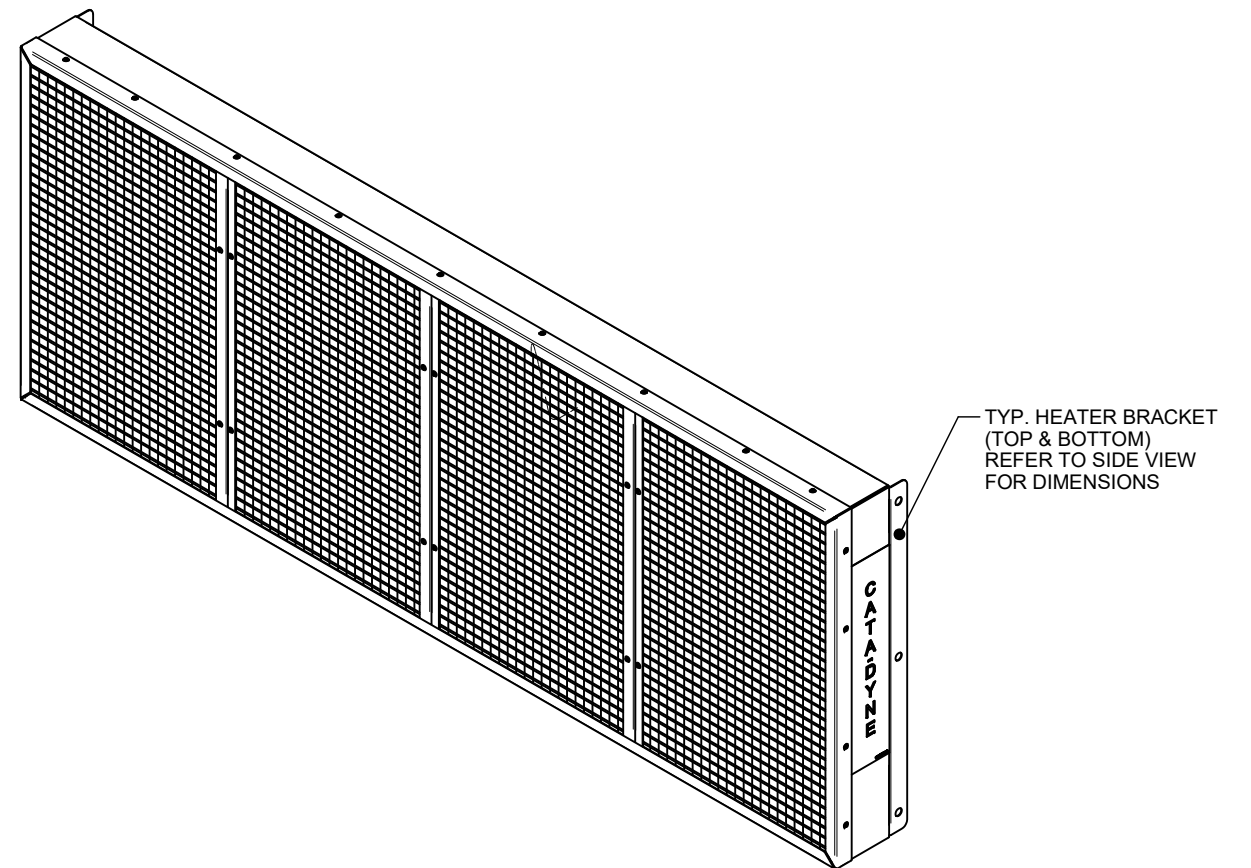
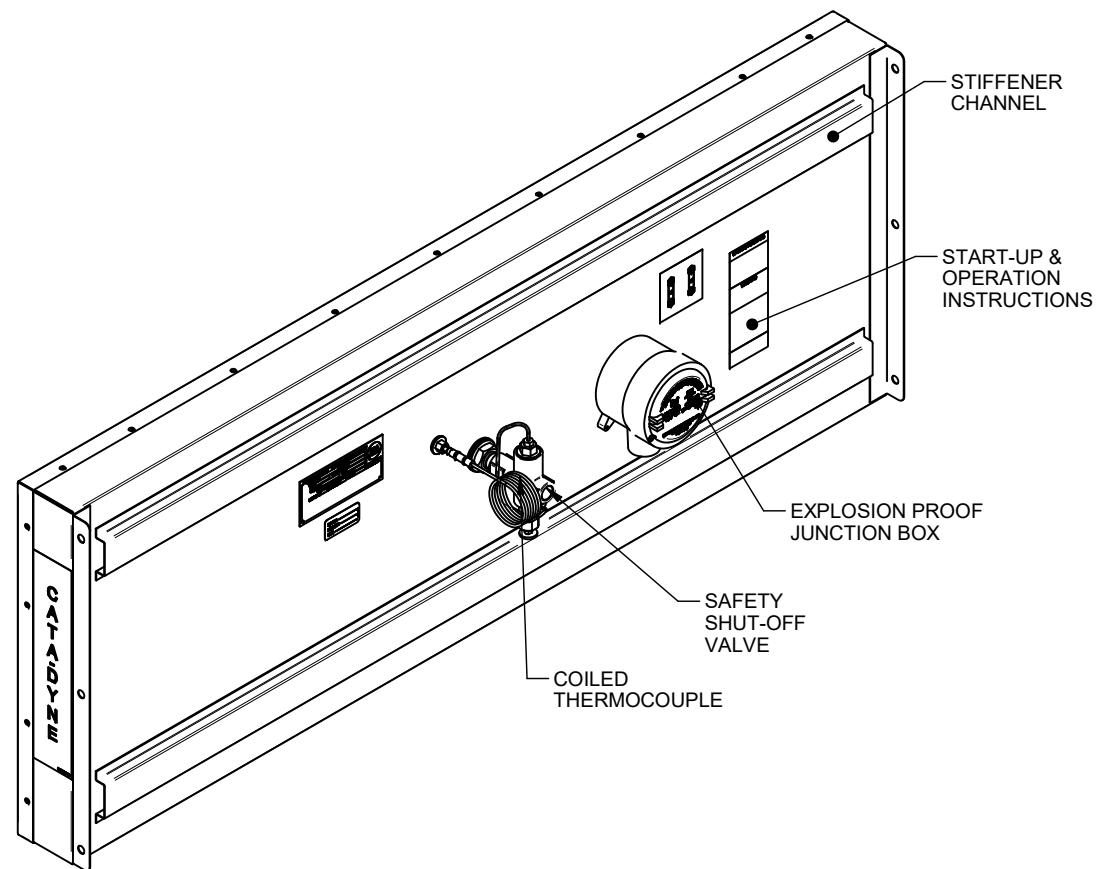


NOTES:

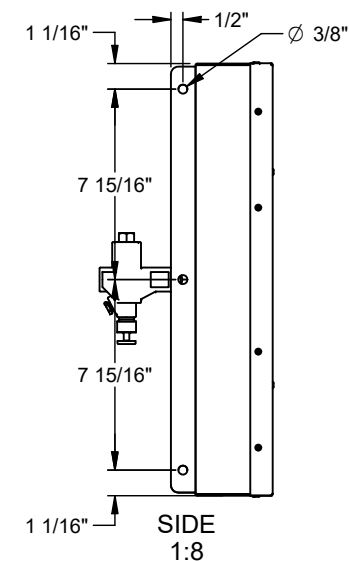
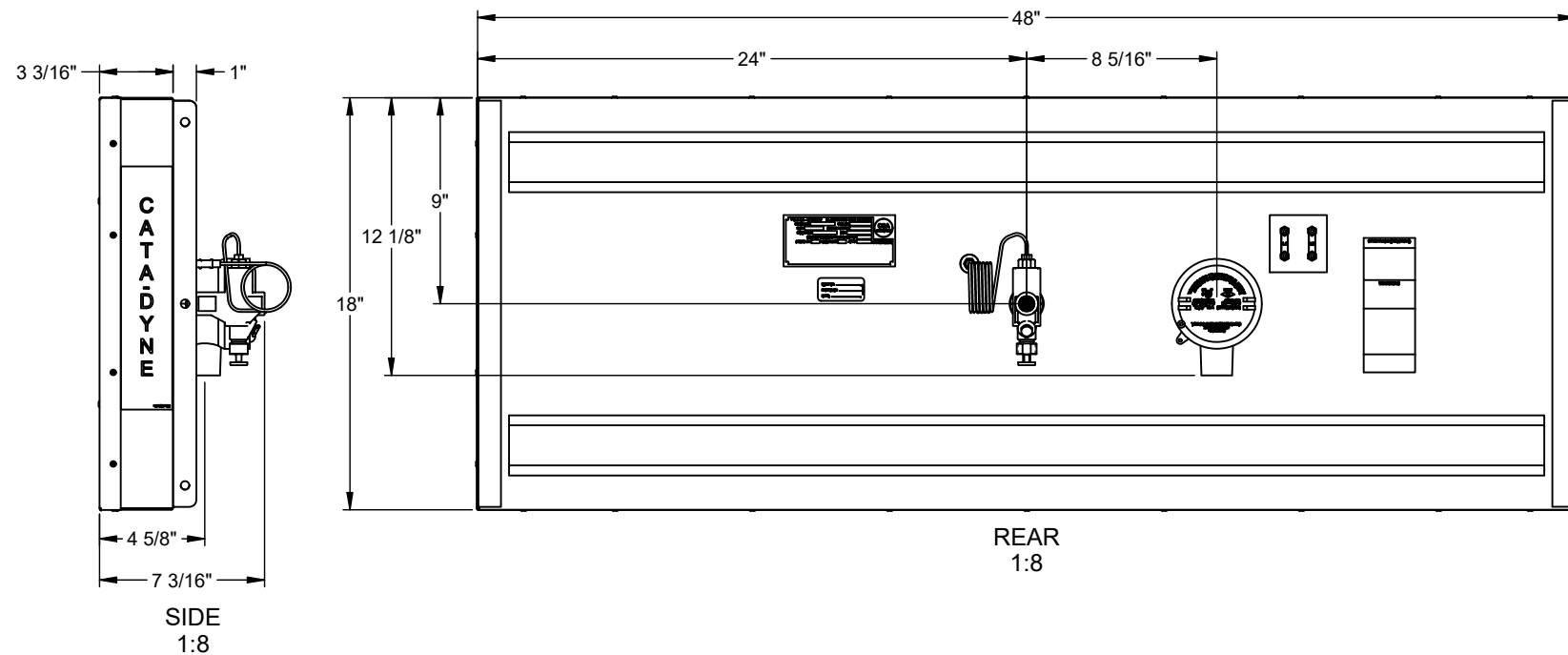
APPROXIMATE WEIGHT UNPACKAGED: 29 LBS

REV.	REVISION DESCRIPTION				DATE	BY
TITLE: 18x24 Cata-Dyne™ Oil & Gas Heater w/ "Z" Brk.						
DWG NO.: 01-01-0010			SHEET: 1 OF 1			
SYTELINE NO.: N/A			TOLERANCE UNLESS NOTED OTHERWISE			
SCALE: AS SHOWN			± 1/2° ANGULAR	± 0.005" DECIMAL	± 1/16" FRACTIONAL	± mm METRIC
DRN BY: N. SANCHEZ		30 Apr 2004				
CHK'D BY: NJS						
APP'D. BY: MAN		<div> HEATING SYSTEMS</div>				





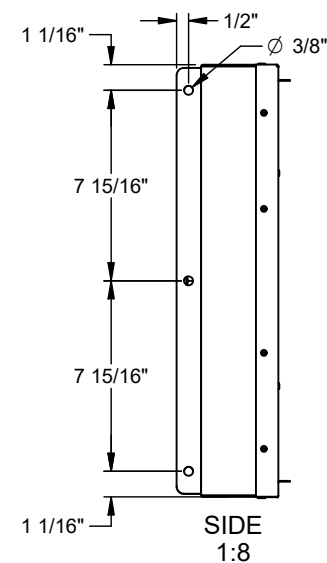
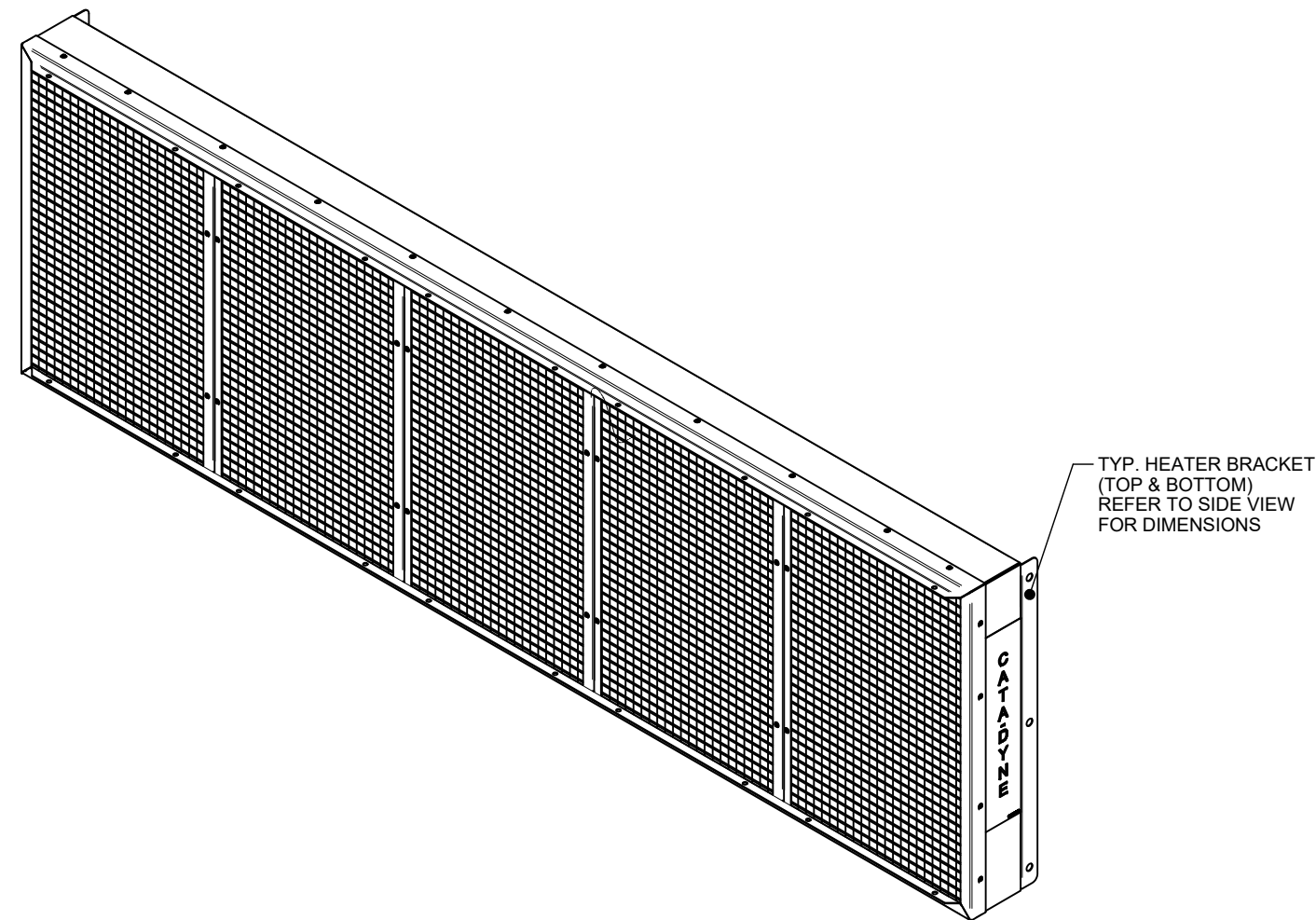
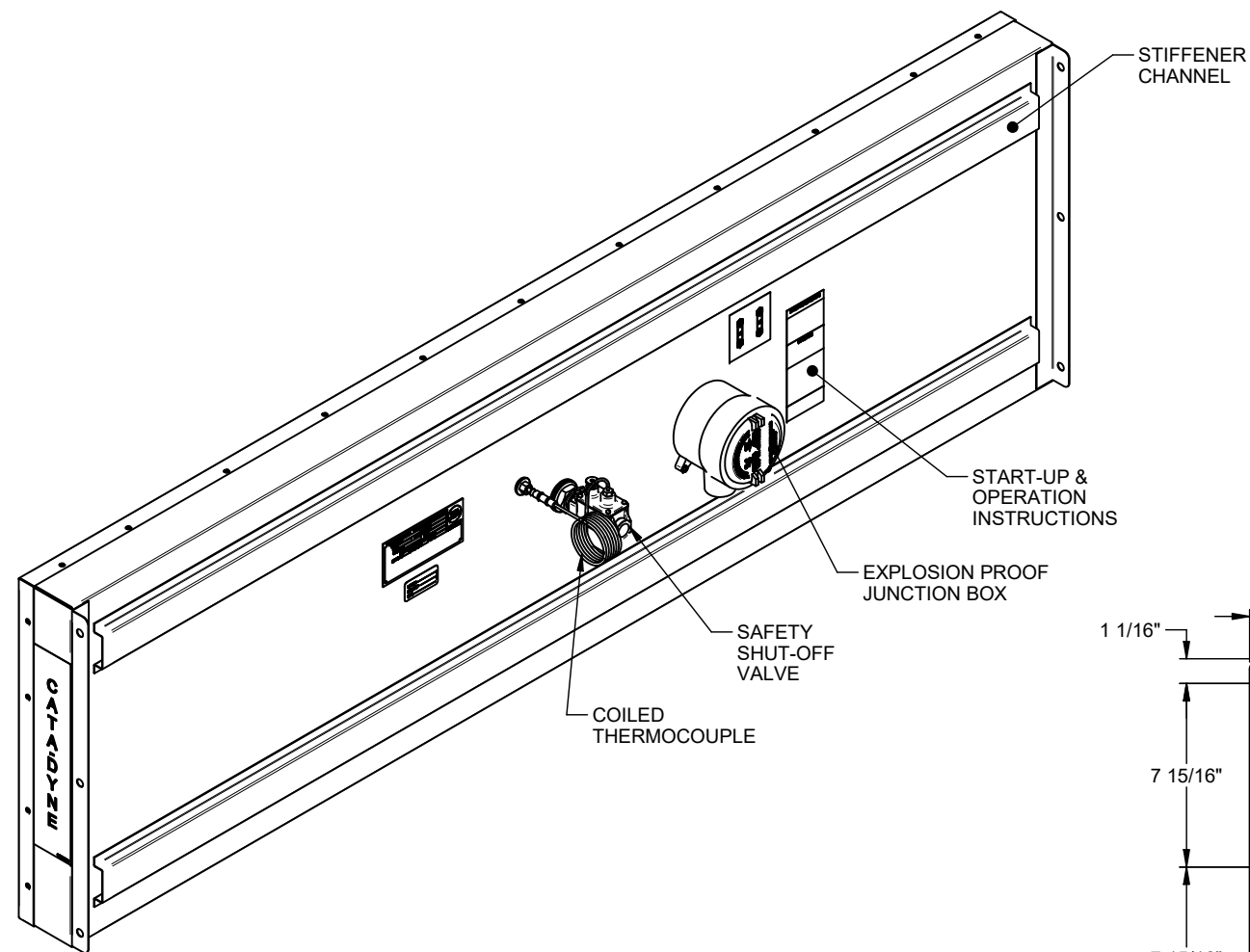
JUNCTION BOX, SAFETY SHUT-OFF VALVE & THERMOCOUPLE ARE NOT SHOWN IN THIS VIEW FOR CLARITY



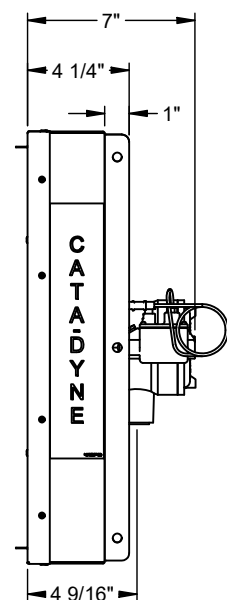
NOTES:

APPROXIMATE WEIGHT UNPACKAGED: 60 LBS

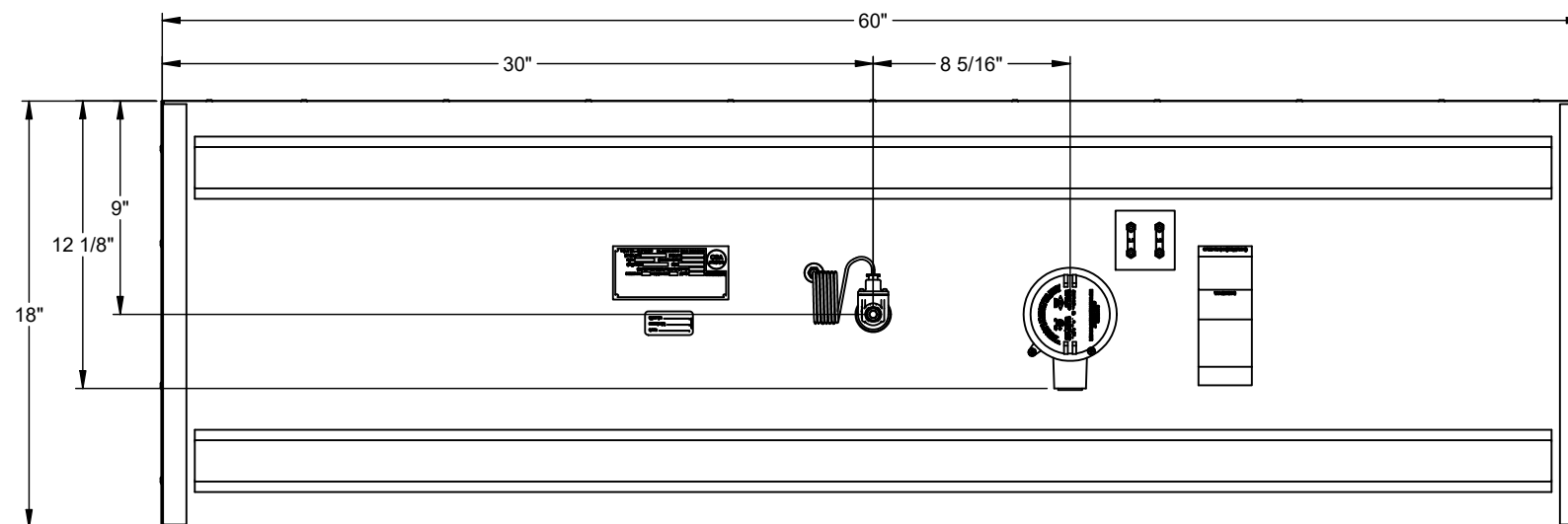
1	JUNCTION BOX CHANGED TO XJB-1	05 JUN 08	CF
REV.	REVISION DESCRIPTION	DATE	BY
TITLE: 18x48 Cata-Dyne™ Oil & Gas Heater w/ Short Side Brk.			
DWG NO.: 01-01-0021	SHEET: 1 OF 1	TOLERANCE UNLESS NOTED OTHERWISE	
SYTELINE NO.: N/A		± 1/2° ANGULAR	± 0.005" DECIMAL
SCALE: AS SHOWN		± 1/16" FRACTIONAL	± mm METRIC
DRN BY: D. AMYOTTE	27 May 2004		
CHK'D BY: NJS			
APP'D. BY: MAN			



JUNCTION BOX, SAFETY SHUT-OFF VALVE & THERMOCOUPLE ARE NOT SHOWN IN THIS VIEW FOR CLARITY



SIDE
1:8




REAR
1:8

NOTES:

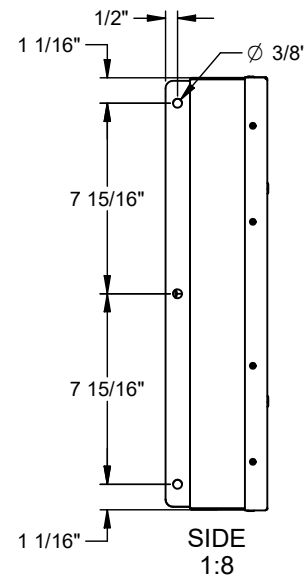
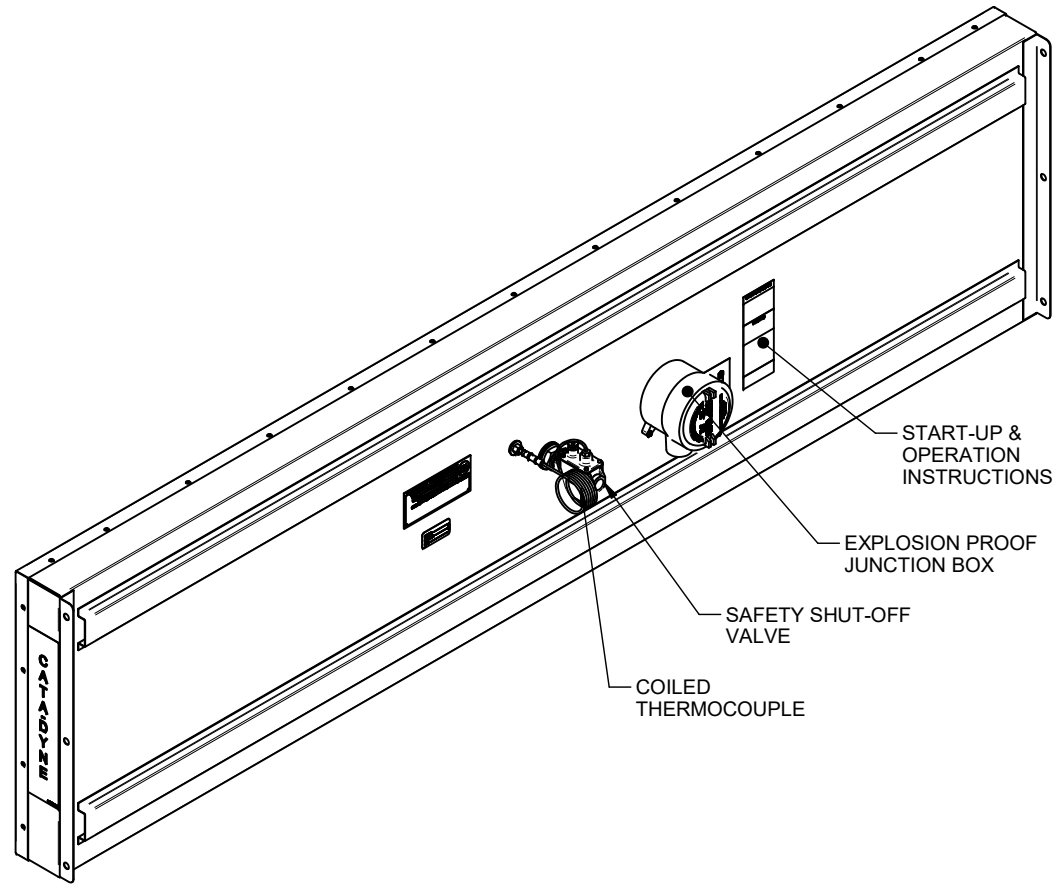
APPROXIMATE WEIGHT UNPACKAGED: 70 LBS

REV.	REVISION DESCRIPTION				DATE	BY	
TITLE: 18x60 Cata-Dyne™ Oil & Gas Heater w/ Short Side Brk.							
DWG NO.: 01-01-0022		SHEET: 1 OF 1		TOLERANCE UNLESS NOTED OTHERWISE			
SYTELINE NO.:N/A				± 1/2° ANGULAR	± 0.005" DECIMAL	± 1/16" FRACTIONAL	± mm METRIC
SCALE: AS SHOWN							
DRN BY: D. AMYOTTE		27 May 2004					
CHK'D BY: NJS							
APP'D. BY: MAN							

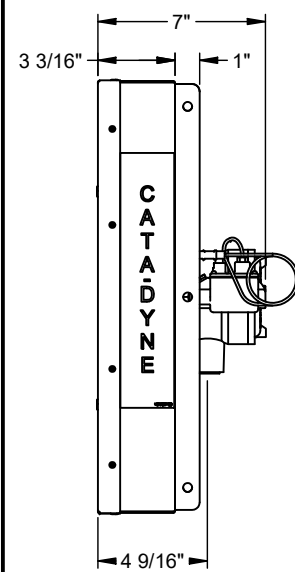
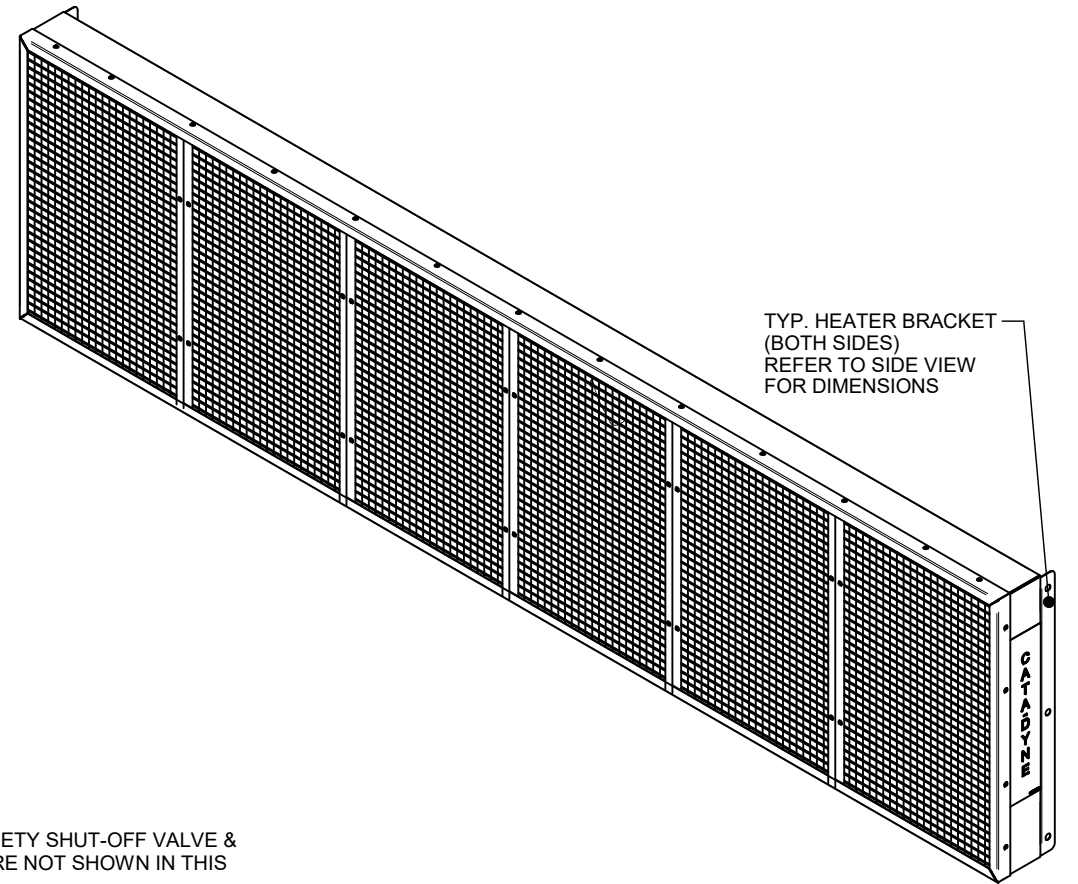


HEATING
SYSTEMS

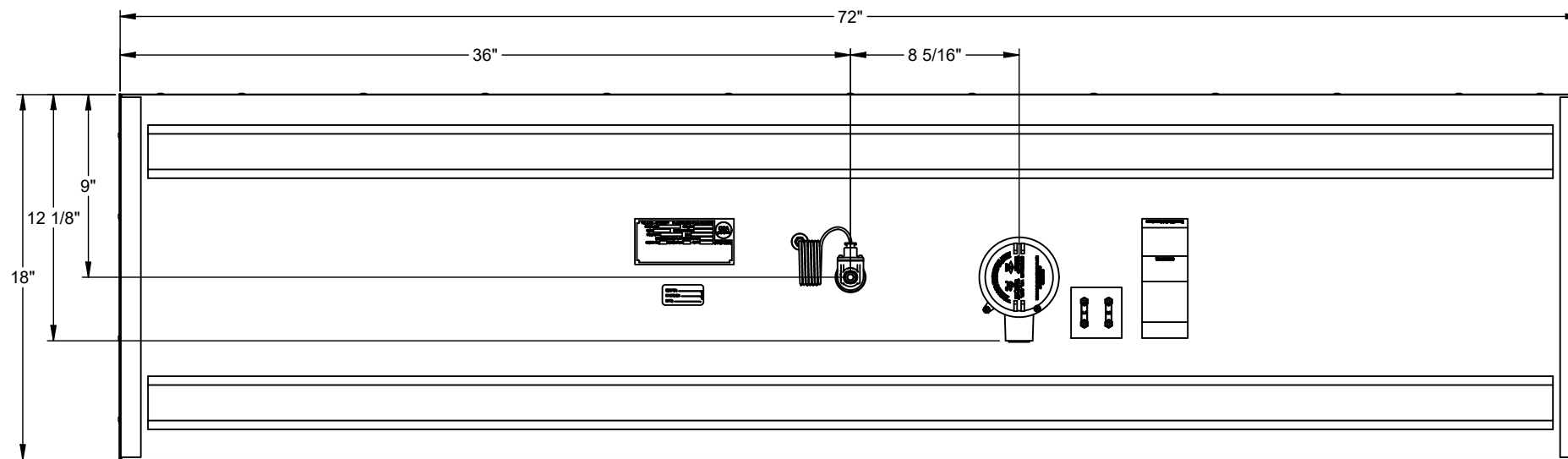




JUNCTION BOX, SAFETY SHUT-OFF VALVE & THERMOCOUPLE ARE NOT SHOWN IN THIS VIEW FOR CLARITY




SIDE
1:8

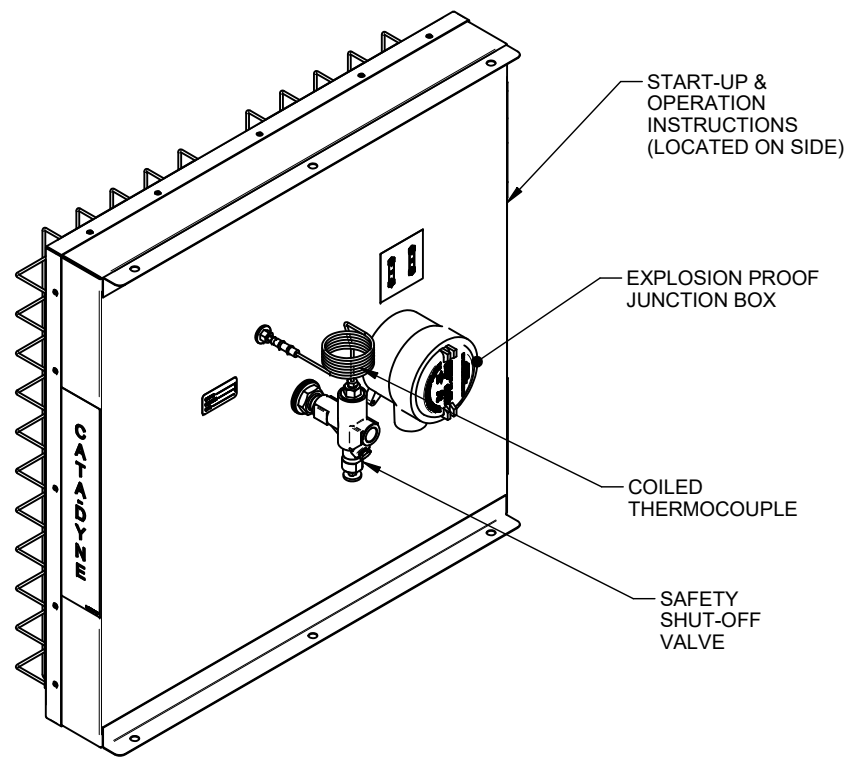


REAR
1:8

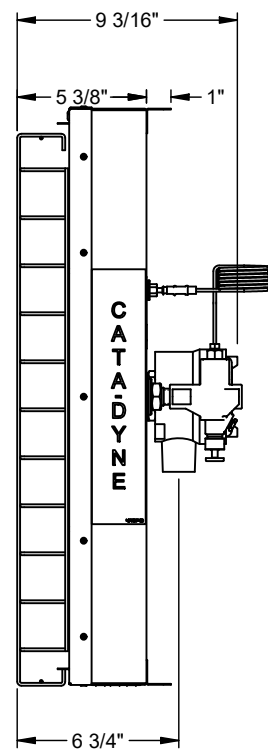
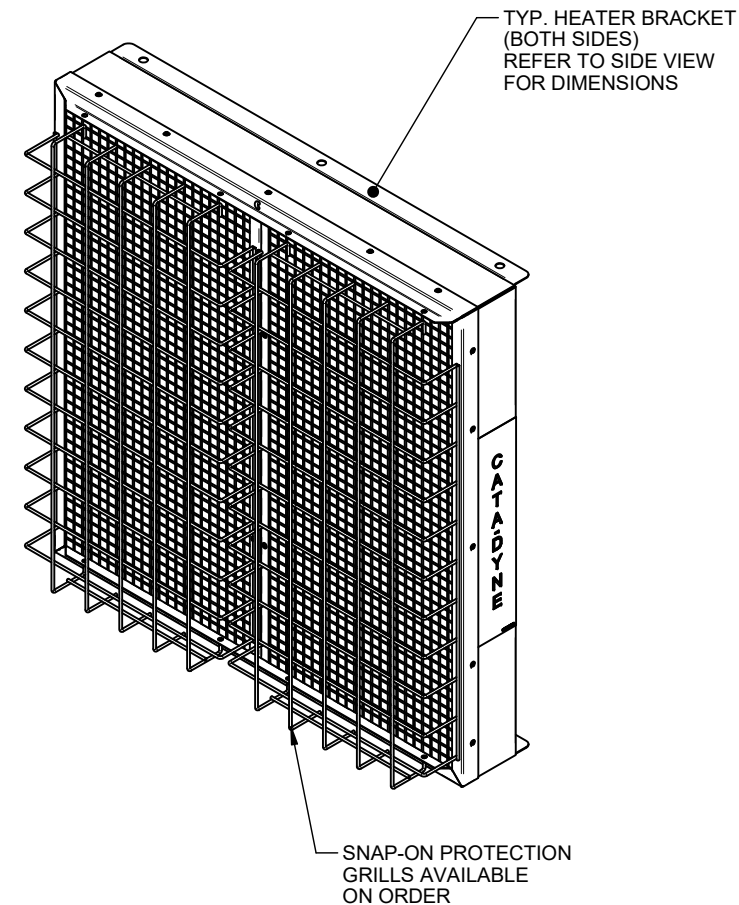
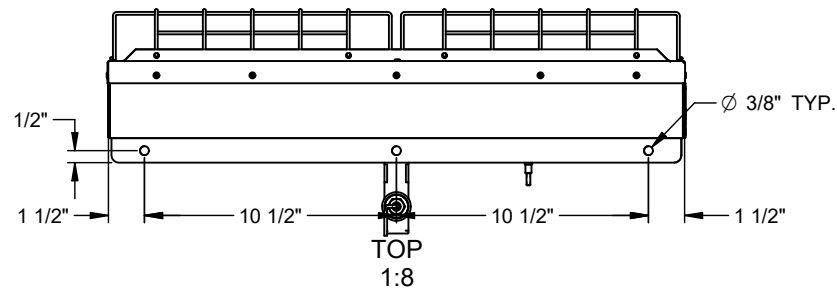
NOTES:

APPROXIMATE WEIGHT UNPACKAGED: 82 LBS

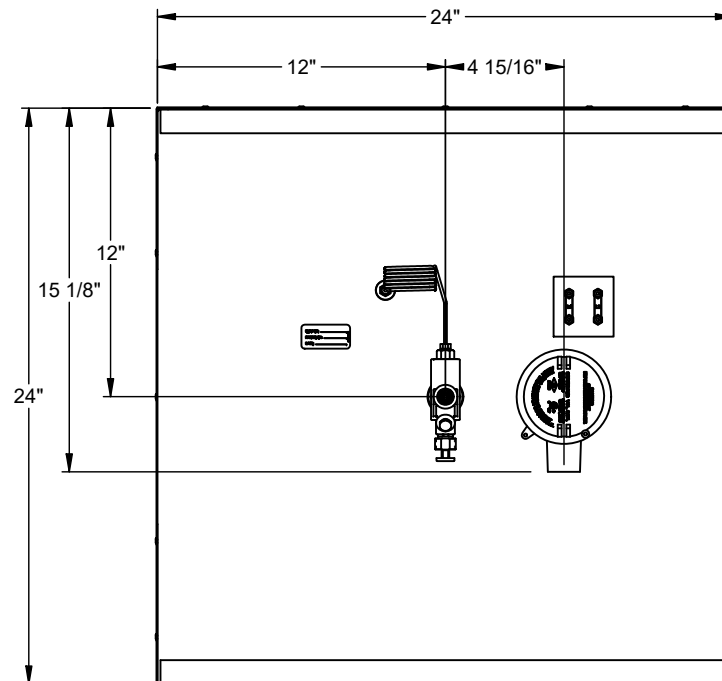
REV.	REVISION DESCRIPTION				DATE	BY	
TITLE: 18x72 Cata-Dyne™ Oil & Gas Heater w/ Short Side Brk.							
DWG NO.: 01-01-0023		SHEET: 1 OF 1		TOLERANCE UNLESS NOTED OTHERWISE			
SYTELINE NO.:N/A				± 1/2° ANGULAR	± 0.005" DECIMAL	± 1/16" FRACTIONAL	± mm METRIC
SCALE: AS SHOWN							
DRN BY: D. AMYOTTE		01 Jun 2004					
CHK'D BY: NJS							
APP'D. BY: MAN							



JUNCTION BOX, SAFETY SHUT-OFF VALVE & THERMOCOUPLE ARE NOT SHOWN IN THIS VIEW FOR CLARITY



SIDE
1:8

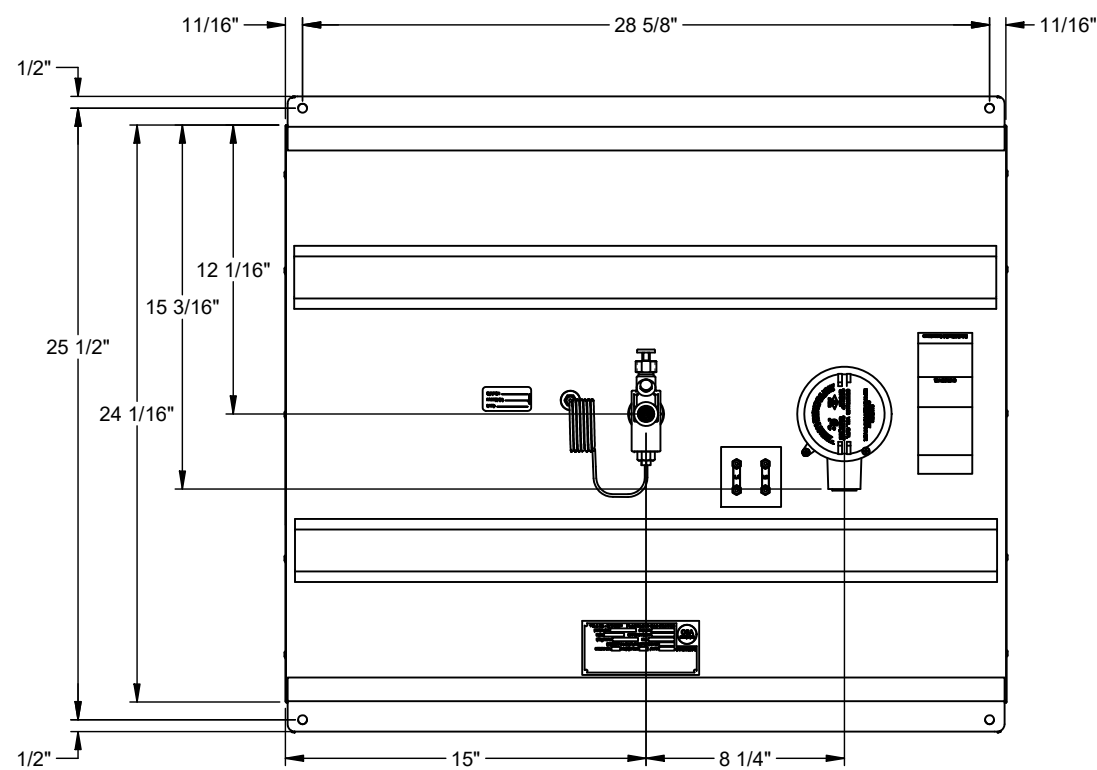
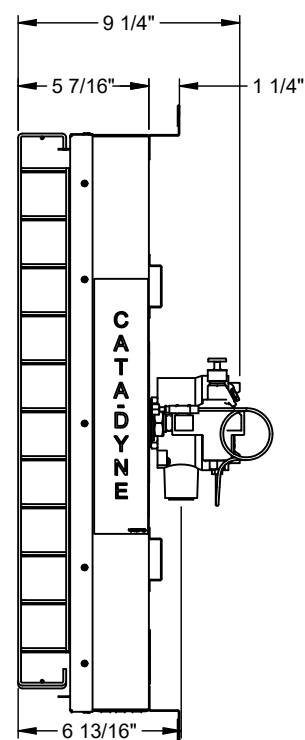
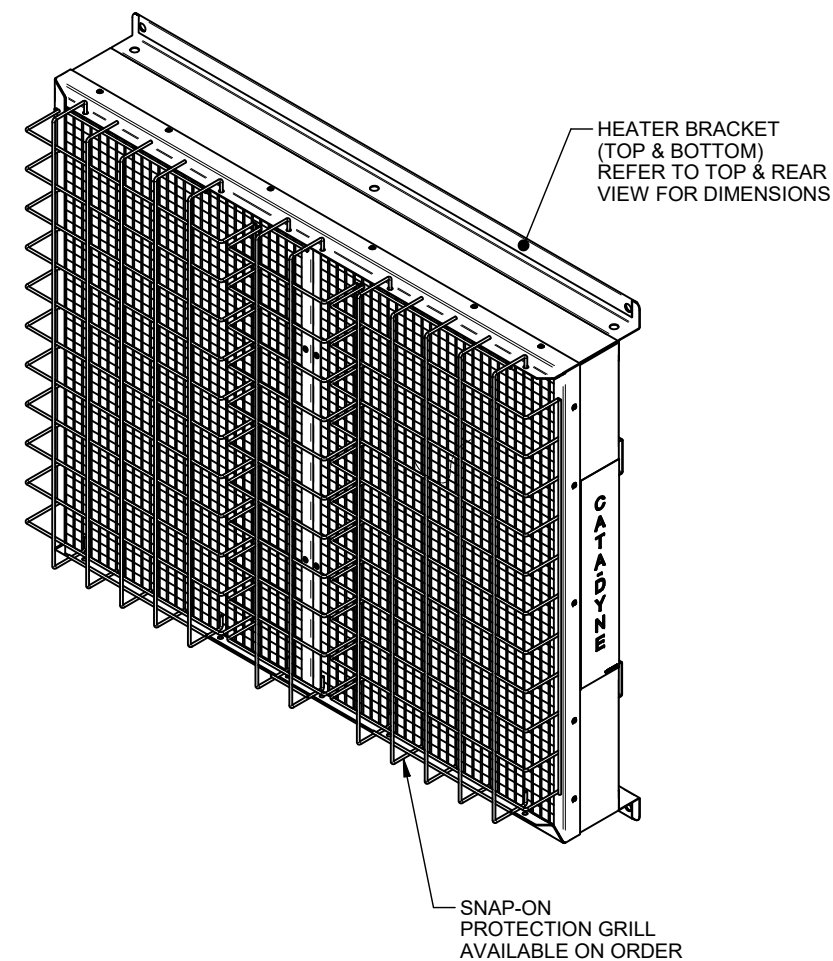
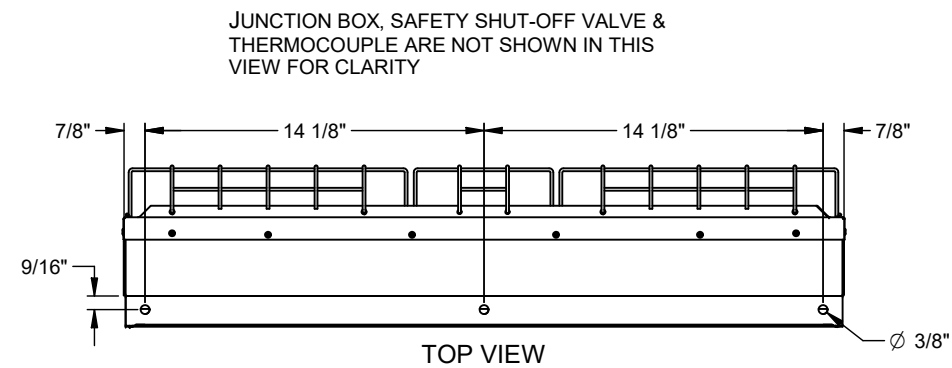
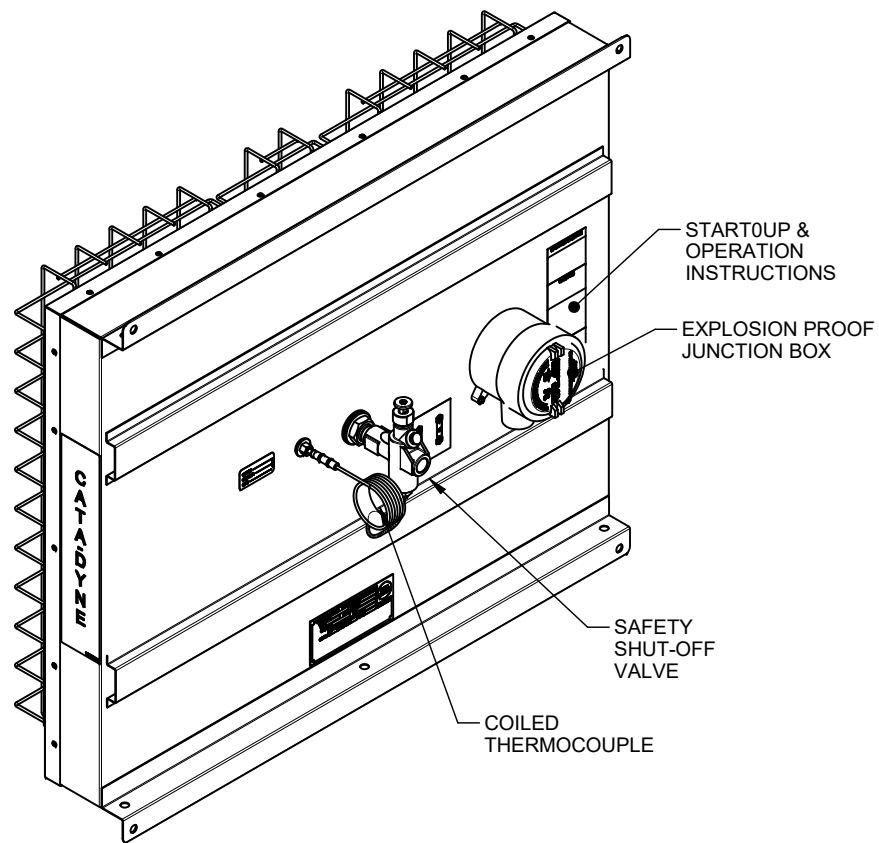


REAR
1:8

NOTES:

APPROXIMATE UNPACKAGED WEIGHT 31 LBS


<div>1</div>	JUNCTION BOX CHANGED TO XJB-1	06 JUN 08	CF
REV.	REVISION DESCRIPTION	DATE	BY
TITLE: <div>24x24 Cata-Dyne™ Oil & Gas Heater w/ Std. Brk.</div>			
DWG NO.: 01-01-0007		SHEET: 1 OF 1	
SYTeline NO.: N/A		TOLERANCE UNLESS NOTED OTHERWISE	
SCALE: AS SHOWN		± 1/2° ANGULAR	± 0.005" DECIMAL
DRN BY: damyotte		± 1/16" FRACTIONAL	± mm METRIC
CHK'D BY: NJS		<div><div><div></div><div>THERMON</div></div><div>HEATING SYSTEMS</div></div>	
APP'D. BY: MAN			



NOTES:

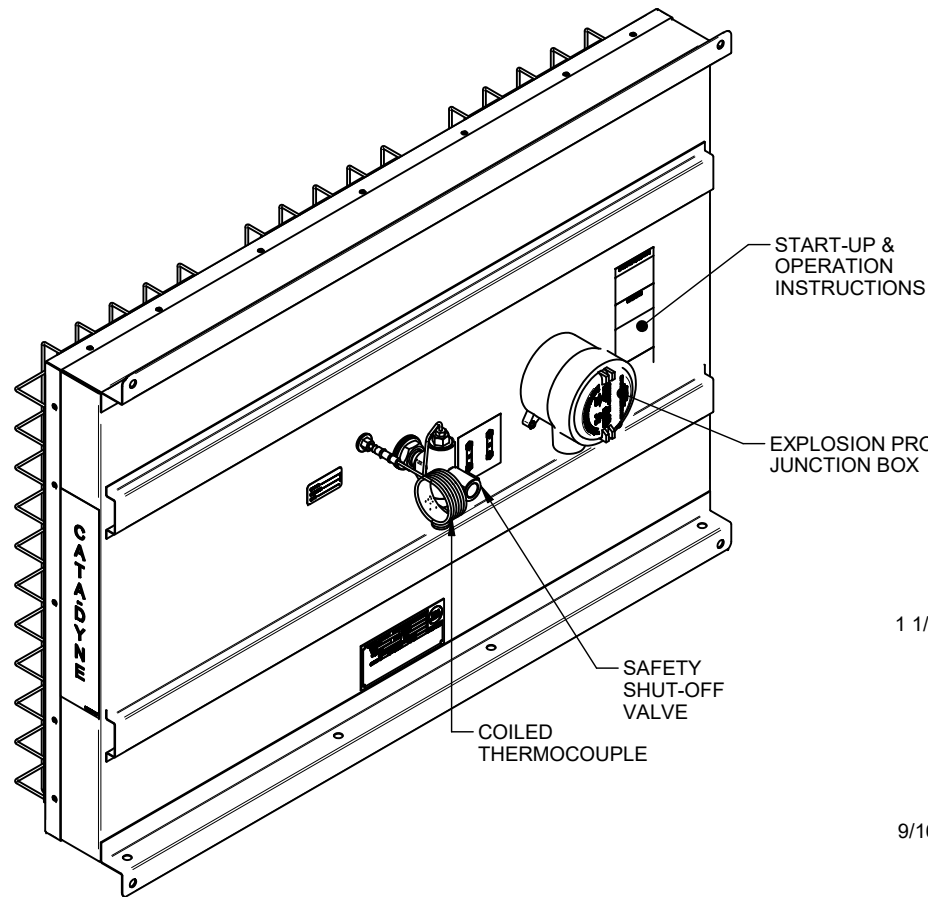
APPROXIMATE WEIGHT UNPACKAGED: 47 LBS

REV.	REVISION DESCRIPTION				DATE	BY
TITLE: 24x30 Cata-Dyne™ Oil & Gas Heater w/ "Z" Brk. DIMENSIONAL DRAWING						
DWG NO.: 01-01-0024			SHEET: 1 OF 1			
SYTELINE NO.:N/A			TOLERANCE UNLESS NOTED OTHERWISE			
SCALE: AS SHOWN			± 1/2° ANGULAR	± 0.005" DECIMAL	± 1/16" FRACTIONAL	± mm METRIC
DRN BY: damyotte		02 Jun 2004				
CHK'D BY: NJS						
APP'D. BY: MAN						

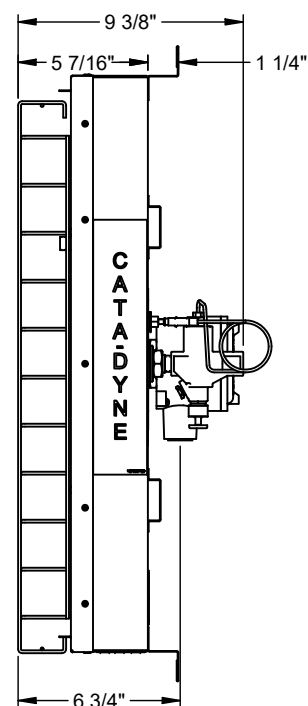
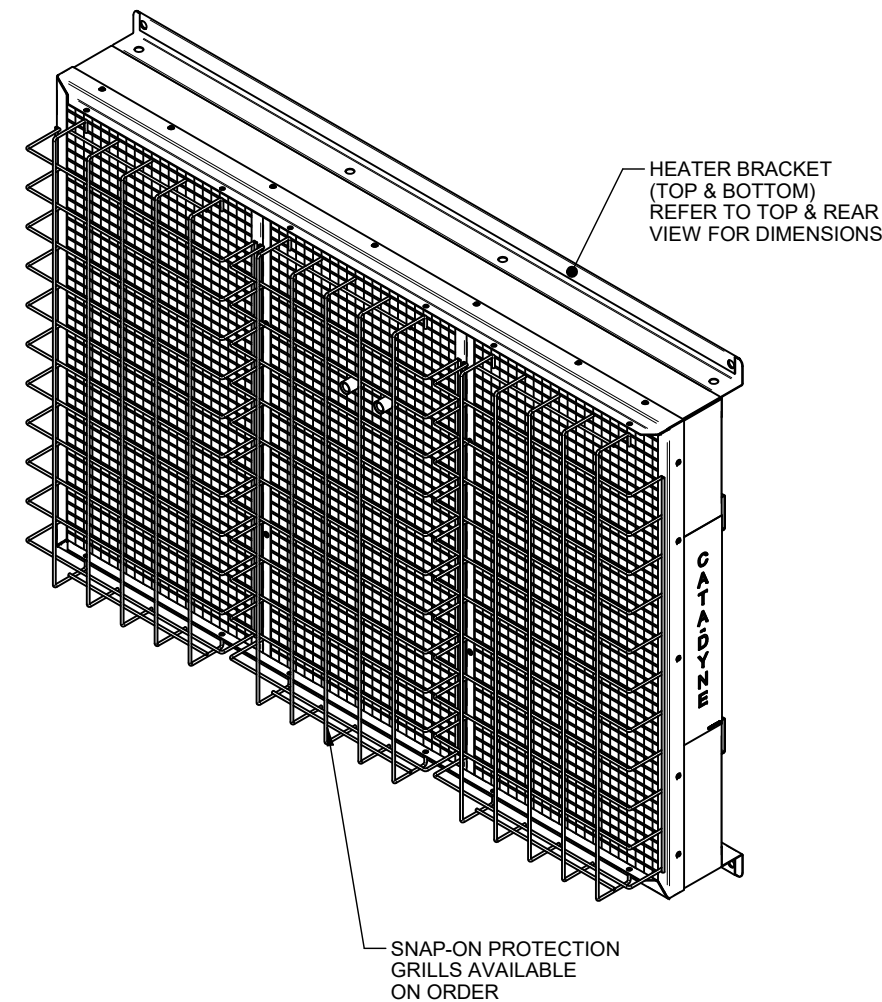
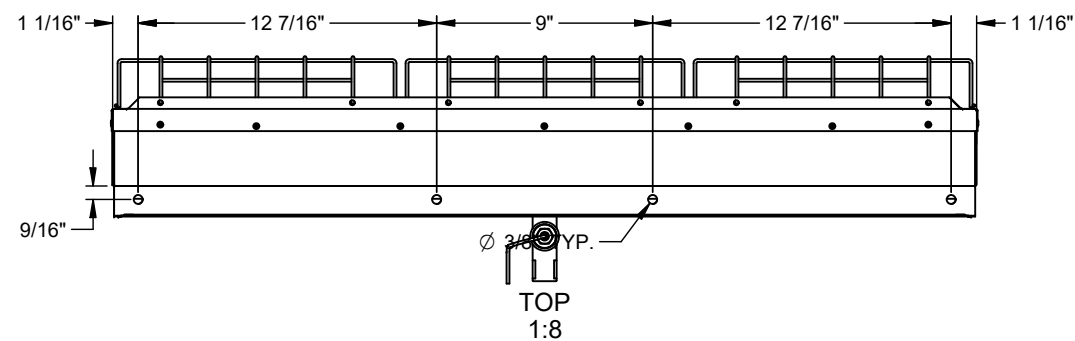


HEATING
SYSTEMS

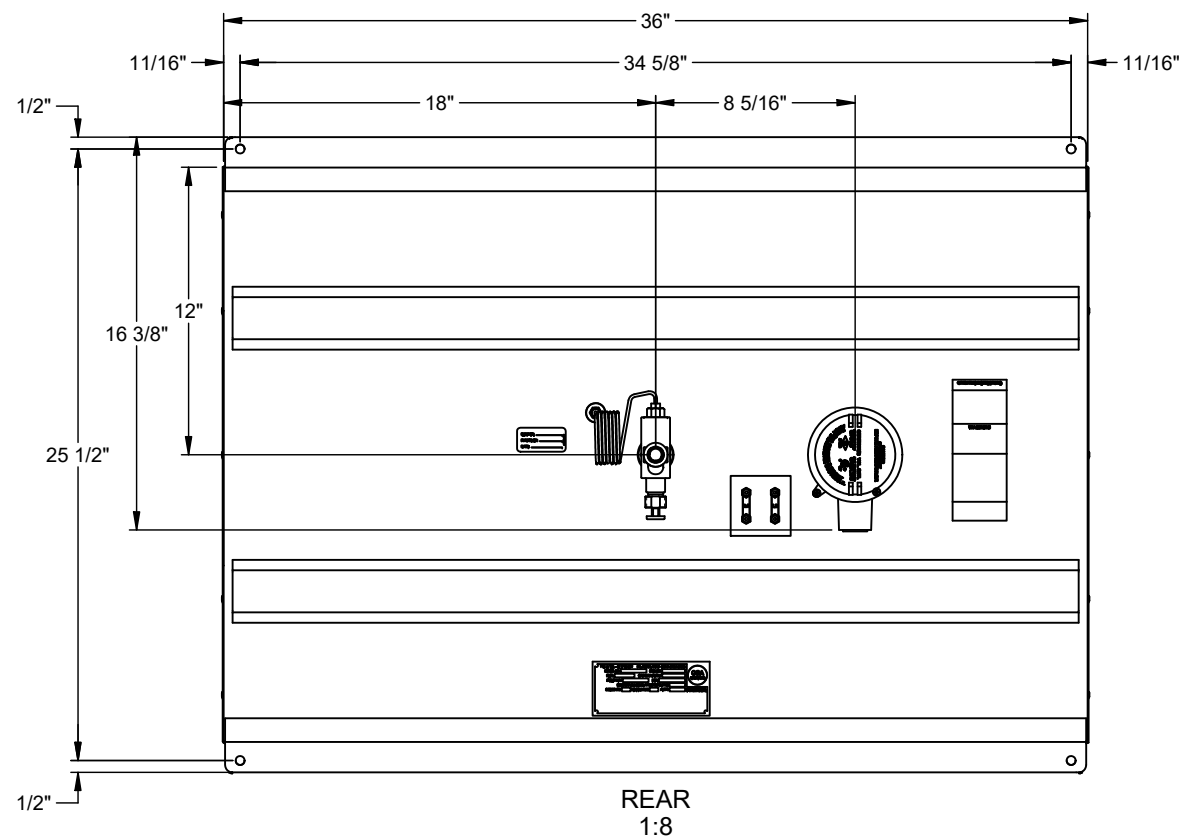




JUNCTION BOX, SAFETY SHUT-OFF VALVE & THERMOCOUPLE ARE NOT SHOWN IN THIS VIEW FOR CLARITY




SIDE
1:8



NOTES:

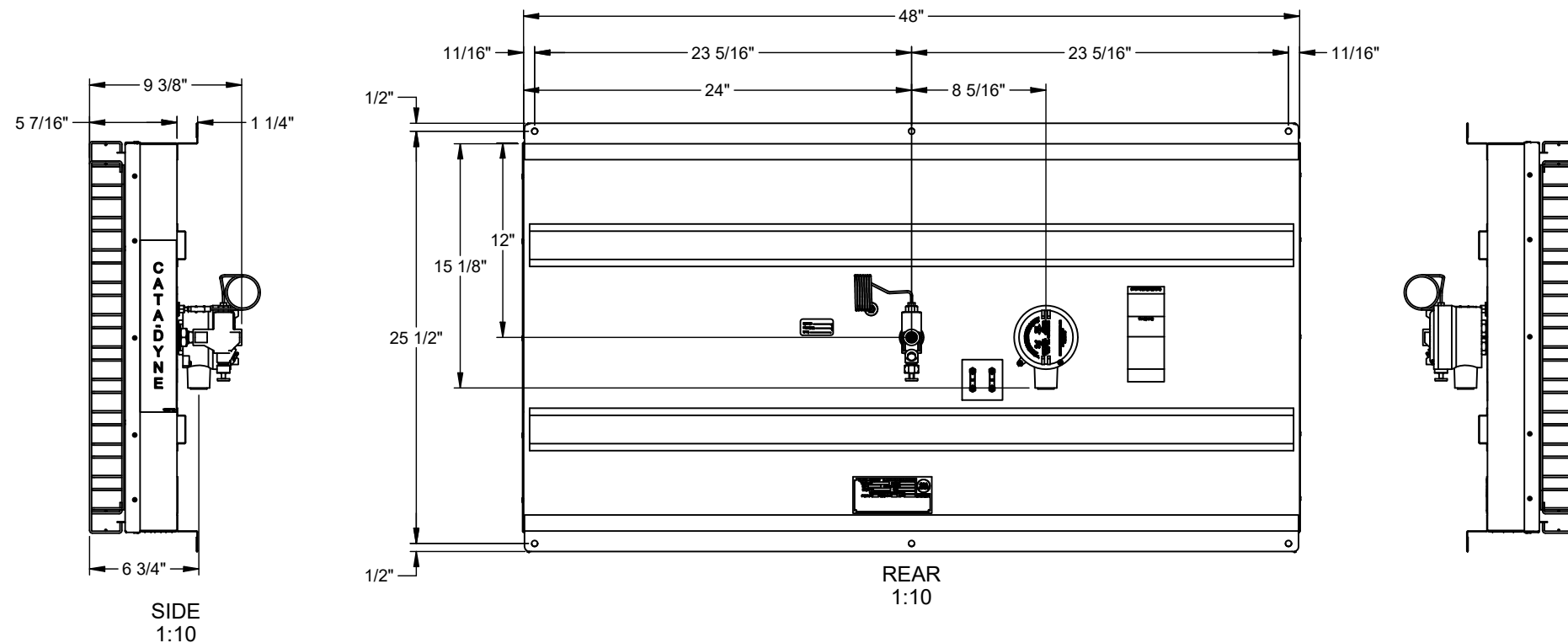
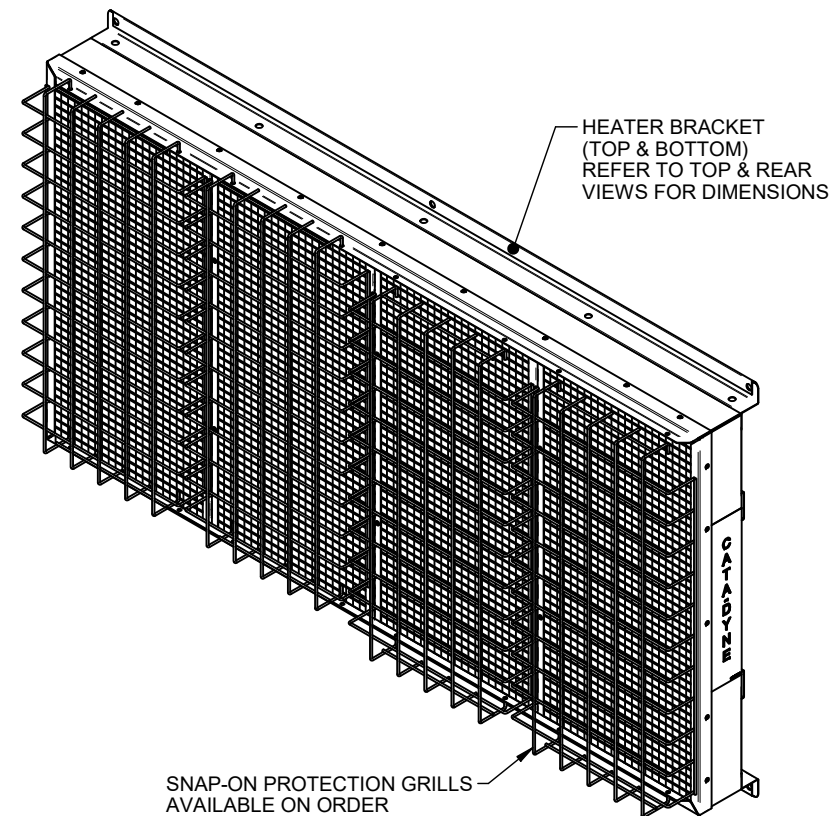
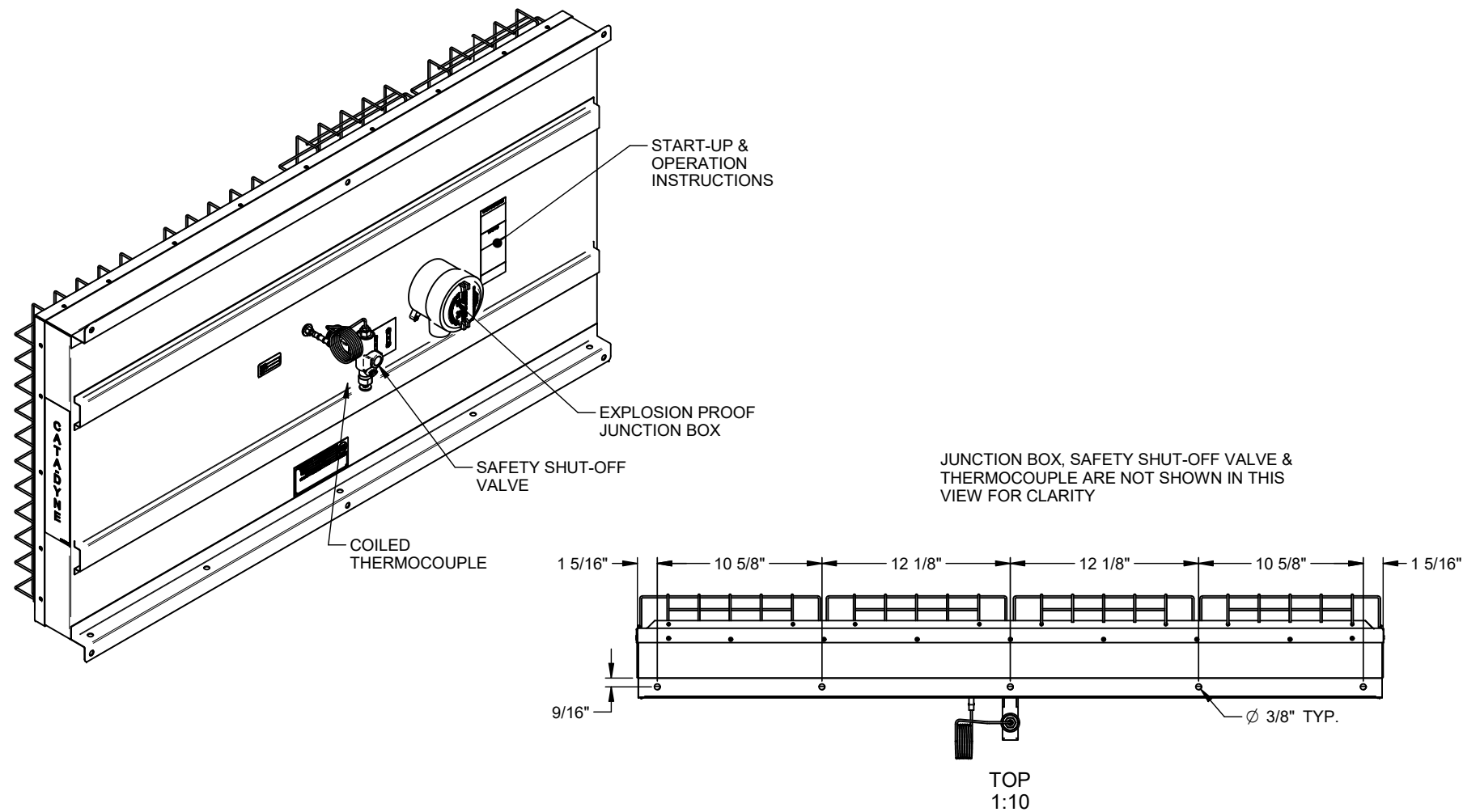
APPROXIMATE WEIGHT UNPACKAGED: 51 LBS

REV.	REVISION DESCRIPTION				DATE	BY	
TITLE: 24x36 Cata-Dyne™ Oil & Gas Heater w/ "Z" Brk.							
DWG NO.: 01-01-0025		SHEET: 1 OF 1		TOLERANCE UNLESS NOTED OTHERWISE			
SYTeline NO.: N/A				± 1/2° ANGULAR	± 0.005" DECIMAL	± 1/16" FRACTIONAL	± mm METRIC
SCALE: AS SHOWN							
DRN BY: D. AMYOTTE		02 Jun 2004					
CHK'D BY: NJS							
APP'D. BY: MAN							




HEATING
SYSTEMS

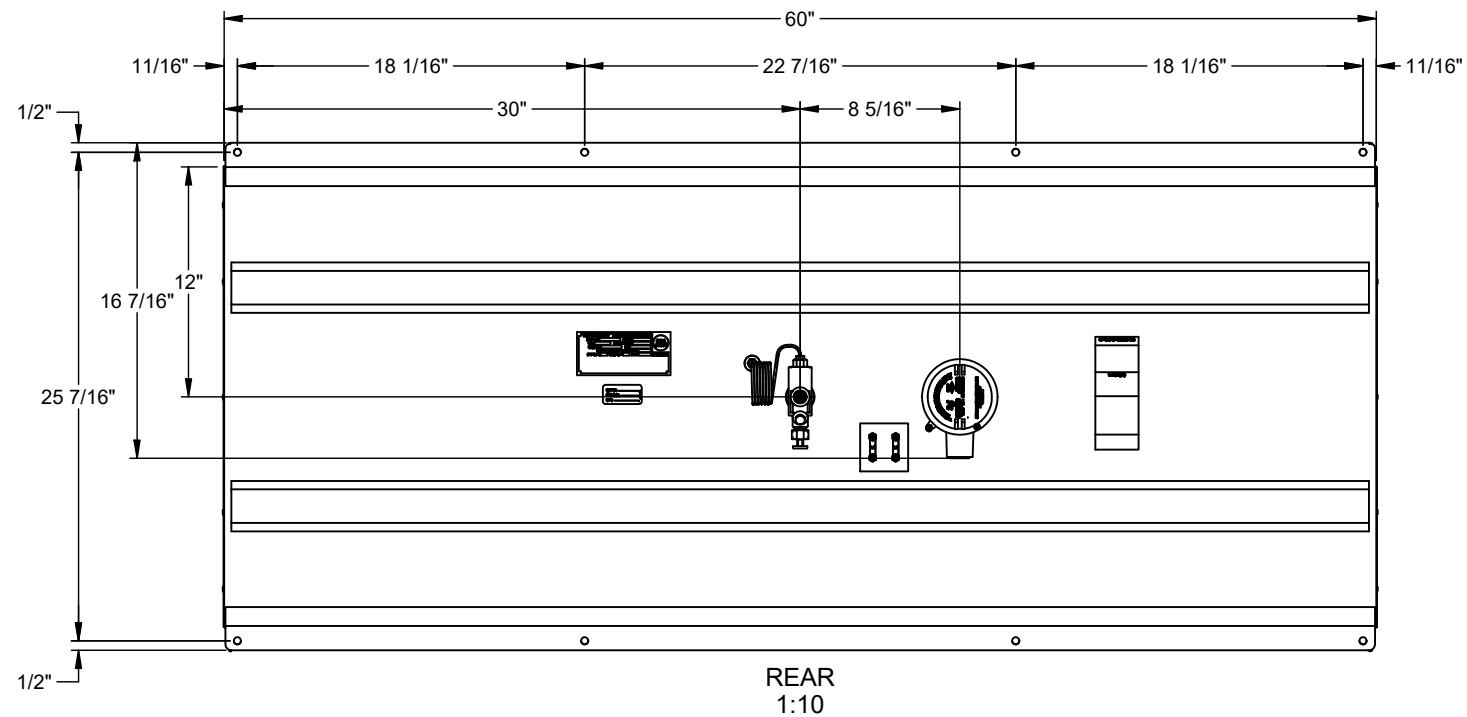
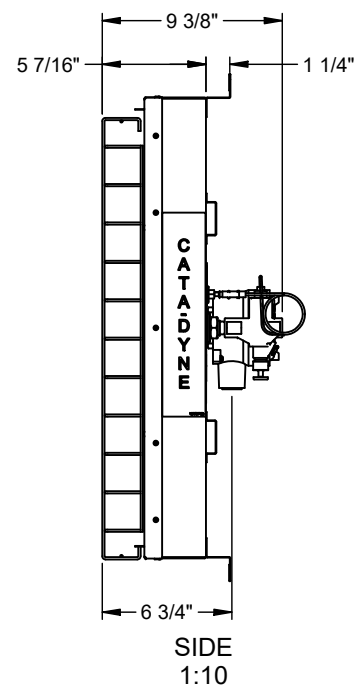
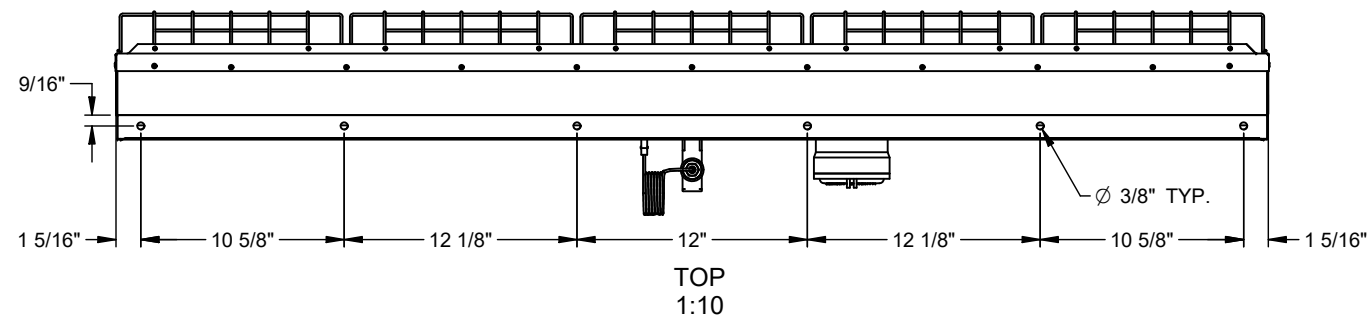
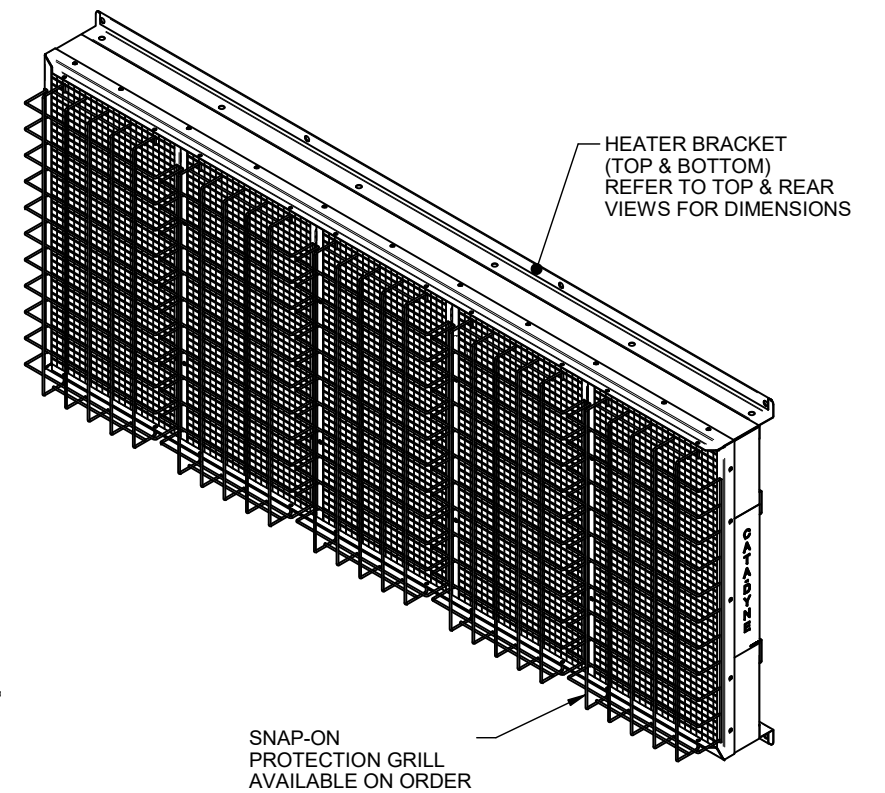
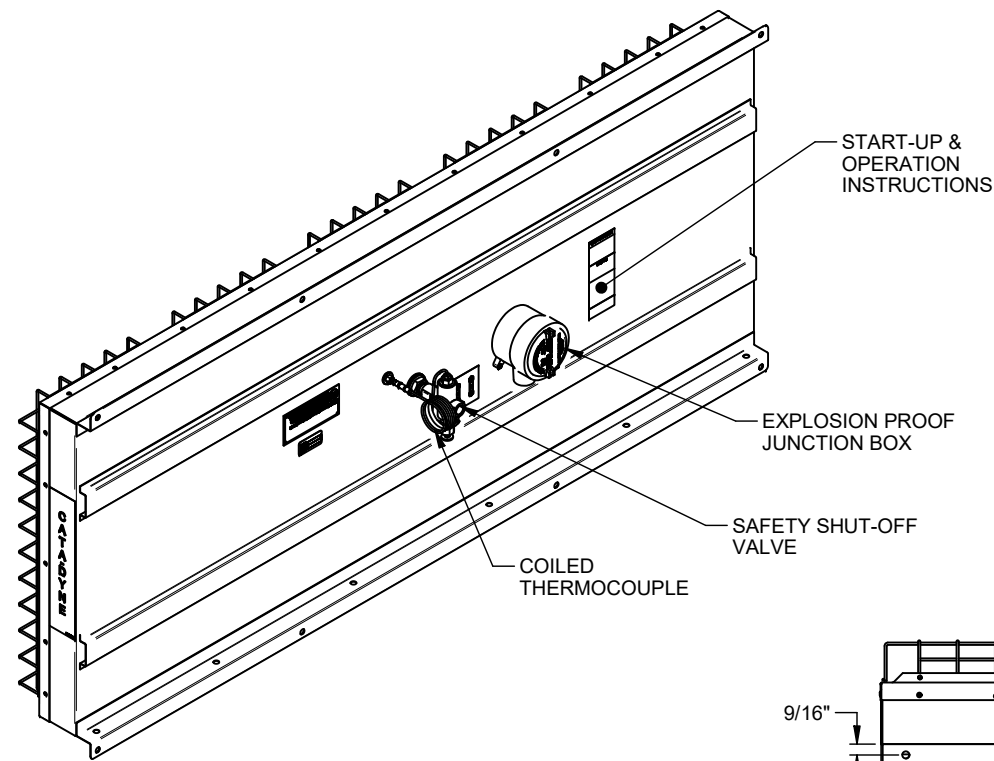




NOTES:
APPROXIMATE WEIGHT UNPACKAGED: 70 LBS

REV.	REVISION DESCRIPTION			DATE	BY
TITLE: 24x48 Cata-Dyne™ Oil & Gas Heater w/ "Z" Brk.					
DWG NO.: 01-01-0026		SHEET: 1 OF 1		TOLERANCE UNLESS NOTED OTHERWISE	
SYTLINE NO.:N/A		± 1/2° ANGULAR	± 0.005" DECIMAL	± 1/16" FRACTIONAL	± mm METRIC
SCALE: AS SHOWN					
DRN BY: D. AMYOTTE					
CHK'D BY: NJS					
APP'D. BY: MAN					
		03 Jun 2004			

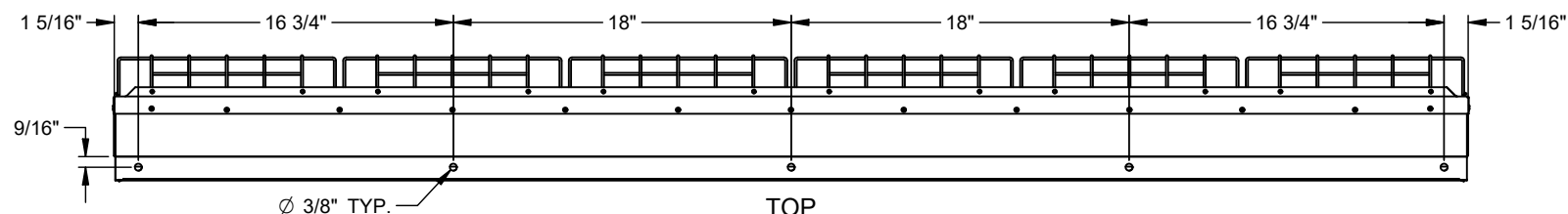
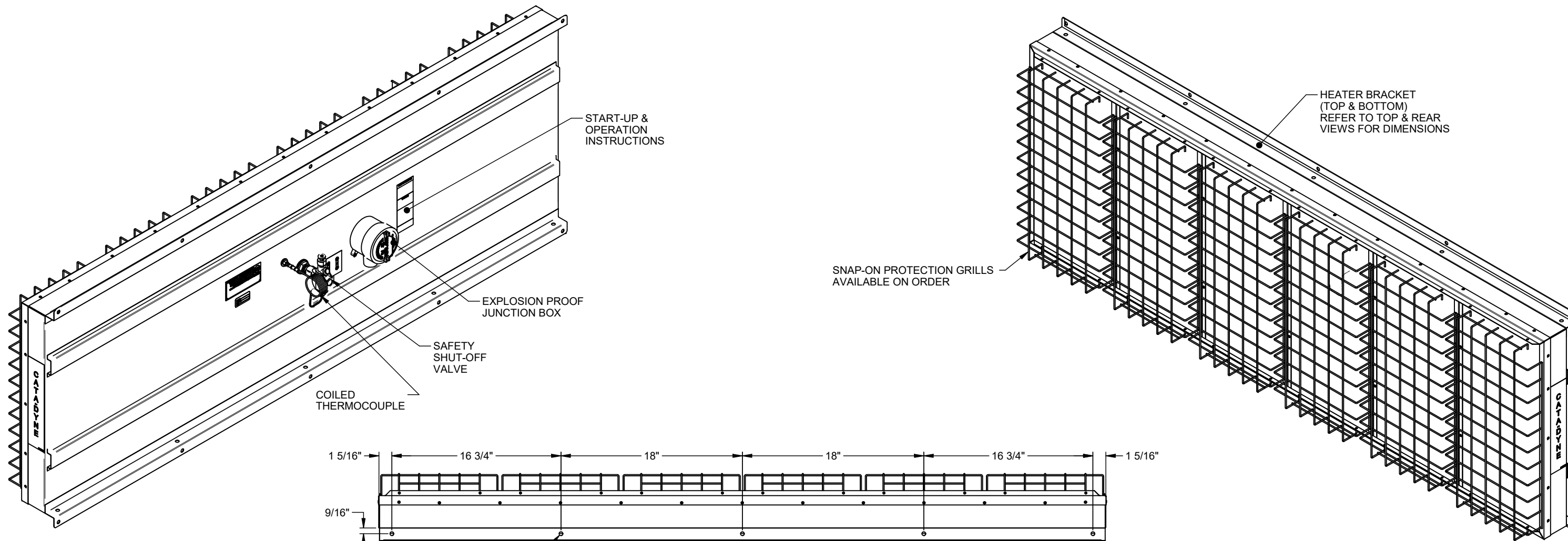




NOTES:

APPROXIMATE WEIGHT UNPACKAGED: 80 LBS

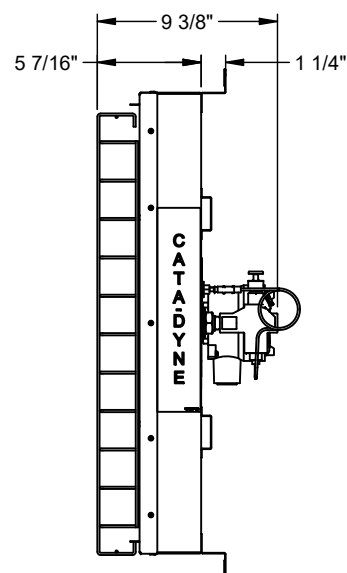
REV.	REVISION DESCRIPTION	DATE	BY
TITLE: 24x60 Cata-Dyne™ Oil & Gas Heater w/ "Z" Brk.			
DWG NO.: 01-01-0027	SHEET: 1 OF 1	TOLERANCE UNLESS NOTED OTHERWISE	
SYTLINE NO.: N/A		± 1/2° ANGULAR	± 0.005" DECIMAL
SCALE: AS SHOWN		± 1/16" FRACTIONAL	± mm METRIC
DRN BY: D. AMYOTTE	03 Jun 2004		
CHK'D BY: NJS			
APP'D. BY: MAN			



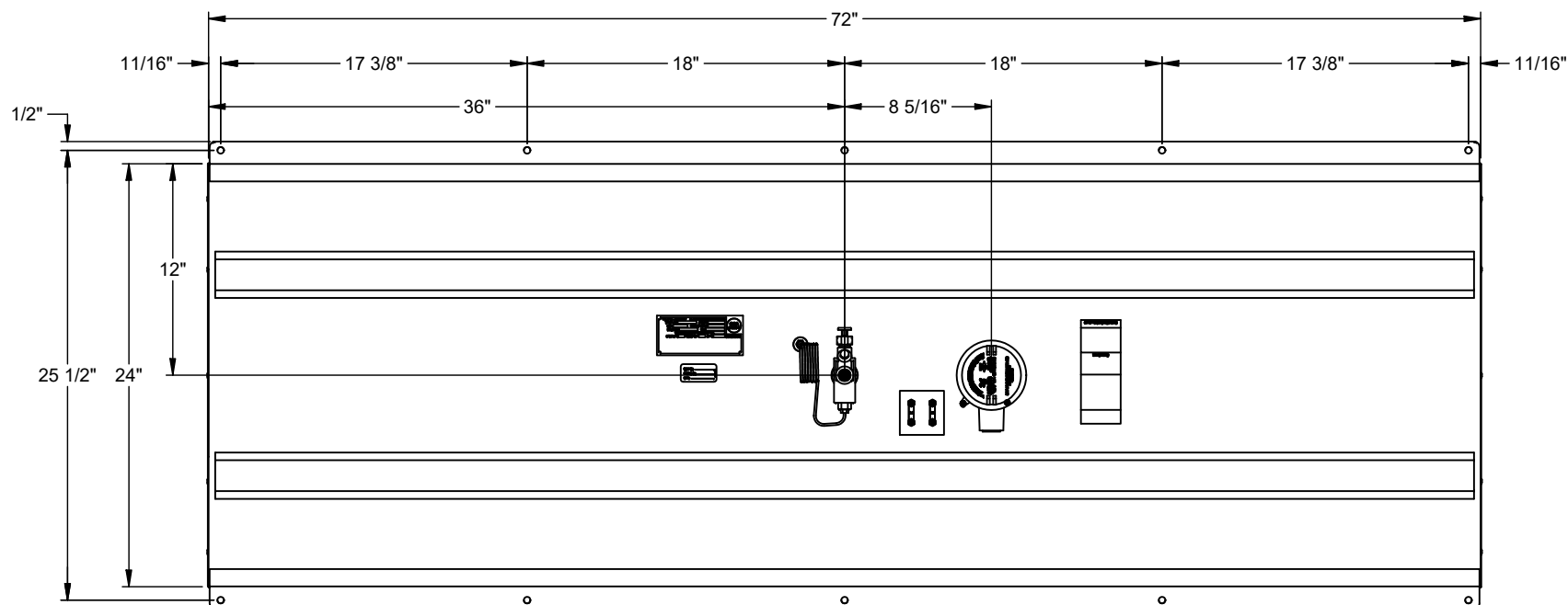
TOP
1:10

NOTE:

JUNCTION BOX, SAFETY SHUT-OFF VALVE & THERMOCOUPLE ARE NOT SHOWN IN THIS VIEW FOR CLARITY




SIDE
1:10



REAR
1:10

NOTES:

- 1) OPTIONAL PROTECTION GRILLS SHOWN.
- 2) PACKAGED WEIGHT: 94.5 LBS
- 3) ALL DIMENSIONS IN INCHES, UNLESS OTHERWISE SPECIFIED.

REV.	REVISION DESCRIPTION	DATE	BY
TITLE: 24x72 CATA-DYNE O & G HEATER w/ Z BRK.			
DWG NO.: 01-01-0028	SHEET: 1 OF 1	TOLERANCE UNLESS NOTED OTHERWISE	
SYTLINE NO.: N/A		± 1/2° ANGULAR	± 0.005" DECIMAL
SCALE: AS SHOWN		± 1/16" FRACTIONAL	± mm METRIC
DRN BY: D. AMYOTTE	07 Jun 2004		
CHK'D BY: NJS			
APP'D. BY: MAN			