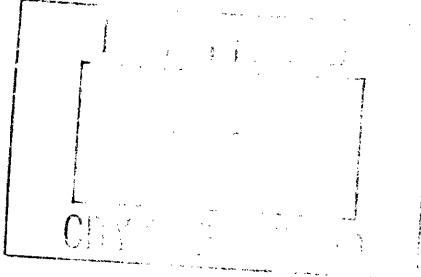


City of Portland, Maine - Building or Use Permit Application
 389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 09-0882	Issue Date: 8/24/09	CBL: 380A B005001
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Location of Construction: 85 Summit Park Ave	Owner Name: Safe Housing Associates Llc	Owner Address: 15-b Danielle Dr	Phone:
Business Name:	Contractor Name: Dean Hanscom Heating	Contractor Address: 5 Sunset Drive Gray	Phone: 2076574228
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: R-3

Past Use: Single Family	Proposed Use: Single Family / Install Flant Fin direct vent oil tank in the basement.	Permit Fee: \$70.00	Cost of Work: \$4,600.00	CEO District: 5
Proposed Project Description: Install Flant Fin direct vent oil tank in the basement.		FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: R-3 Type: JB IMC-2003 Signature: <i>CLM</i>	
		PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.) Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Signature: _____ Date: _____		

Permit Taken By: gg	Date Applied For: 08/17/2009	Zoning Approval		
1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules. 2. Building permits do not include plumbing, septic or electrical work. 3. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..		Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Date: 8/17/09	Zoning Appeal <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied Date:	Historic Preservation <input checked="" type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date:
				

CERTIFICATION

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE

City of Portland, Maine - Building or Use Permit
 389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 09-0882	Date Applied For: 08/17/2009	CBL: 380A B005001
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Location of Construction: 85 Summit Park Ave	Owner Name: Safe Housing Associates Llc	Owner Address: 15-b Danielle Dr	Phone:
Business Name:	Contractor Name: Dean Hanscom Heating	Contractor Address: 5 Sunset Drive Gray	Phone (207) 657-4228
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	

Proposed Use: Single Family / Install Flant Fin direct vent oil tank in the basement.	Proposed Project Description: Install Flant Fin direct vent oil tank in the basement.
---	---

Dept: Zoning	Status: Approved	Reviewer: Marge Schmuckal	Approval Date: 08/17/2009
Note:			Ok to Issue: <input checked="" type="checkbox"/>
1) This property shall remain a single family dwelling. Any change of use shall require a separate permit application for review and approval.			
Dept: Building	Status: Approved with Conditions	Reviewer: Chris Hanson	Approval Date: 08/24/2009
Note:			Ok to Issue: <input checked="" type="checkbox"/>
1) Maintain proper setback(s) from property lines/buildings and proper clearances from verticle openings when direct venting.			
2) The appliance and venting shall be installed in accordance with the UL listing, IMC 2003 and NFPA 211.			
3) Installation shall comply with 2003 International Mechanical Code and State of Maine Oil and Solid Fuel Board Laws and Rules			



BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or 874-8693 (ONLY)

to schedule your inspections as agreed upon

Permits expire in 6 months, if the project is not started or ceases for 6 months.

The Owner or their designee is required to notify the inspections office for the following inspections and provide adequate notice. Notice must be called in 48-72 hours in advance in order to schedule an inspection:

By initializing at each inspection time, you are agreeing that you understand the inspection procedure and additional fees from a "Stop Work Order" and "Stop Work Order Release" will be incurred if the procedure is not followed as stated below.

A Pre-construction Meeting will take place upon receipt of your building permit.

 X **Final inspection required at completion of work.**

Certificate of Occupancy is not required for certain projects. Your inspector can advise you if your project requires a Certificate of Occupancy. All projects DO require a final inspection.

If any of the inspections do not occur, the project cannot go on to the next phase, REGARDLESS OF THE NOTICE OR CIRCUMSTANCES.

CERIFICATE OF OCCUPANICES MUST BE ISSUED AND PAID FOR, BEFORE THE SPACE MAY BE OCCUPIED.

Signature of Applicant/Designee

Date

Signature of Inspections Official

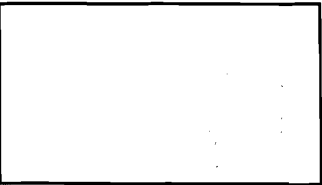
Date

Mailed



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



Please mail to Installer.

380A B 005

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

The undersigned hereby applies for a permit to install the following heating, cooking or power equipment in accordance with the Laws of Maine, the Building Code of the City of Portland, and the following specifications:

Location / CBL 85 Summitt ^{Park Ave} Terrace Use of Building Home Date 3/17/09
Name and address of owner of appliance RAS Construction

Installer's name and address Dean Hanson Heating
5 sunset view Coray, ME 04039 Telephone 657-4228

Location of appliance:

- Basement
- Attic
- Floor
- Roof

Type of Fuel:

- Gas
- Oil
- Solid

Appliance Name: Slant Fin

U.L. Approved Yes No

Will appliance be installed in accordance with the manufacture's installation instructions? Yes No

IF NO Explain: _____

The Type of License of Installer:

- Master Plumber # _____
- Solid Fuel # _____
- Oil # MS 30008702
- Gas # PAT 4475
- Other _____

Type of Chimney:

- Masonry Lined
- Factory built _____

- Metal
- Factory Built U.L. Listing # _____

Direct Vent
Type Fields 2 Flex UL# _____

Type of Fuel Tank

- Oil
- Gas

Size of Tank 275

Number of Tanks 1

Distance from Tank to Center of Flame 5 feet.

Cost of Work: \$ 4600.00

Permit Fee: \$ 70.00

Approved

Fire: _____

Ele.: _____

Bldg.: _____

Signature of Installer [Signature]

Approved with Conditions

- See attached letter or requirement

[Signature]
Inspector's Signature

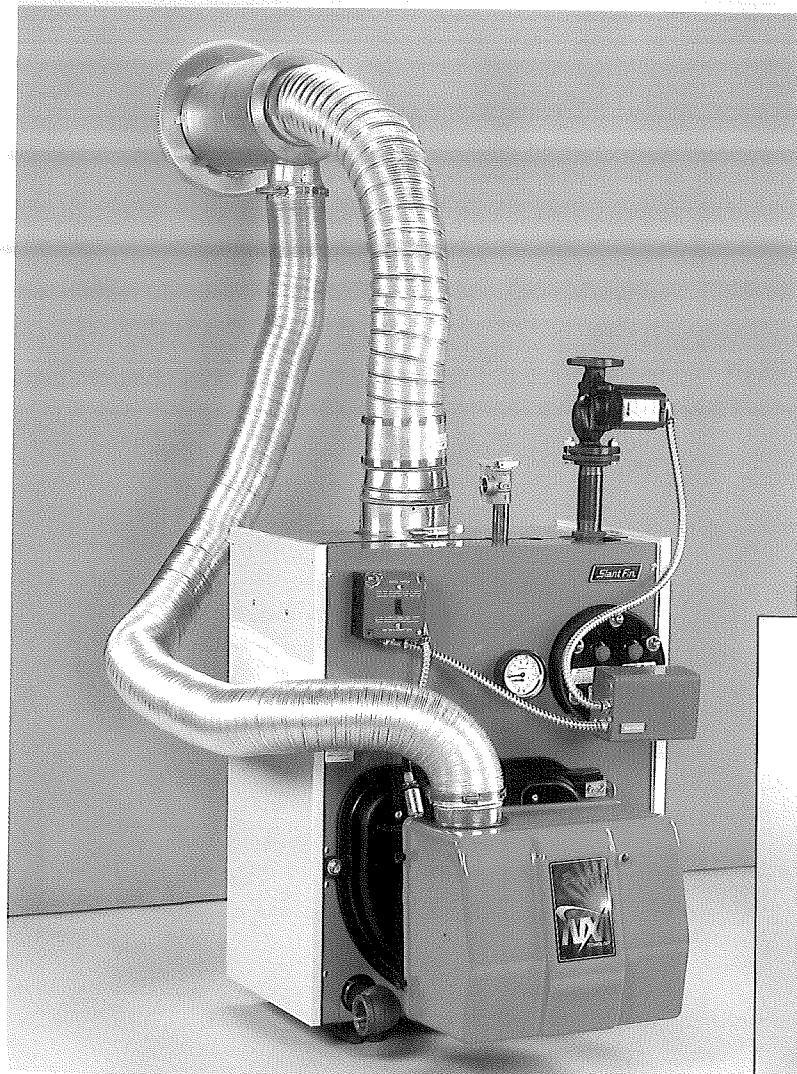
3/24/09
Date Approved

White - Inspection Yellow - File Pink - Applicant's Gold - Assessor's Copy

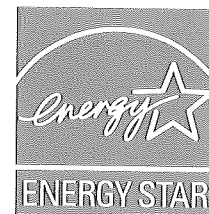
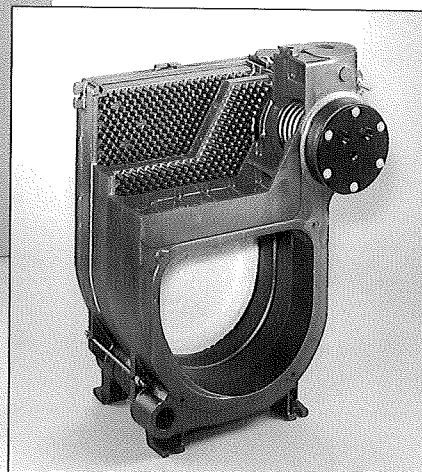
Slant/Fin

INTREPID TRDV

Direct vent, cast-iron oil boiler



- Vents direct to outdoors without a chimney
- More boiler location options using up to 20' of flexible vent pipe
- Concentric vent termination kit
- 0.85 to 1.10 GPH oil input
- AFUE to 87.2%
- Swing out burner door
- Speedy service flue collector uses a resealable gasket
- Easy access, higher output tankless heater coil available
- Refractory target wall increases combustion efficiency
- Front and rear tapings



The direct vent, Intrepid TRDV oil-fired cast iron boiler offers high-efficiency heating without a chimney. TRDV series boilers feature superb combustion with Energy Star AFUE's to 87.2%. Available in hot water models with or without a tankless heater. The computer-aided design heat exchanger is wider and lower for more even heat

transfer. The push nipple ports do not obstruct the flue passage. More BTU's per section than ordinary boilers. Features include metal push nipples, stainless steel tankless heater bolts, return tee for additional zones and brand name controls.

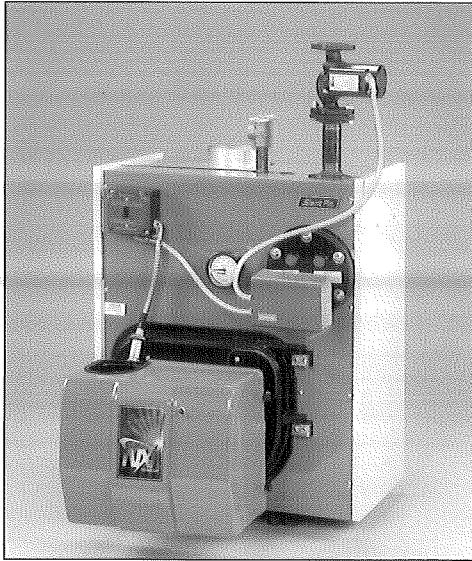
Slant/Fin®

PUBLICATION NO. TRDV-10
Printed in U.S.A. 105

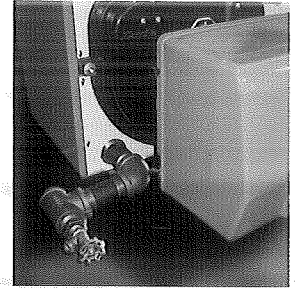
Slant/Fin.

INTREPID TRDV

Direct vent, cast-iron oil boiler



New high performance direct vent Intrepid TRDV oil boilers from Slant/Fin require no chimney. They are an ideal choice for new construction, or as an alternative to making costly repairs to poor chimneys. For reliable performance, the TRDV boiler is designed with silicone sealant or silicone coated rope at all flue passage joints. Install with TRDV concentric vent termination kit and flexible exhaust tubing. Tankless coil optional. Input rates of 0.85, 1.0, and 1.1 gph.



A return piping kit, packaged with every TRDV boiler, provides a utility tapping that is ideal for connecting an extra circulator. Includes a 3/4" reducing bushing and drain.

- Swing open burner door
- Rugged heavy-duty jacket
- Front mounted service switch
- Concentric vent terminal requires just one wall opening
- Vent exhaust tubing kits: 5, 10, 15 and 20 ft. lengths
- Uses galvanized or flexible air intake pipe (not included)
- Resealable flue collector gasket
- Burners available: Beckett NX, Riello BF 5
- Vacuum relief included
- Lifetime Limited Warranty

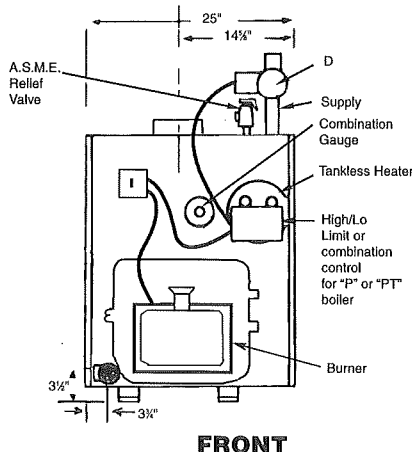
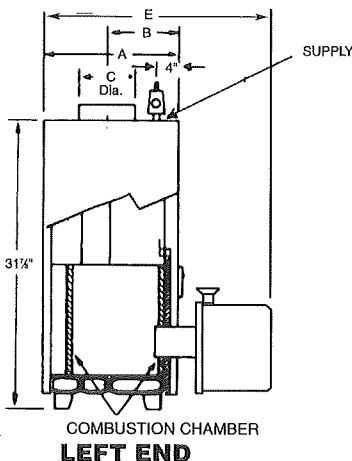


Tankless heater models utilize long-life stainless steel cap nuts on coil.

Cast-iron reliability and Energy Star efficiency make the TRDV boiler an ideal homeowner choice for years of trouble-free heating performance.

Ratings and Dimensions

Boiler Model	I.B.R. Burner Capacity Oil Input		D.O.E. Heating Capacity MBH Water	I=B-R Net Ratings MBH Water	AFUE% Water	Dimensions (inches)					
	GPH	BTUH				Boiler Length "A"	Front to Flue "B"	Flue Dia. "C"	Circulator Flange "D"	Overall Length "E"	Boiler Sect
TRDV-30-0.85	0.85	119,000	103	90	87.22	14 7/8"	10 1/8"	6"	1 1/4"	27 7/8"	3
TRDV-30-1.00	1.00	140,000	121	105	86.57	14 7/8"	10 1/8"	6"	1 1/4"	27 7/8"	3
TRDV-30-1.10	1.10	154,000	132	115	86.12	14 7/8"	10 1/8"	6"	1 1/4"	27 7/8"	3



Standard working pressure 30 psi water.
All boilers hydrostatically tested — A.S.M.E.

* For forced hot water heating systems where the boiler and all piping are located within the area to be heated, the boiler may be selected on the basis of gross D.O.E. capacity output. The net I=B-R output ratings shown are based on an allowance for piping and pickup of 1.15 (water). D.O.E. capacity gross output is divided by the allowance to obtain net rating. The manufacturer should be consulted before selecting a boiler for unusual piping and pickup requirements such as intermittent system operation, extensive piping, etc.

† Ratings apply to the use of light oil at 140,000 Btu per gallon.

** Tankless heater rating based on intermittent draw.

Slant/Fin®

SLANT/FIN CORPORATION, Greenvale, N.Y. 11548 • Phone: (516) 484-2600

FAX: (516) 484-5921 • Canada: Slant/Fin LTD/LTEE, Mississauga, Ontario

www.slantfin.com

U.L. listed
one inch
clearance to
combustibles

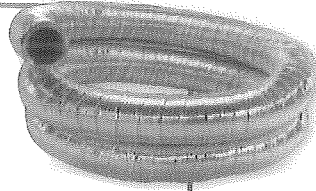
Double Wall Flexible Oil Vent Connector

Additional Length of Double Wall Oil Vent Pipe

Dia.	List Price/ft
3"	\$37.06
4"	\$40.21
5"	\$42.22
6"	\$43.80
7"	\$45.37
8"	\$48.40

Order No: 20IIVNT ———
(dia) (lgth)

Available in lengths to 18ft. To be used with listed double wall oil vent connectors only



Oil Vent is a double wall flexible insulated vent connector designed to make insulated connections between appliance and common vent, such as L-Vent, masonry chimney, or Z-Flex chimney liner products easy and economical.

**No drilling or screwing required.
Eliminates costly elbows and accessories.**

Connector Kit

includes:

Length of Double Wall Oil Vent

1 Appliance Connector

1 Universal Connector

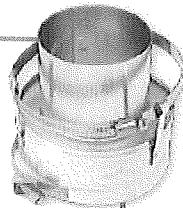


Double Wall Oil Vent Universal Connector

Dia.	List Price/ea
3"	\$42.85
4"	\$45.42
5"	\$49.34
6"	\$51.93
7"	\$54.51
8"	\$58.42

Order No: 20VIUCK ———
(dia)

Used to connect double wall oil vent to any type of single wall pipe. Type L-Vent or Z-Flex Chimney Liner

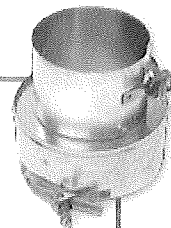


Double Wall Oil Vent Appliance Connector

Dia.	List Price/ea
3"	\$42.85
4"	\$45.42
5"	\$49.34
6"	\$51.93
7"	\$54.51
8"	\$58.42

Order No: 20VIACK ———
(dia)

Used to connect double wall oil vent to appliance collar



Dia.	Lgth.	List Price/pc	Dia.	Lgth.	List Price/pc
3"	3ft	\$186.84	3"	12ft	\$503.13
4"	3ft	\$201.03	4"	12ft	\$545.10
5"	3ft	\$214.14	5"	12ft	\$574.72
6"	3ft	\$223.58	6"	12ft	\$597.92
7"	3ft	\$233.04	7"	12ft	\$621.73
8"	3ft	\$248.80	8"	12ft	\$662.31
3"	6ft	\$292.28	3"	15ft	\$608.62
4"	6ft	\$315.72	4"	15ft	\$659.80
5"	6ft	\$334.25	5"	15ft	\$694.95
6"	6ft	\$348.36	6"	15ft	\$723.07
7"	6ft	\$362.60	7"	15ft	\$751.05
8"	6ft	\$386.55	8"	15ft	\$800.06
3"	9ft	\$397.63	3"	18ft	\$714.11
4"	9ft	\$430.41	4"	18ft	\$774.36
5"	9ft	\$454.49	5"	18ft	\$814.94
6"	9ft	\$473.25	6"	18ft	\$847.84
7"	9ft	\$492.03	7"	18ft	\$880.73
8"	9ft	\$524.31	8"	18ft	\$937.95

Order No: 20VIKIT ———
(dia) (lgth)