•	•	Building or Use			<b>"</b>	mit No: 03-0988	lisue Date	:	CBL:	
		Tel: (207) 874-8703	, Fax:	(207) 874-871	Lannin		AIC 1	o 200	297 G	009001
Location of Const	ruction:	Owner Name:			Owner	Address:	1	O Ewe	Phone:	
4 King St	-	Plummer Sher				erby Rd	~~~~			
Business Name:		Contractor Name	-			ctor Address:		-		
		Walkers Refrig	geration	l ·		Maplecrest F	Rd Parsonsfi	eld	207793	2779
Lessee/Buyer's Na	ime	Phone:			1	Type:				Zone:
	+				HVA	AC				R3
Past Use:	<del></del>	Proposed Use:			Permi	t Fee:	Cost of Wor	rk:	CEO District:	
Single Family		Singley Family	Singley Family w/HVAC unit on 1st			\$84.00	\$6,2	00.00	1	
•		floor			FIRE	DEPT:	Approved	INSPE	CTION:	
						Г	Denied	Use Gr	oup:	Туре:
						_		127	cra 199	Tranc
								1 0	A 166	2
Proposed Project	Description:				1			6	of the late	01.41
add HVAC uni	it on first floor				Signati	ure:		Signati	irel MB	8/18/0
					PEDE	STRIAN ACT	IVITIES DIS	TRICT (	P.A.D.)	11
					Action	ı:	ved 🗀 An	nroved w	/Conditions	Denied
					Acuo			p.0,04	Conditions	
					Signat	ture:			Date:	
Permit Taken By:	[1	Date Applied For:				Zoning	g Approv	al		
jmb		08/18/2003								
1. This perm	This permit application does not preclude the		Special Zone or Review		ews Zoning Appeal			Historic Preservation		
		applicable State and	Shoreland		Variance		ce		Not in District or Landman	
Federal Ru	ules.		_		ا لم.			$\mathcal{A}$		
2 Building r	ermits do not inc	clude nlumbing	$  \Box w$	etland		Miscell	aneous		Does Not I	Require Review
	lectrical work.	orado pramoring,	_						_	•
•		f work is not started		ood Zone		☐ Conditi	ional Use		Requires R	Review
		e date of issuance.								
False info	rmation may inva	alidate a building	□ sı	ıbdivision		Interpre	etation		Approved	
permit and	i stop all work	•							••	
			│	te Plan	·	Approv	red		Approved	w/Conditions
			Maj	☐ Minor ☐ MM	ı 🗆	Denied			Denied	
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			200	1000 14					- <del>-                                  </del>	
				. , 0					$\cup$	
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			•	CERTIFICATI	íΩN					
I hereby certify	that I am the OW	ner of record of the na				oced work i	s authorize	l by the	owner of rec	ord and that
		wner to make this appl								
		rmit for work describe								
		all areas covered by si								
such permit.			-	-			-			
SIGNATURE OF	APPLICANT			ADDRES			DATI		DE	IONE
JAMES OF	· · · · · · · · · · · · · · · · · · ·			ADDKES	J		DAII	•	rr	MICH

RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE

DEDMIT ICCHED

DATE

PHONE



FILL IN AND SIGN WITH INK

# APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT

PERMIT ISSUED
AUG 1 8 2003

MANY OF PORTLAND

Location / CBL Solution and address of owner of appliance Location / CBL Solution and address MALLERS REFLICE.	Use of Building Date 8-18-0:  MBER 4 KING ST HORTLAND
Location of appliance:  Basement Roof Roof Utility Room	Type of Chimney:  Masonry Lined Factory built
Type of Fuel:  Gas  Oil  Solid  Appliance Name:  Will appliance be installed in accordance with the manufacture's installation instructions?  We Supply the Solid  Appliance Name:  Will appliance be installed in accordance with the manufacture's installation instructions?  We Supply the Solid  No  IF NO Explain:	Direct Vent Type CONCENTRIC UL#  Type of Fuel Tank Oil Gas  Size of Tank  CITY OF PORTLANDED  E G E W E
The Type of License of Installer:  Master Plumber #  Solid Fuel #  Oil #  Gas #  Other	Number of Tanks  Distance from Tank to Center of Flame feet.  Cost of Work: \$ 6200.00  Permit Fee: \$ 84.00
Approved  Fire: Ele.:	Approved with Conditions  See attached City of Portland, ME

Bldg.;

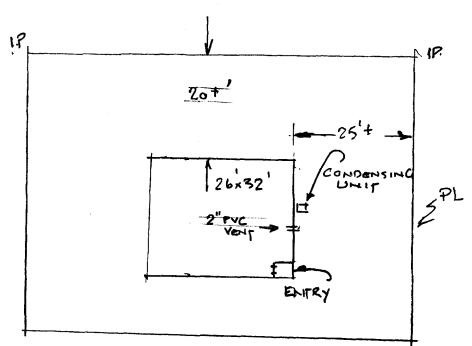
Signature of Installer

Inspector's Signature

AUG | 8 20002 A

389 Congress Street, 04101	e - Building or Use Peri		Permit No: 03-0988	<b>Date Applied For:</b> 08/18/2003	CBL: 297 G009001
Location of Construction:	Owner Name:		)wner Address:		Phone:
4 King St			10 Derby Rd	ruone:	
Business Name:	Contractor Name:		Contractor Address:	Phone	
Panalagor I (mass)	Walkers Refrigerat		319 Maplecrest Rd Parsonsfield		(207) 793-2779
Lessee/Buyer's Name	Phone:		Permit Type: HVAC		(201) 173 2117
Proposed Use:		Proposed	i Project Description	:	
Dept: Zoning St	atus: Approved	Reviewer:	Jeanine Bourke	Approval I	Date: 08/18/2003
Dept: Zoning St. Note:	atus: Approved	Reviewer:	Jeanine Bourke	Approval I	Date: 08/18/2003 Ok to Issue:
Note:	atus: Approved  n a single family dwelling. A				Ok to Issue:

Uboto FRAMED WALL EXTREICE HATAE SIDING WITH PIPE BLOCK TO EXIT BUILDING. 2" PVC CONCENTRIC VENT EXITING BUILDING.



Hote: See Building
Permit File For
EXACT Pol Plan

KILL ST



Walker's Refrigeration, inc. 319 Maplecrest Rd. Parsonsfield, Me. 64647 1-800-298-2779 Phone 1-207-793-2015 Fax

Date: 8-18-03
To: JEANIE ROURKE

ROW THAT FOR YOUR HELP TODAY.

ENCLOSED ARE SPEC'S FOR

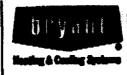
THEOLOGIE, CLEARANCE REQUISIONERS

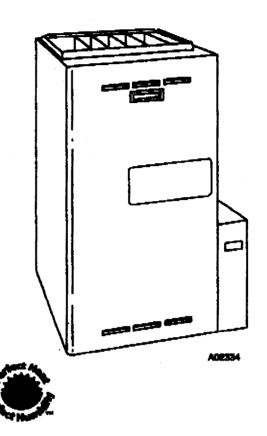
AND N.F.G.COOK FOR INSTALLATION

OF DIRECT VENT EQUIPMENT IN

ENCLOSED FROMS.

Pages to follow:





Building on our industry-leading condensing furnace technology, the model \$55MAV is our greatest innovation in comfort control and operating efficiency.

Modern technology provides the Plus 901<sup>TM</sup> design with great reliability, high efficiency, and ultra-quiet operation. Efficiencies are up to 96.6 percent Annual Fuel Utilization Efficiency (AFUE). The model 355MAV Plus 90i Condensing Gas Furnace incorporates our patented Perfect Heat<sup>TM</sup> Control. This control interacts with a 2-stage gas valve, a variable-speed inducer motor, and a variable-speed blower motor, allowing the Plus 90i to adjust combustion air, firing rate, and airflow to maintain peak efficiency throughout the operating cycle.

The Perfect Heat system provides the ultimate in heating confort while minimizing electrical and gas consumption. The Plus 90 also features Perfect Humidity control when combined with a Bryant Thermidistst\*\* Control and air conditioner or heat pump system.

## **PEATURES**

4-Way Multipoles Design—Allows the model S55MAV to be installed in an uptiow, downtow, or horizontal orientation. Factory configured for uptiow applications with only simple drain connection changes required for conversion to downtow or horizontal. The model S55MAV is available in 6 heat/sirflow combinations. When combined with the 4-way design, the S55MAV allows for 24 different applications.

Media Milter Cabinet—Enhanced Indoor air quality in your home is made easier with our media filter cabinet—a standard accessory on all Deluxe furnaces. When installed as a part of your system, this cabinet allows for easy and convenient addition of a Bryant high-efficiency air filter.

Variable-Speed Notors—Variable-speed operation improves the comfort levels in the home. Variable-Speed motors are also more economical to operate their standard motors. They have the ability to adapt to changing conditions and provide consistent, comfortable, and quiet heating. Motors and electronic controls are covered by a 5-year limited warranty.

2-diago Gan Valve—The \$55MAV has a 2-stage gas valve to vary the amount of gas being used from low-heat to high-heat stage.

Perfect HeatPerfect Hamility Control—This intelligent heating control constantly monitors operating conditions to adjust for greater efficiency and comfort. The control operates 90% of the time in low-heat and reserves the high-firing rate for times when the heating demand is high. The Perfect Heat/Perfect Humidity control has these additional features:

- dedicated terminals for electrical connection of electronic air cleaner and humidifier
- adjustable blower off time
- LED fault code display to aid in servicing
- selectable sirflow to match gooling unit
- emergency heat setting
- setting to increase airflow for bypass-type humidifier.
- selectable constant fan airflow
- · a multizone setting for use with zoned air distribution systems
- a special dehumidification function increases cooling comfort by providing greater humidity removal in summer months
- controls humidity even when there is no heating or cooling demand.

Seeled Combustion System—Enclosed burner assembly leclates operating noise without the expense of sound-deadening devices. With the sealed combustion (direct-vent) system, outdoor air is brought directly into the combustion chamber, cutting cold air infiltration into the structure and reducing drafts.

Three-Peas Privary Heat Easturgers—This design accelerates heat transfer and extracts heat that conventional heat exchangers waste up the flue. The primary heat exchanger is made of aluminized steel for corrector resistance.

Pleas-Through Secendary that Ebschangers—Each cell is leminated with our patented Everlands<sup>TM</sup> polypropylene for greater resistance to corrosion and is spoxy coated externally to prevent exidation. This breakthrough in heating technology (Patent No. 4,738,307) helps extend the life of the furnace for years of reliable performance. The heat exchangers are positioned in the furnace to extract additional heat from the combustion products regardless of furnace orientation.

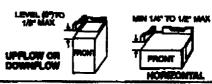
Warming—Limited lifetime warranty on the heat exchangers for the lifetime of the original owner in single family residence; 20 years in other residential and commercial applications. Contact your design for details. The rest of the unit is becked by a 5-year limited warranty.

Form No. PDS 355M.40.10

# **NSTALLATION**

- and for use with restaud gas at alliable 0 10,000 ft (0 2,000m), except 140 disc form ed air homaca is assis m are only approved for alliance 0 - 7,000 ft.
- manufacturer, shall be used to convey to propers gue use or may be required for egype restand gue applications. On in a building communication ofte. This furnism right he installed in a minufactured problem higher when easing on reging place and
- ny jeo krainina yn ageninanthio Regetsy in ginnyn ar gipest af Millianne, kraine. Champa 1907, ar 1908-2007 ship, fari krait in nat jeo verskal sy asarringsy with albur jeo krait gap genera 24 krainin (1907 1914), spistraur 24 kraines (19 mai) friakrains (traitaing reality s

For upliew and downflow applications, furnace must be installed level, or pitched within 1/8" of level. For a horizontal application, the furnace must be pitched minimum 1/4" to meetimum of 1/6" (owned for proper draftege. Sine translation Manual for MPORTENT unit expost datable on horizontal applications.



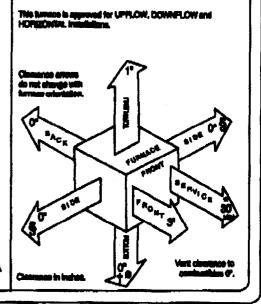
# MINIMUM INCHES CLEARANCE TO COMBUSTIBLE CONSTRUCTION

- Minimum front clearance for service 30 inches (762mm).
- PLOW POURTONS:
  - † Rer Installation on contrastilité floore only when installed on associal base No. 169AllitustriALL, Call Amentaly, Part No. COS or Cris, or Call Caming, Part No. ICANC.

- Line context is permissible only between fines founted by intersections of top and two sides of female justes, and building joids, ethos, or feming.

  Clearance shown in for all infet and all outlet ends.

  130 year tanage requires 1 inch bottom clearance to constantible materials.



SESCOS 201 REV. A







MEETS DOE RESIDENTIAL CONSERVATION SERVICES PROGRAM STANDARDS.

Before purchasing this appliance, read important energy cost and efficiency information available from your retailer.



As an ENERGY STARP Partner, Bryant Hesting & Cooling Systems ermined that this product meets the ENERGY STAR\* guidelines for energy efficiency.



REGISTERED QUALITY SYSTEM These products are engineered and manufactured under an ISO 9001 registered quality system.

LAGE

of the planter or other noncombustible finish where the

clearance specified is 2 in. (50 mm) or less.

(5) Listed air-conditioning equipment shall have the clearance from supply ducts within 3 ft (0.9 m) of the farance pleasum be not less than that specified from the farance mum. No clearance is necessary beyond this distance.

9.2.4 Assembly and Installation. Airconditioning equipment shall be installed in accordence with the manufacturer's inshall be installed in accordance with the manufacturer's in-structions. Unless the equipment is listed for installation on a combustible surface such as a floor or roof, or unless the surface is protected in an approved menner, it shall be installed on a surface of noncombustible construction with memousbustible meterial and surface finish and with no combustible meterial against the underside thereof.

9.2.5 Pursues Plemma and Air Ducts. A furnece pleasure supplied as a part of the air-conditioning equipment shall be installed in accordance with the manufacturer's instructions. Where a furnece plemma is not supplied with the equipment, stalled in accordance with the manishetween's instructions. Where a furnous plumate is not supplied with the equipment, any fabrication and installation instructions provided by the manufacturer shall be followed. The method of connecting supply and return due is shall facilitate proper circulation of sir. Where the sir conditioner is installed within a room not large in comparison with the sim of the equipment, the sir circulated by the equipment shall be handled by ducts that are sealed to the caring of the equipment and that separate the circulating air from the combustion and ventilation sir.

# 9.2.6" Balligaration Colls. (See 9.3.7 and 9.3.8.)

9.2.7 Suitches in Mostrical Supply Line. Means for interrupting the electrical supply to the sir-conditioning equipment and to its associated cooling tower (if supplied and installed in a location remote from the sir conditioner) shall be provided. table sight of and not over 50 ft (15 m) from the sir conditioner and cooling tower.

# 9.3 Control Handay Bellers and Persuces.

9.3.1 Location. Control booting furnace and low-pressure boiler installations in bedrooms or bathrooms shall comply with one of the following:

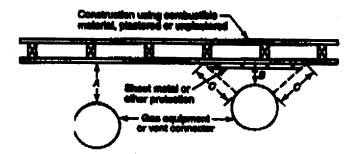
(1) Central heating farances and low-pressure boilers shall be installed in a closet located in the bedroom or bethroom, the closet shall have a wanther-stripped solid door with a self-closing device, and all combustion air shall be obined from the outdoors.

(2) Control heating formaces and low-pressure hollers shall be of the direct year type.

## S.S.2 Cleanunce.

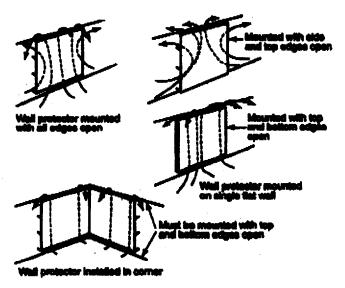
9.3.2.1 Listed central heating ferraces and low-pressure boli-em installed in recess that are large in comparison with the size of the equipment shall be installed with clearances per the terms of their listing and the manufacturer's instructions. (So Section 3.3 for definition.)

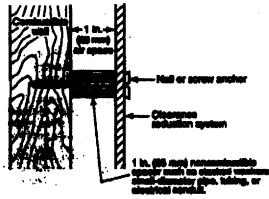
9.3.2.2 Central hasting farmaces and low-pressure boilers in-smiled in rescus that are NOT large (such to electes and clos-ets) in comparison with the size of the equipment shall be listed for such installations. Listed closerates shall not be re-duced by the protection methods described in Table 9.2.5(b) and illustrated in Figure 9.3.2.2(a) through Figure 9.3.2.2(c), regardless of whether the encioners is of combustible or non-combustible masserial.



A equals the elements with no protection specified in Tables 9.2.3(a) and 10.4.1 and in the continue applying to various types of equipment 8 equals the melumal elements permitted in accomismos with Table 9.2.3(b). The protection applied to the construction using coincide the meantain shall extend for enough in each direction to make Cotton to A

PROUNK 9.3.2.2(n) Entent of Protestion Necessary to Resistant Characters from Geo Equipment of Vent Commentum.





Mesonry walls can be attenhed to combustible walls using well time. acces should not be used directly behind appliance or connector.

FIGURE 9.8.2.2(h) Well Protector Clearunce Reduction System.

2002 Billion

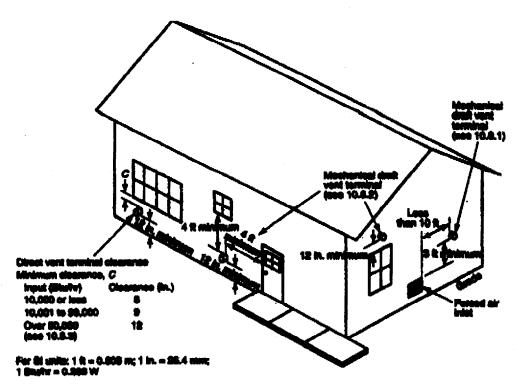


FIGURE A.10.8 That Thombask of Mechanical Droft and Direct-vent Venting Systems.

A.10.5.1.5 For information on the installation of gas vents in existing mesonry chimneys, see Section 10.6.

A.10.5.5.5 Reference can also be made to the chapter on chimney, gas vent, and dreplace systems of the ASSIRAE Hand-best --- H'IRC Systems and Equipment.

A.18.6.1.1 Additional information on sizing venting systems can be found in the following:

- (1) Tables in Chapter 15
  (2) The gas equipment manisfacturer's instructions
  (5) The vanileg equipment manufacturer's sising out musulheturer's slaing instruc-
- p, calculations, and specifications provided by the
- k, gas vent, and Scoplace at of the ASSERAE Handbook - HTMC Systems and Equit

her druit hood-equippe design. Different vent d he draft bood on pped and fin-

A.10.7.5(1) Reference can also be made to the chapter on chimner, gas vent, and fireplace systems of the ASHRAE Hand-book — HVRC System and Equipment.

## A.10.8 See Figure A.10.8.

A.10.10.5 Rathernes can also be made to the chapter on chimney, gas want, and fireplace systems of the ASHRAE Handbook — HTMC Systems and Equipment.

## A.10.10.0.2 See A.10.6.5.1.

A-10-12-4 A divides that will sustematically short off gas to the burner in the event of purchased backdruft is recommended if such bachdeaft snight adversely affect burner operation or if fine gas spilings might introduce a launch. Figure A.10.12.4 shows summples of correct and incorrect locations for baroetric druft regulators.

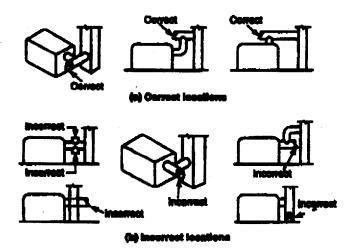


FIGURE A.10.12.4 Locations for Buremetric Druft

BOCE Billion