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58DLA/DLX

Induced-Combustion Gas Furnace Deluxe 4-Way Multipoise Comfort™ 80

Input Capacities: 45,000 thru 155,000 Btuh

THE CARRIER Comfort™ 80 GAS FURNACE

The 58DLA/DLX 4-way Multipoise Gas Furnaces

SERIES















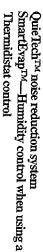












STANDARD FEATURES

ment Districts.

door is provided for tighter sealing in sensitive applications. The 58DLA/DLX furnaces are approved for use with natural or propane gas, and the 58DLX is approved for use in Low NOx Air Quality Manage-

downflow venting, 13 different venting options, and a door designed for easy service access. An inner blower in the event of power outages. Applications are easy with 4-way multipoise design, through-the-furnace downflow venting, 13 different venting options, and a

third motor speed selection for continuous fan opera-tion selectable at the thermostat, and fault code storage

performance air filtration to homes. The gas furnace Media Cabinet provides an economic way to add high quiet induced draft gas furnace. The exclusive Carrier tion system makes the ComfortTM 80 an incredibly 80% gas furnaces. Carrier's QuieTechTM noise reducoffer deluxe features not found in other single-stage

control system provides a dehumidification mode, a

Comfort FanTM—adjustable constant fan speed from

- Media Filter Cabinet included
- Adjustable heating air temperature rise Microprocessor based control center Stores fault codes during power outages Adjustable cooling airflow UED diagnostics and self test feature
- Dehumidification selection for summer-time cooling
- 4-way Multipoise furnace, 13 vent applications Compact design only 33-1/3 in. tall Hot surface ignition (HSI)
- venting Draft safeguard switch to ensure proper furnace

- Insulated blower compartment
 Inner door for tighter sealing
 Heat Pump compatible
 All models are Chimney Friendly when used with accessory vent kit
- Twinning in Upflow, Downflow and Horizontal Residential installations eligible for consumer financing through the Retail Credit Program

LIMITED WARRANTY

A04040

- 20-year warranty on "Super STM" heat exchanger
- 5-year parts warranty on all other components

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		060						
INO	UNIT SIZE	20	12	16 🐫	22	16	22	20
CABACITY BYING	58DLX Upflow; all 58DLA	71,000	89,000	89,000	89,000	107,000	107,000	125,000
CAPACITY DION	58DLX Downflow/Horizontal	68,000	85,000	85,000	85,000	102,000	102,000	119,000
	58DLX Upflow; all 58DLA	88,000	110,000	110,000	110,000	132,000	132,000	154,000
THUTB TUH*	58DLX Downflow/Horizontal	84,000	105,000	105,000	105,000	126,000	126,000	147,000
	Nonweatherized ICS	80.0	80.0	0.08	80.0	80.0	80.0	80.0
DONG WEIGHT (IF)	- Control of the Cont	146	135	146	152	149	163	170
TEMP BISE BANGE (°F)	GE (°F)	25-55	50 <u>8</u> 8	40-70	30-60	50-80	40-70	45-75
	Heating	0.15	0.20	0.20	0.20	0.20	0.20	0.20
MESSURE	Cooling	0.50	0.50	0.50	0.80	0.50	0.50	0.50
	Heating	1990	1335	1515	1900	1525	1850	1790
	Cooling	2025	1355	1680	2220	1710	2110	, 2230
CONTROL	THE PARTY OF THE P				SPST			
MENTING BI OWER CONTROL	91			Solid-S	Solid-State Time Operation	eration		
BERS (Monoport)		4	5	5	5	6	6	7
S CONNECTION SIZE					1/2-in. NPT			
S VALVE (Redundant) Manufacturer	anufacturer				White-Rodgers	3		
Minimum Inlet Pressure (In. wc)	n. wc)			4.	4.5 (Natural Gas)	as)		
seximum inlet Pressure (in. wc)	n. wc)			13	3.6 (Natural Gas)	as)		
TION DEVICE	- Transfer				Hot Surface			
			2000 #		to the second for a	2ch 1000 ft a	June 1935 and A sproper for each 1000 ft above sea level. Refer to	al. Refer to

Less input ratings are certified for elevations to 2000 ft. For elevations above 2000 ft, reduce ratings 4 percent for each 1000 ft above sea level. Refer to stational Fuel Gas code Table F4 or furnace Installation Instructions. In Canada, derate the unit 10 percent for elevations 2000 to 4500 ft above sea level. Capacity in accordance with U.S. Government DOE test procedures.

**Luffow shown is for bottom only return-air supply. For air delivery above 1800 CFM, see Air Delivery Table for other options. A filter is required for each seturn-air supply. An airflow reduction of up to 7 percent may occur when using a Carrier 4-5/15 in, high efficiency media filter.

Blower performance data

	X	10 X 10	10 x 8 10 x 10 11 x 11 10 x 10 11 x 11 11 x 11	10 x 10	10×8	11 × 11	MOWER WHEEL DIAMETER X WIDTHS (In.)
11 < 11	4 4 4						The section of the se
10/0-4	10/5-4	10/5-4	1075-4	1075-4	1075-4	1075-4	BOW (Nominal) - CONFIDS
4 070 4	1077			4			CON FOCE COND ABIT O
11.1	11,1	7.9	11.1	7.9	52	11.1	TOTO THE LOAD ANDS
1							STATE OF THE PROPERTY OF THE P
4/0	3/4	1/2	3/4	1/2	1/3	3/4	PERCY DRIVE MOTOR Hy (PSC)
2	2				SALES CONTRACTOR OF THE PROPERTY OF THE PROPER	Chicago and Contract of Chicago Contract	
20	22	16	22	16	12	20	UNITISIZE
The state of the s	The second secon		The second second				
155	S	13		110		ngn	

SC-Permanent Split Capacitor

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City of Portland, Maine - Building or Use Permit Application 389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716 Location of Construction: 101 Mcallister Farm Rd Business Name: Contractor Name: Portland Airconditioning, Inc. LesseeBuyer's Name Phone:	ding or Use Permit Appl 207) 874-8703, Fax: (207) 8 Owner Name: Dirigo Drywall Associates Contractor Name: Portland Airconditioning, Inc Phone:	Fax: (207) 874-8716 Rassociates Associates Inditioning, Inc. Pe	Permit No: Issue Date: 05-1104 PFRM17 Owner Address: Parm Rd 101 Mcallister Farm Rd Contractor Address: Contractor Address: Contractor Address: Contractor St. S. Portland Permit Type: Contractor St. S. Portland	
Past Use: commercial building	Proposed Use: commercial bui vent gas heating	Proposed Use: Commercial building with direct vent gas heating system in attic Proposed Use: Proposed Use:	Permit Fee: Cost of Work: \$462.00 \$48,668 FIRE DEPT: Approved Denied	of Work: CEO District: 1—10 \$48,668.00
Proposed Project Description: install direct vent gas heating system in attic of commercial building	n attic of comme		Signature: CAOL CAOS Signature: CAOL CAOS Signature: CAOL CAOS Signature: CAOL	STRICT (P.A.D.)
		S: A 1	Action: Approved A:	Approved w/Conditions Denled
Permit Taken By: Date Applied F jharris 08/08/2005	Date Applied For: 08/08/2005		Zoning Approval	val
 This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules. 	reclude the able State and	Special Zone or Reviews Shoreland	Zoning Appeal Variance	Historic Preservation Not in District or Landma
Building permits do not include plumbing septic or electrical work.	lumbing,	☐ Wetland	Miscellaneous	Does Not Require Review
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	is not started of issuance. a building	Flood Zone Subdivision	Conditional Use	☐ Requires Review ☐ Approved
-		Site Plan	Approved	Approved w/Conditions
•		Maj Minor MM Date: R 1 5 E	Date:	Date:
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.	ecord of the nam make this applica work described s covered by suc	led property, or that the pation as his authorized agin the application is issue hermit at any reasonabl	roposed work is authorized gent and I agree to conform d., I certify that the code of the hour to enforce the proving the control of the province th	d by the owner of record and th to all applicable laws of this fficial's authorized representative rision of the code(s) applicable
SIGNATURE OF APPLICANT		ADDRESS	DATE	E PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE	RK, TITLE		DATE	E PHONE

City of Portland, Maine - Building or Use Permit		Permit No:	Date Applied For:	CBL:
Tel: (207) 874-8703, Fax: (2	07) 874-8716	05-1104	08/08/2005	319 A002001
Owner Name:		Owner Address:		Phone.
Dirigo Drywall Associa		101 Mcallister Fan	n Rd	
Contractor Name:		Contractor Address:		Phone
Portland Airconditionin		205 Lincoln St. S. J	Portland	(207) 767-4567
Phone:	I.	ermit Type:		
- Marian		HVAC		
	Proposec	Project Description:		***************************************
rt vent gas heating system in attic		direct vent gas heat		in attic of commercial building
Status: Approved	Reviewer:	Marge Schmuckal	App	te: 08/15/2005
				Ok to Issue: 🗵
Status: Approved with Conditions	Reviewer:	Tammy Munson	Approval Da	08/17
installation must occur prior to c	lose out hy the	engineering decign		Ok to Issue:
us: Approved with Conditions	Reviewer:	Cptn Gree Cass		te- 08/15/2005
		,	,	<u> </u>
1) Instalation to comply with NFPA 90B				
	ine - Building or Use Permit 101 Tel: (207) 874-8703, Fax: (2 Owner Name: Dirigo Drywall Associa: Contractor Name: Portland Airconditionin Phone: Phone: Status: Approved Status: Approved with Conditions Status: Approved with Conditions Status: Approved with Conditions Status: Approved with Conditions	City of Portland, Maine - Building or Use Permit 389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716 Location of Construction: 101 Mcallister Farm Rd 102 Mone: 103 Mone: 104 Mene: 104 Mene: 105 Mone: 106 Mener Name: 107 Mone: 107 Mone: 108 Mener Name: 109 Mener Name: 109 Mener Name: 100 Mener Name: 101 Mcallister Farm Rd 102 Mener Name: 103 Mener Name: 104 Mener Name: 105 Mener Name: 106 Mener Name: 107 Mener Name: 108 Mener Name: 109 Mener Name: 109 Mener Name: 100 Mener Name: 101 Mener Name: 101 Mener Name: 102 Mener Name: 103 Mener Name: 103 Mener Name: 104 Mener Name: 105 Mener Name: 106 Mener Name: 107 Mener Name: 107 Mener Name: 108 Mener Name: 108 Mener Name: 109 Mener Name: 109 Mener Name: 100 Mener Name:	City of Portland, Maine - Building or Use Permit 389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716 Location of Construction: 101 Mcallister Farm Rd Business Name: Contractor Name: Portland Airconditioning, Inc. Lessee/Buyer's Name Ponne: Portland Airconditioning, Inc. Proposed Use: Contractor Vent gas heating system in artic commercial building with direct vent gas heating system in artic Proposed Use: Commercial building with direct vent gas heating system in artic Dept: Zoning Status: Approved with Conditions Note: Dept: Fire Status: Approved with Conditions Note: Note: Note: Note: Status: Approved with Conditions Reviewer: Tammy Munson Dept: Fire Status: Approved with Conditions Reviewer: Cptn Greg Cass Note: No	Permit No: 05-1104 08/08/200 Omer Address: 101 Mcallister Farm Rd contractor Address: 205 Lincoln St. S. Portland ermit Type: HVAC Project Description: ilrect vent gas heating system Marge Schmuckal Marge Schmuckal App Tammy Munson App Cptn Greg Cass App