

ENGINEERING DATA



WHOLE HOUSE DEHUMIDIFIER

Models: FC-60DH-2, FC-85DH-2, FC-100DH-2,
& FC-120DH2



* ENERGY STAR RATED
FOR FC-85DH2 AND
FC-120DH2 MODELS



MODEL PART NUMBER

☐ FC-60DH-2	602617201
☐ FC-85DH-2	602617202
☐ FC-100DH-2	602617204
☐ FC-120DH-2	602617203

OPTIONAL ACCESSORIES AND REPLACEMENT PARTS

PART NO.	MODEL	DESCRIPTION
602609204	SM10C	Inlet/Outlet Collars (60DH/85DH)
602609205	LG10C	Inlet/Outlet Collars (100DH/120DH)
602609206	DH1-RCK	Remote Control Kit with CAT-5 Cable 25ft
602609207	DH2-HK	Hanging Kit Assembly (Fits 60DH/85DH/1100DH/120DH)
602609701	SM10PF	Prefilter Replc 60DH/85DH
602609702	LG10PF	Prefilter Replc 100DH/120DH
602609703	SMM10	MERV10 Replc Filter 60DH/85DH
602609704	LGM10	MERV10 Replc Filter 1100DH/20DH

CERTIFICATIONS

Safety - cETLus UL60335-1
and 60335-2-40

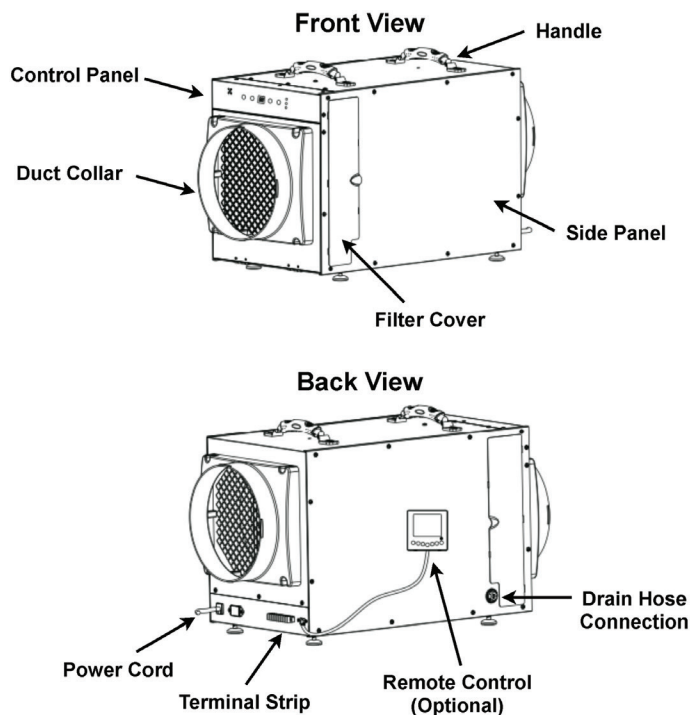
Efficiency Energy Star

DESCRIPTION

Field Controls Dehumidifiers (FC-DH2) feature an upgrade to the original DH model with auto internal/external control detection. The DH-2 can be controlled with an external humidistat or by the integrated humidistat to monitor the conditioned space. The DH-2 whole-home dehumidifier ensures the home is maintained at proper humidity levels professionally.

MODEL	DESCRIPTION	COVERAGE	WEIGHT
FC-60DH-2	60 PINT DEHUMIDIFIER	11,000 FT ³	56 LBS
FC-85DH-2	85 PINT DEHUMIDIFIER	15,000 FT ³	56 LBS
FC-100DH-2	100 PINT DEHUMIDIFIER	18,000 FT ³	74 LBS
FC-120DH-2	120 PINT DEHUMIDIFIER	21,000 FT ³	74 LBS

UNIT DIAGRAM



Field Controls
2630 Airport Road
Kinston, NC 28504

Customer Service: 252 522-3031
Fax: 1 (800) 367-7942

Visit us at: www.fieldcontrols.com



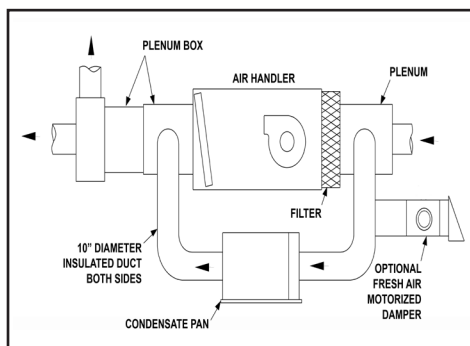
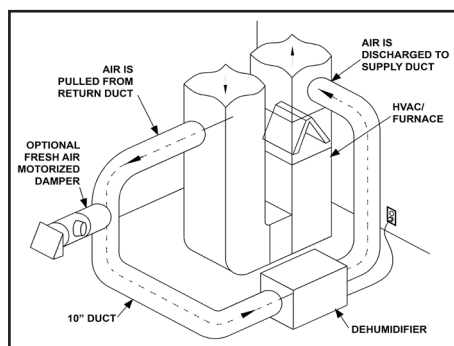
Field Controls LLC reserves the right to modify a product, without prior notice, whether in design, color or specifications, in order to offer at all times a quality product that is highly competitive. Please consult your national and local building codes to find out whether the installation of electrical products requires the services of a certified technician or electrician. Field Controls and Healthy Home System™ are registered Trademarks used under license by Field Controls LLC. All rights reserved.

ENGINEERING DATA

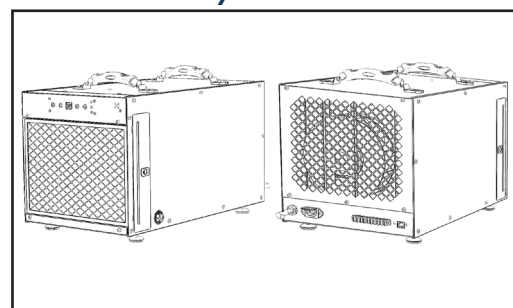
WHOLE HOUSE DEHUMIDIFIER SPECIFICATIONS

MODEL	FC-120DH-2	FC-100DH-2	FC-85DH-2	FC-60DH-2
CAPACITY @ 80°F/60%RH:	120 pints per day	100 pints per day	85 pints per day	60 pints per day
CAPACITY @ 73°F/60%RH:	77.15 pints per day	84.44 pints per day	53 pints per day	44.5 pints per day
POWER SUPPLY	115V/60Hz	115V/60Hz	115V/60Hz	115V/60Hz
OUTLET REQUIREMENT	15 Amp, 3-prong, GFCI	15 Amp, 3-prong, GFCI	15 Amp, 3-prong GFCI	15 Amp, 3-prong GFCI
OPERATING TEMP RANGE	33 - 105°F	36 - 102°F	33 - 105°F	33 - 105°F
OPERATING RELATIVE HUMIDITY RANGE	36% - 90%	36% - 90%	36% - 90%	36% - 90%
AIRFLOW @ 0.0" SP	225 CFM	225 CFM	201 CFM	196 CFM
AIRFLOW @ 0.2" SP	190 CFM	190 CFM	162 CFM	156 CFM
AIRFLOW @ 0.4" SP	150 CFM	150 CFM	106 CFM	102 CFM
COP	1.86 L/kWh	2.16 L/kWh	1.87 L/kWh	1.88 L/kWh
REFRIGERANT	R410A	R32	R410A	R410A
AMPERAGE USAGE	7.6 Amps	6.5 Amps	5.3 Amps	4.05 Amps
SOUND LEVEL	60 dBA	59 dBA	59 dBA	59 dBA
DIMENSIONS (L x W x H)	23.75" x 14" x 16"	23.75" x 14" x 16"	21.7" x 12" x 12"	21.7" x 12" x 12"

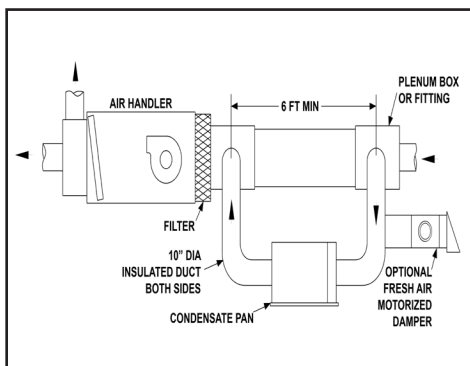
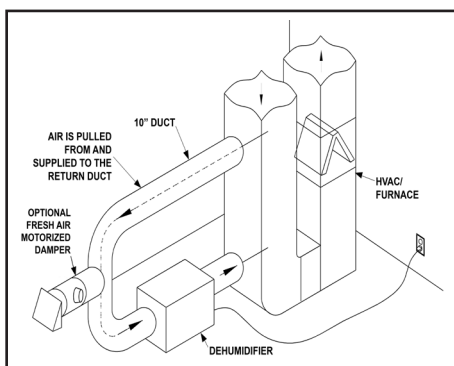
INDEPENDENT OPERATION MODE



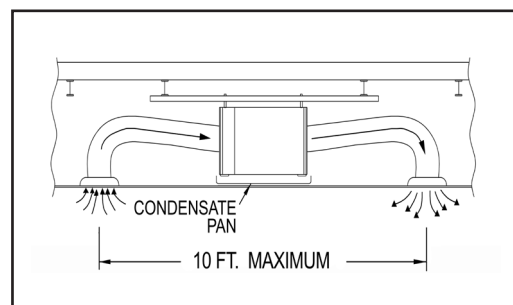
FREE STANDING APPLICATION CRAWL SPACE/BASEMENT



DEPENDENT OPERATION MODE



DROP CEILING MOUNTED INSTALLATION



PROJECT INFORMATION



Field Controls
2630 Airport Road
Kinston, NC 28504
Customer Service: 252 522-3031
Fax: 1 (800) 367-7942
Visit us at: www.fieldcontrols.com

Quoted by:	Date:
Project:	Remarks:
Quantity:	
Model:	
Site:	
Architect:	
Engineer:	
Contractor:	