

# ENGINEERING DATA



## HEALTHY HOME SYSTEM DEHUMIDIFIER

Models: FC-60DH, FC-85DH, FC-120DH



### MODEL PART NUMBER

<input type="checkbox"/>	FC-60DH	602609201
<input type="checkbox"/>	FC-85DH	602609202
<input type="checkbox"/>	FC-120DH	602609203

### OPTIONAL ACCESSORIES AND REPLACEMENT PARTS

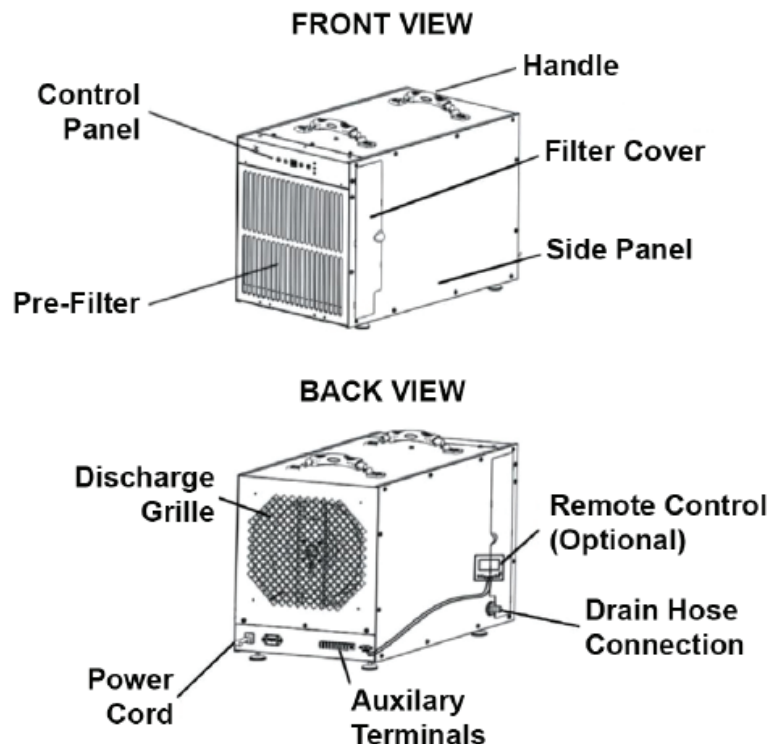
PART NO.	MODEL	DESCRIPTION
602609204	SM10C	SM10C Inlet/Outlet Collars
602609205	LG10C	LG10C Inlet/Outlet Collars
602609206	DH1-RCK	Remote Control Kit
602609207	DH2-HK	Hanging Kit Assembly
602609701	SM10PF	Prefilter Replc 60DH/85DH
602609702	LG10PF	Prefilter Replc 120DH
602609703	SMM10	MERV10 Replc Filter 60DH/85DH
602609704	LGM10	MERV10 Replc Filter 120DH

### DESCRIPTION

Field Controls Dehumidifiers (FC-DH) feature an integrated dehumidistat to monitor the conditioned space. When the relative humidity rises above the selected setpoint, the dehumidifier will energize. Air is then drawn across an evaporator coil, which is cooler than the dew point air. This means moisture will condense out of the air. The air is then reheated through the condenser coil and distributed back into the room.

MODEL	DESCRIPTION	COVERAGE	WEIGHT
FC-60DH	60 Pint Whole House Dehumidifier	11,000FT <sup>3</sup>	56lbs
FC-85DH	85 Pint Whole House Dehumidifier	15,000FT <sup>3</sup>	56lbs
FC-120DH	120 Pint Whole House Dehumidifier	21,000FT <sup>3</sup>	74lbs

### 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](http://www.fieldcontrols.com)

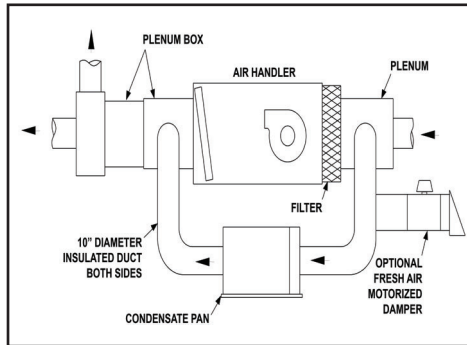
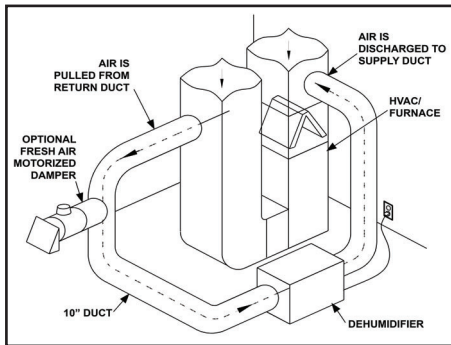
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# ENGINEERING DATA FC-DH

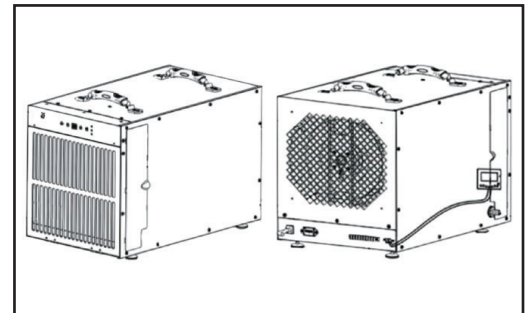
## WHOLE HOUSE DEHUMIDIFIER SPECIFICATIONS

MODEL	FC-60DH	FC-85DH	FC-120DH
Part Number	602609201	602609202	602609203
Rated Condensate Capacity (80°F, 60%)	60 ppd	85 ppd	120 ppd
Rated Condensate Capacity (90°F, 90%)	120 ppd	160 ppd	230 ppd
Power Cord	110-120 VAC 60Hz. Grounded 10 ft	110-120 VAC 60Hz. Grounded 10 ft	110-120 VAC 60Hz. Grounded 10 ft
COP	2.45 L/kWh	2.71 L/kWh	2.80 L/IWh
Operating Temperature Range	33-105 deg F	33-105 deg F	33-105 deg F
Operating Relative Humidity Range	36 - 90%	36 - 90%	36 - 90%
Fan Motor F.L.A. Rated Conditions (80F, 60%)	4.05A	5.3A	7.8A
Air Flow @ 0.00 in WC	155 CFM	185 CFM	300 CFM
Refrigerant	R410A	R410A	R410A
Inlet Filter	MERV10	MERV10	MERV10
Cabinet Construction	Prepainted Steel	Prepainted Steel	Prepainted Steel
Duct Connector Collars (Optional Accessory)	SM10C Rd Inlet Outlet Collars (set of 2)	SM10C Rd Inlet Outlet Collars (set of 2)	LG10C Rd Inlet Outlet Collars (set of 2)
Orientation	Horizontal end on end < >	Horizontal end on end < >	Horizontal end on end < >
Condensate Drain	3/4"	3/4"	3/4"
Dimensions	21.7" X 12" W X 12" H	21.7" X 12" W X 12" H	23.75" X 14" W X 16" H
Sound dBA	59 dBA	59 dBA	59 dBA
Warranty	5 Years Limited	5 Years Limited	5 Years Limited

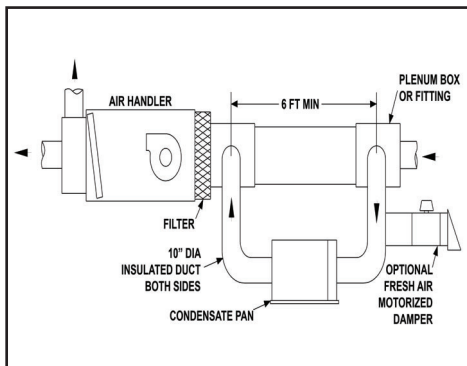
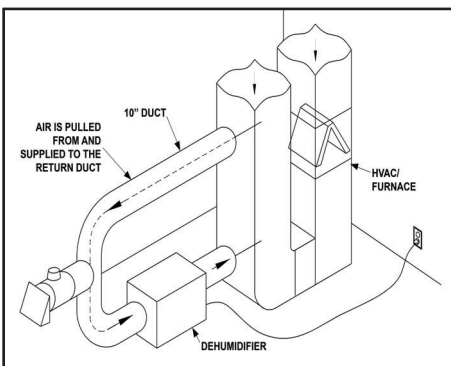
### INDEPENDENT OPERATION MODE



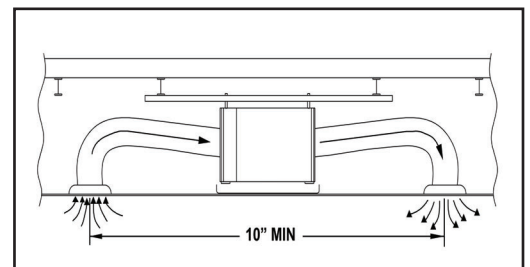
### FREE STANDING APPLICATION CRAWL SPACE/BASEMENT



### DEPENDENT OPERATION MODE



### DROP CEILING MOUNTED INSTALLATION



### PROJECT INFORMATION

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



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