

TECHNICAL DATA

WEB-DRI® DRYING SYSTEM

4570-G-01-C

MODEL 4570

Effective: 15 October 1999

Specifications

Model	Number Zoned Heat Regions	Number of Lamps	Lamp Type	Lamp Rated Voltage	Applied Lamp Voltage 3 Phase	Amps at Applied Voltage	Main Circuit Breaker, Amps	kW at Applied Voltage	Maximum Recomm. Web Width
4570-16-12	2	12	1600T3 3000T3/CL	240	480	24 44	30 60	19.2 36.0	11 (279)
4570-16-18	3	18	1600T3 3000T3/CL	240	480	35 65	50 90	28.8 54.0	17 (432)
4570-16-24	4	24	1600T3 3000T3/CL	240	480	47 87	60 125	38.4 72.0	23 (584)
4570-16-30	5	30	1600T3 3000T3/CL	240	480	58 108	70 150	48.0 90.0	29 (737)
4570-16-36	6	36	1600T3 3000T3/CL	240	480	70 130	90 175	57.6 108.0	35 (889)
4570-16-42	7	42	1600T3 3000T3/CL	240	480	81 152	100 200	67.2 126.0	41 (1041)
4570-25-12	2	12	2500T3/VB/CL	480	480	37	50	30.0	11 (279)
4570-25-18	3	18	2500T3/VB/CL	480	480	55	70	45.0	17 (432)
4570-25-24	4	24	2500T3/VB/CL	480	480	73	90	60.0	23 (584)
4570-25-30	5	30	2500T3/VB/CL	480	480	91	150	75.0	29 (737)
4570-25-36	6	36	2500T3/VB/CL	480	480	109	150	90.0	35 (889)
4570-25-42	7	42	2500T3/VB/CL	480	480	127	175	105.0	41 (1041)
				4570-16			4570-25		
Maximum Line Speed, Feet (Meters) per Minute*				300 (91)			500 (152)		
Overall Length, Inches (mm)				22.75 (578)			31.75 (806)		
Drying Length, Inches (mm)				16 (406)			25 (635)		
Agency Approvals				<ul style="list-style-type: none"> • CE Certification 					
Wiring				<ul style="list-style-type: none"> • Cabling to connect the power cabinet to the drying module and operator control panel (length specified at time of order) 					
Operator Controls				<ul style="list-style-type: none"> • Off/Air/Air-Heat Selection • Manual/Automatic Heat Output Adjustment • Power Range Adjustment • Heat Region On/Off Selection • Master Start • Fast Stop 					



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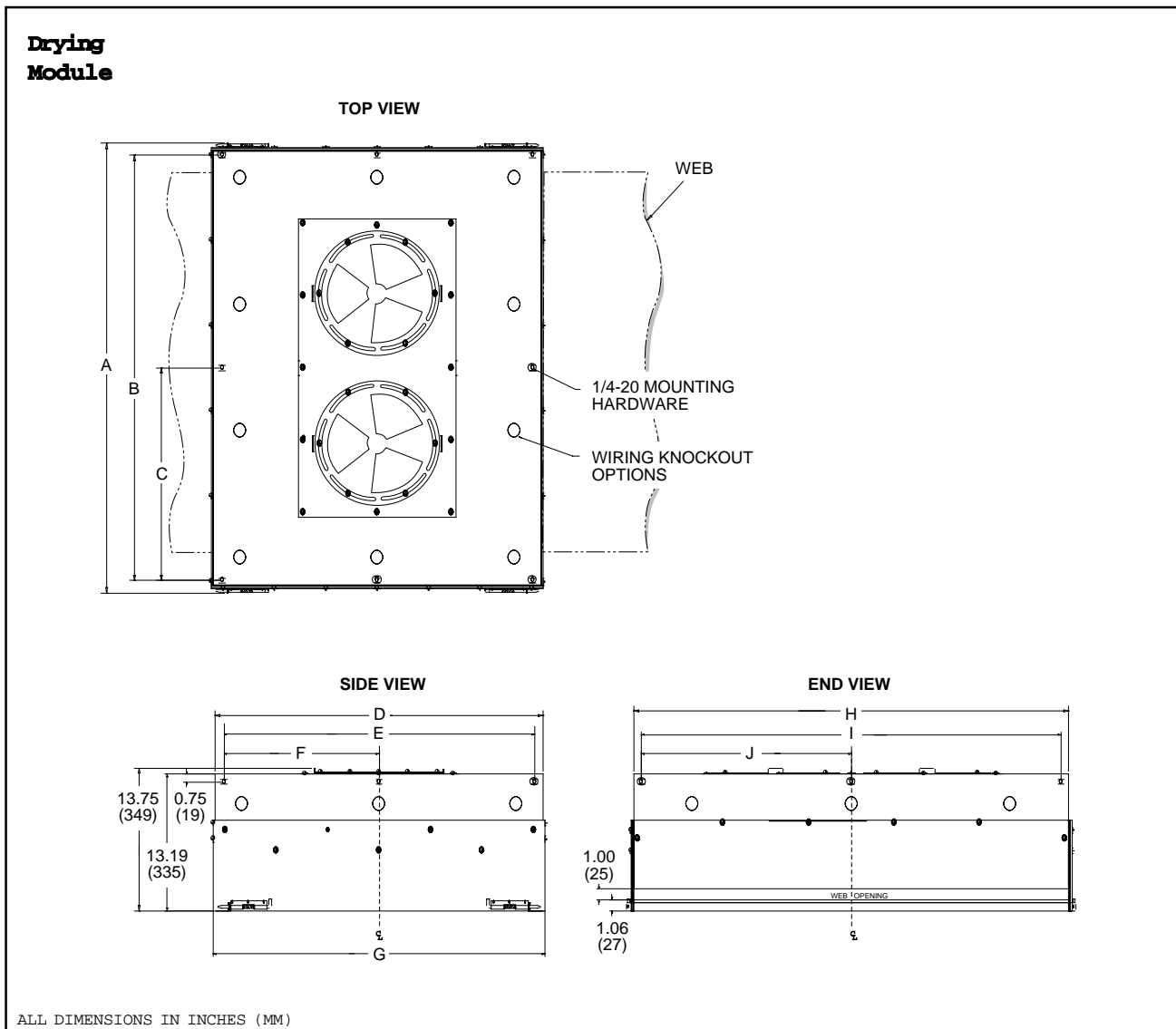
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Specifications *(Continued)*

Site Requirements	
	<ul style="list-style-type: none">• Service to accommodate the specified main circuit breaker and applied lamp voltage• Personnel to mount the system in place• Electrician to 1) connect the main power to the power control, 2) connect the wiring between the power control and the transport, 3) connect the wiring between the power control and the drying module, 4) connect the wiring between the power control and the operator panel

* Application dependent

Dimensions



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Dimensions *(Continued)*

MODEL	A	B	C	D	E	F	G	H	I	J
4570-16-12	13.45 (342)	11.10 (282)	N/A	22.75 (578)	21.00 (533)	10.50 (267)	23.00 (584)	12.00 (305)	10.50 (267)	N/A
4570-16-18	19.45 (494)	17.10 (434)						18.00 (457)	16.50 (419)	
4570-16-24	25.45 (646)	23.10 (587)	11.55 (293)					24.00 (610)	22.50 (572)	11.25 (286)
4570-16-30	31.45 (799)	29.10 (739)	14.55 (370)					30.00 (762)	28.50 (724)	14.25 (362)
4570-16-36	37.45 (951)	35.10 (892)	17.55 (446)					36.00 (914)	34.50 (876)	17.25 (438)
4570-16-42	43.45 (1104)	41.10 (1044)	20.55 (522)					42.00 (1067)	40.50 (1029)	20.25 (514)
4570-25-12	13.45 (342)	11.10 (282)	N/A	31.75 (806)	30.00 (762)	15.00 (381)	32.00 (813)	12.00 (305)	10.50 (267)	N/A
4570-25-18	19.45 (494)	17.10 (434)						18.00 (457)	16.50 (419)	
4570-25-24	25.45 (646)	23.10 (587)	11.55 (293)					24.00 (610)	22.50 (572)	11.25 (286)
4570-25-30	31.45 (799)	29.10 (739)	14.55 (370)					30.00 (762)	28.50 (724)	14.25 (362)
4570-25-36	37.45 (951)	35.10 (892)	17.55 (446)					36.00 (914)	34.50 (876)	17.25 (438)
4570-25-42	43.45 (1104)	41.10 (1044)	20.55 (522)					42.00 (1067)	40.50 (1029)	20.25 (514)

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MODEL 4570

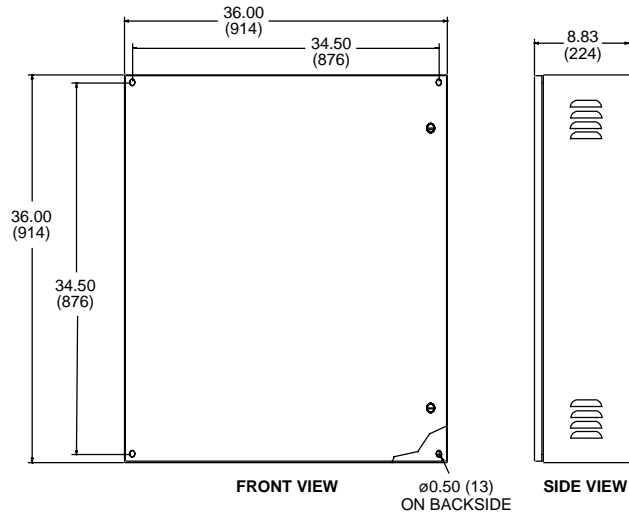
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Dimensions (Continued)

Power Cabinet

ALL MODELS WITH 2-4 HEAT REGIONS

MODELS WITH 2-4 HEAT REGIONS
4570-16-12
4570-16-18
4570-16-24
4570-25-12
4570-25-18
4570-25-24

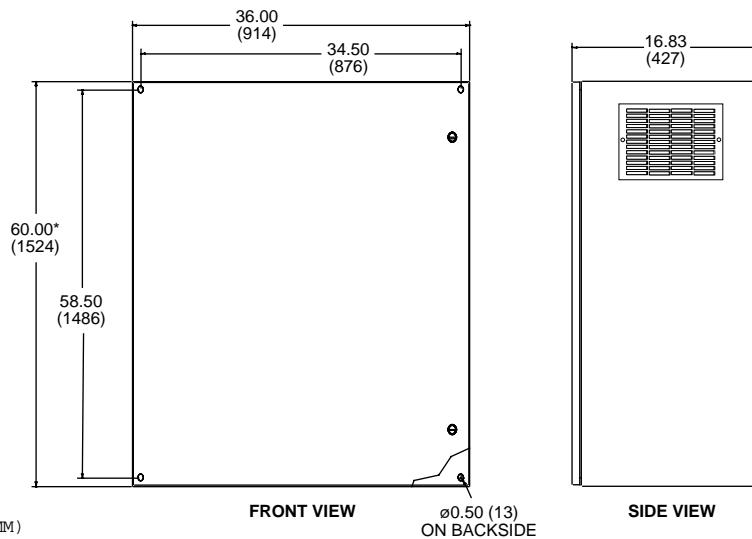


ALL DIMENSIONS IN INCHES (MM)

Power Cabinet

ALL MODELS WITH 5-7 HEAT REGIONS

MODELS WITH 5-7 HEAT REGIONS
4570-16-30
4570-16-36
4570-16-42
4570-25-30
4570-25-36
4570-25-42



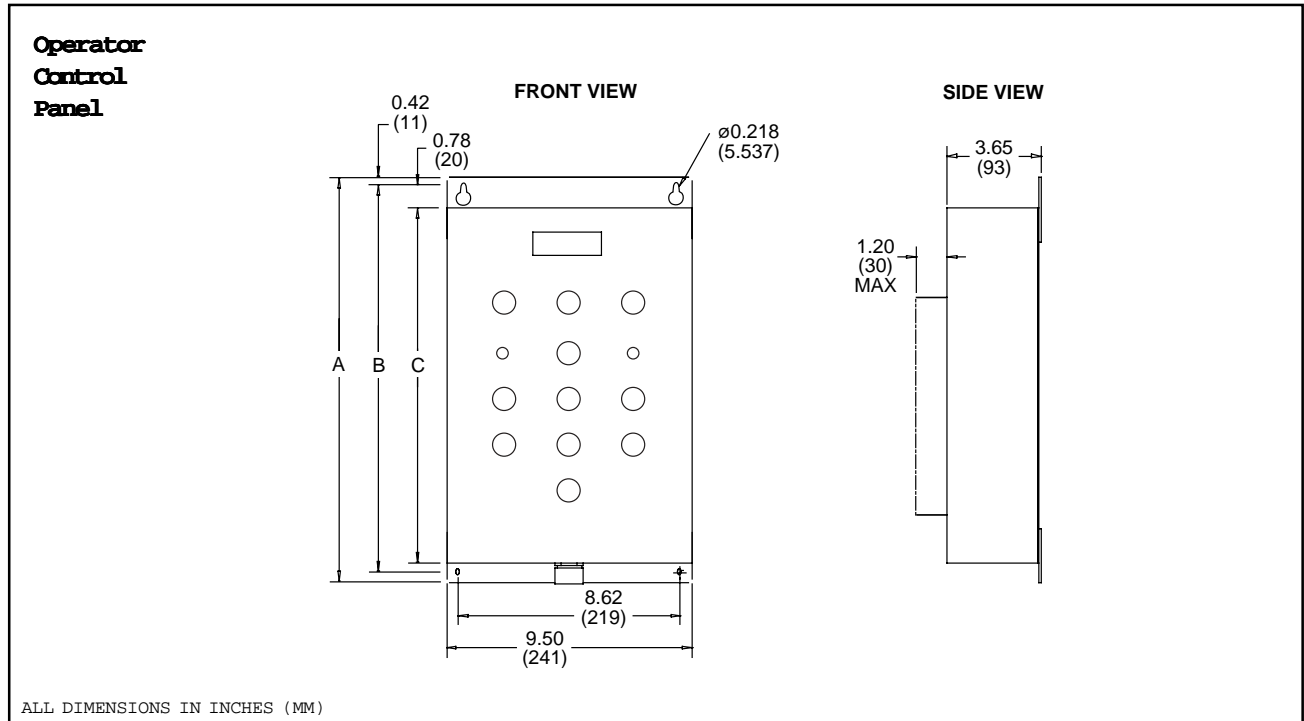
- CABINETS INCLUDE 12-INCH (305-MM) HIGH LEGS - NOT SHOWN

ALL DIMENSIONS IN INCHES (MM)

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Dimensions *(Continued)*



DIMENSION	4570-XX-12	4570-XX-18	4570-XX-24	4570-XX-30	4570-XX-36	4570-XX-42
A	15.70 (399)	17.95 (456)	17.95 (456)	17.95 (456)	20.20 (514)	20.20 (514)
B	14.90 (378)	17.15 (436)	17.15 (436)	17.15 (436)	19.40 (493)	19.40 (493)
C	13.75 (349)	16.00 (406)	16.00 (406)	16.00 (406)	18.25 (464)	18.25 (464)

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Ordering Information

MODEL 4570	WEB-DRI DRYING SYSTEM	
	CODE	DRYING LENGTH
	16	16 Inches (406 mm)
	25	25 Inches (635 mm)
	CODE	DRYING WIDTH
	12	12 Inches (305 mm), 2 Heat Regions
	18	18 Inches (457 mm), 3 Heat Regions
	24	24 Inches (610 mm), 4 Heat Regions
	30	30 Inches (762 mm), 5 Heat Regions
	36	36 Inches (914 mm), 6 Heat Regions
	42	42 Inches (1,067 mm), 7 Heat Regions
	CODE	LAMP POWER
	0	16-Inch (406-mm), 1600 Watt or 25-Inch (635-mm) 2500 Watt
	1	16-Inch (406-mm), 3000 Watt (Not available in 25-Inch (635-mm) heated length)
	CODE	CABLE LENGTH
	1	20 Feet (6.1 meters)
	2	40 Feet (12.2 meters)
	Provides wiring to connect the power cabinet to both the operator control panel and the drying module	
	CODE	CUSTOM FEATURE
	00	None
	XX	Custom Feature

4570	-	25	-	24	-	0	-	1	-	00	TYPICAL MODEL NUMBER
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Note: All drying systems include a power cabinet, an operator panel, 120 volt AC interlock (installed), a 24 volt AC interlock (not installed), a tachometer, and the appropriate number and type of lamps.

Special shipping arrangements are required - consult factory.

Ordering Information

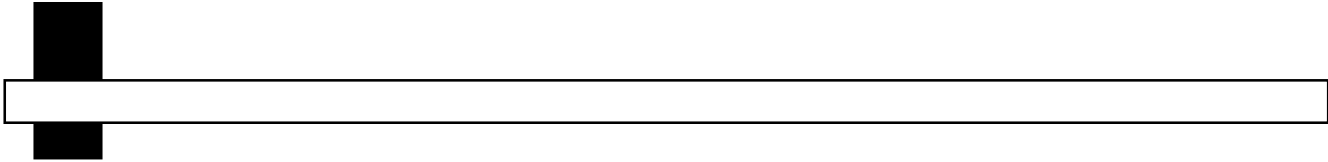
DESCRIPTION	MODEL NUMBER
ACCESSORIES	
24 VDC Interlock Kit	KI-4560-24DC
Frequency to Voltage Converter Kit (Requires Customer-Supplied Optical Encoder, Magnetic Pick-up or Other Device to Create a Pulsed Output)	KFVC-4560

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Ordering Information *(Continued)*

DESCRIPTION	MODEL NUMBER
SPARE AND REPLACEMENT PARTS	
FRU (Field Replaceable Unit) Kits: To obtain basic recommended spare parts for the 4570, order the appropriate Basic FRU Kit. Basic Kits include O-rings, fuses, relays and six lamps.	
To obtain a comprehensive inventory of spare parts for field replacement, order the appropriate Extended FRU Kit. Extended Kits include O-rings, fuses, relays, thermostat, tachometer, power controller, varistor, PCB, and a full complement of lamps.	
Basic FRU Kit for Model 4570-16-12-0X-00	FRU-B-4570-16-12-0
Extended FRU Kit for Model 4570-16-12-0X-00	FRU-E-4570-16-12-0
Basic FRU Kit for Model 4570-16-18-0X-00	FRU-B-4570-16-18-0
Extended FRU Kit for Model 4570-16-18-0X-00	FRU-E-4570-16-18-0
Basic FRU Kit for Model 4570-16-24-0X-00	FRU-B-4570-16-24-0
Extended FRU Kit for Model 4570-16-24-0X-00	FRU-E-4570-16-24-0
Basic FRU Kit for Model 4570-16-30-0X-00	FRU-B-4570-16-30-0
Extended FRU Kit for Model 4570-16-30-0X-00	FRU-E-4570-16-30-0
Basic FRU Kit for Model 4570-16-36-0X-00	FRU-B-4570-16-36-0
Extended FRU Kit for Model 4570-16-36-0X-00	FRU-E-4570-16-36-0
Basic FRU Kit for Model 4570-16-42-0X-00	FRU-B-4570-16-42-0
Extended FRU Kit for Model 4570-16-42-0X-00	FRU-E-4570-16-42-0
Basic FRU Kit for Model 4570-16-12-1X-00	FRU-B-4570-16-12-1
Extended FRU Kit for Model 4570-16-12-1X-00	FRU-E-4570-16-12-1
Basic FRU Kit for Model 4570-16-18-1X-00	FRU-B-4570-16-18-1
Extended FRU Kit for Model 4570-16-18-1X-00	FRU-E-4570-16-18-1
Basic FRU Kit for Model 4570-16-24-1X-00	FRU-B-4570-16-24-1
Extended FRU Kit for Model 4570-16-24-1X-00	FRU-E-4570-16-24-1
Basic FRU Kit for Model 4570-16-30-1X-00	FRU-B-4570-16-30-1
Extended FRU Kit for Model 4570-16-30-1X-00	FRU-E-4570-16-30-1
Basic FRU Kit for Model 4570-16-36-1X-00	FRU-B-4570-16-36-1
Extended FRU Kit for Model 4570-16-36-1X-00	FRU-E-4570-16-36-1
Basic FRU Kit for Model 4570-16-42-1X-00	FRU-B-4570-16-42-1
Extended FRU Kit for Model 4570-16-42-1X-00	FRU-E-4570-16-42-1
Basic FRU Kit for Model 4570-25-12-0X-00	FRU-B-4570-25-12-0
Extended FRU Kit for Model 4570-25-12-0X-00	FRU-E-4570-25-12-0
Basic FRU Kit for Model 4570-25-18-0X-00	FRU-B-4570-25-18-0
Extended FRU Kit for Model 4570-25-18-0X-00	FRU-E-4570-25-18-0
Basic FRU Kit for Model 4570-25-24-0X-00	FRU-B-4570-25-24-0
Extended FRU Kit for Model 4570-25-24-0X-00	FRU-E-4570-25-24-0
Basic FRU Kit for Model 4570-25-30-0X-00	FRU-B-4570-25-30-0
Extended FRU Kit for Model 4570-25-30-0X-00	FRU-E-4570-25-30-0
Basic FRU Kit for Model 4570-25-36-0X-00	FRU-B-4570-25-36-0
Extended FRU Kit for Model 4570-25-36-0X-00	FRU-E-4570-25-36-0
Basic FRU Kit for Model 4570-25-42-0X-00	FRU-B-4570-25-42-0
Extended FRU Kit for Model 4570-25-42-0X-00	FRU-E-4570-25-42-0



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