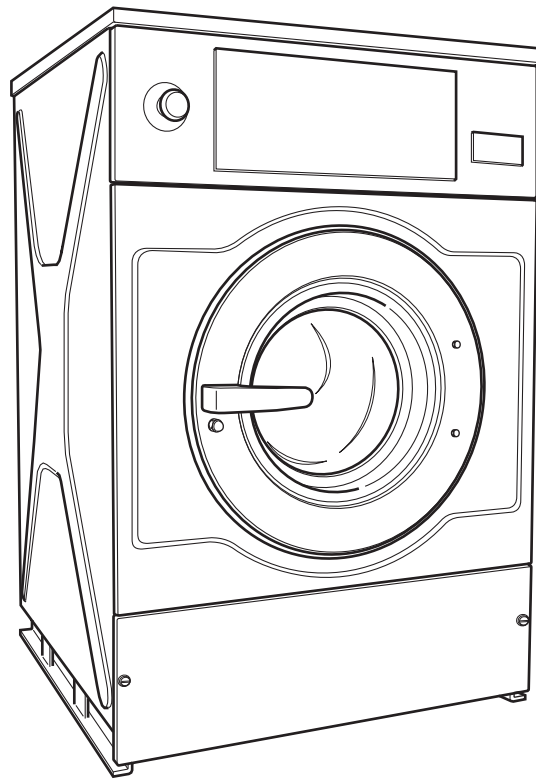


On-Premise Laundry Planning Handbook



CHM2097N

IWF Washer-Extractors

Refer to Installation manual for full instructions.



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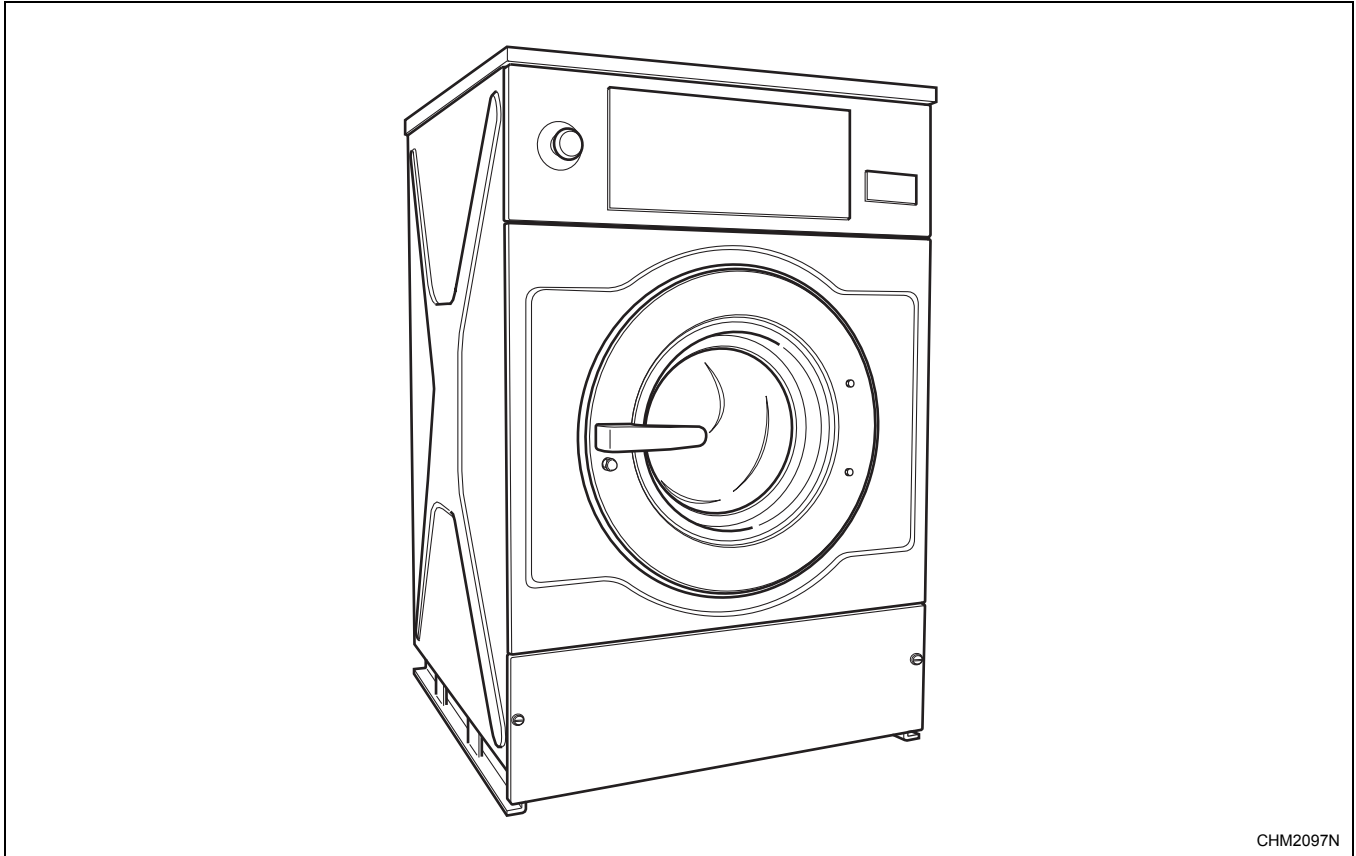
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Washer-Extractors

Introduction

Model Identification - IWF Washer-Extractors



CHM2097N

Figure 1

IWF014	IWF030	IWF055
IWF018	IWF033	IWF075
IWF025	IWF040	

Washer-Extractors

Specifications and Dimensions - Model IWF014 (2-speed)

Capacity (dry weight) Ratio (kg/l)	
1:11	13 lb. (5.9 kg)
1:10	14 lb. (6.5 kg)
1:9	15.87 lb. (7.2 kg)
Cylinder	
Cylinder diameter, in. (mm)	20.86 (530)
Cylinder depth, in. (mm)	11.61 (295)
Cylinder volume, ft. ³ (l)	2.29 (65)
Cabinet	
Overall height, in. (mm)	40.98 (1041)
Overall width, in. (mm)	25.98 (660)
Overall depth, in. (mm)	31.37 (797)
Front Loading	
Door opening size, in. (mm)	11.81 (300)
Height of door bottom above floor, in (mm)	13.97 (355)
Height of door center above floor, in (mm)	20 (508)
Speed	
Wash	10-50 tr/min - RPM
Distribution	85 tr/min - RPM
Spin	525 tr/min - RPM
G-factor	
Spin	82
Motor (3 phase), 4p, 1470 tr/min	0.5 HP/0.37 kW
Drain Valve, in. (mm)	2 (51)
Water Supply (hard, soft, warm water), in. (mm)	.75 (19)
Direct Steam Heating	
Steam inlet connection size, in. (mm)	.38 (10)
Electrical	
Electrical Heating (230/400 V)	4.2 kW - 6 kW - 9 kW
Electrical Heating (400V)	Not Applicable
Steam	Not Applicable
Warm Water (without additional heating)	Not Applicable
Warm Water (with additional heating)	Not Applicable
Packing Dimensions (height X width X depth), in. (mm)	45.66 X 28.74 X 33.46 (1160 X 730 X 850)
Weight	
Net weight, lb. (kg)	384 (174)
Gross weight, lb. (kg)	423.28 (192)

Machine Dimensions - Model IWF014 (2-speed)

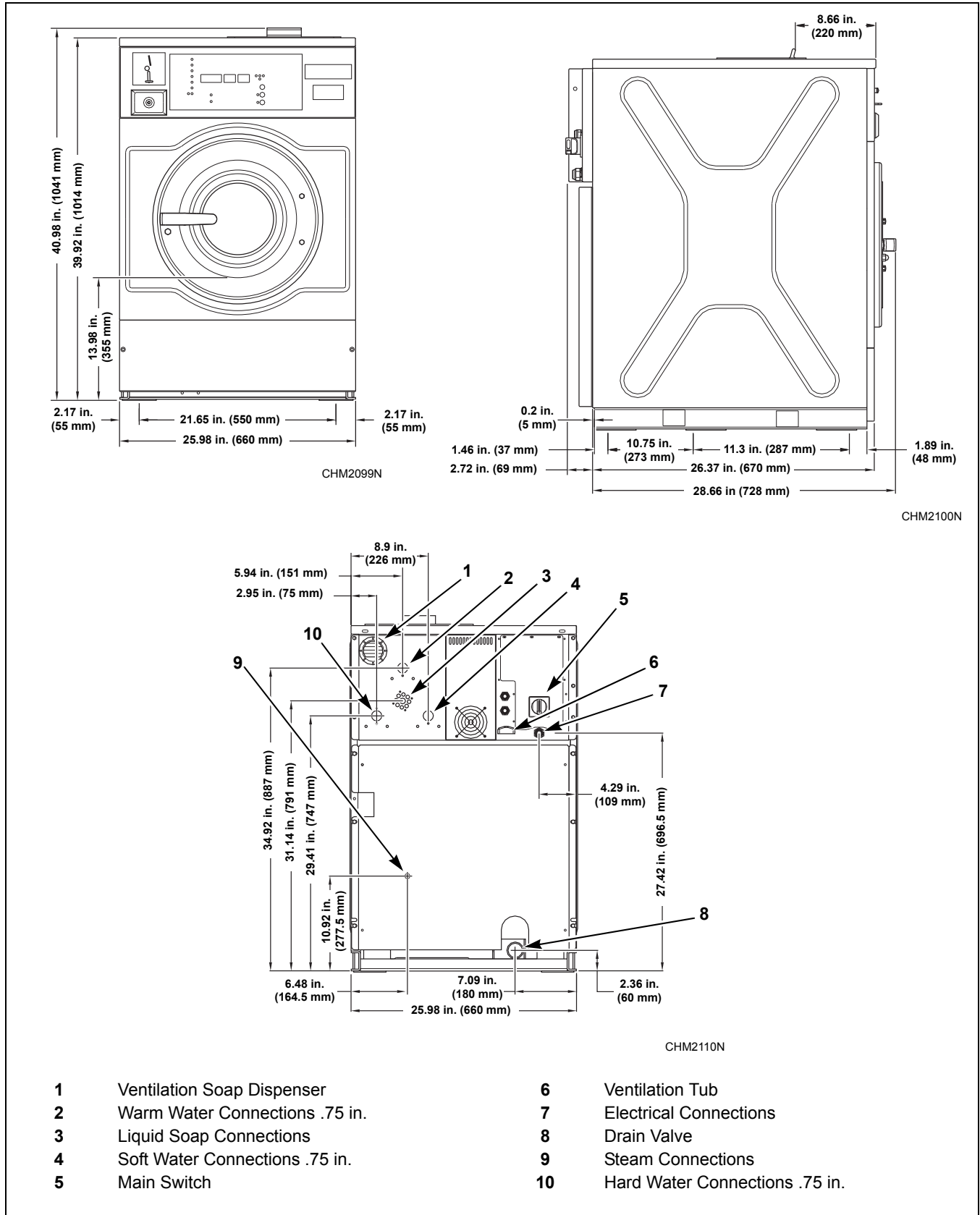


Figure 2

Mounting Bolt Hole Locations - Model IWF014 (2-speed)

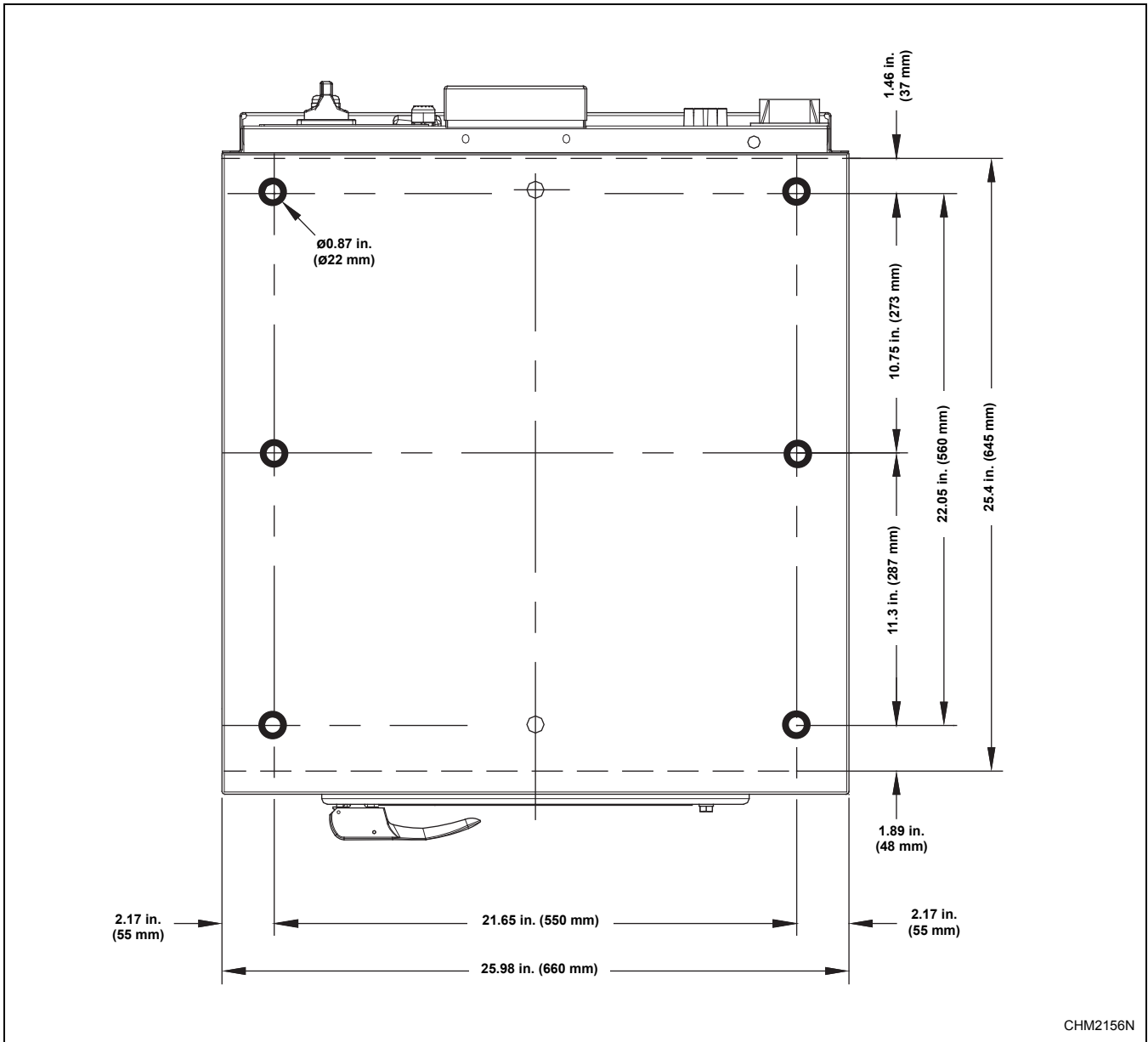



Figure 3

	WARNING
<p>Only trained personnel should perform this procedure. Use caution while servicing machines with covers removed and power applied.</p>	
W700	

Electrical Installation Requirements - Model IWF014 (2-speed)

					Boiler Fed/Steam Heat				Electric Heat								
Code	Voltage	Cycle	Phase	Wire	Full Load Amps	Recommended Circuit Breaker (US-market)		AWG/mm ²	kW Standard Heating Elements	Full Load Amps	Recommended Circuit Breaker (US-market)		AWG/mm ²				
						US	NON-US				US	NON-US					
N	440-480	50/60	3	3+PE	1	10	6	14/2.5	3x2 kW	N/A	N/A	N/A	N/A				
P	380-415	50/60	3	3+N+PE	1	10	6	14/2.5		11.9	15	16	14/2.5				
Q	200-240	50/60	3	3+PE	2.5	10	6	14/2.5		18.9	25	20	14/2.5				
X	200-240	50/60	1/3	2/3+PE	2.5	10	6	14/2.5		N/A	N/A	N/A	N/A				
									Alternative Electric Heat Options								
N	440-480	50/60	3	3+PE					3x1.4 kW	N/A	N/A	N/A	N/A				
P	380-415	50/60	3	3+N+PE						8.6	10	10	14/2.5				
Q	200-240	50/60	3	3+PE						14	15	16	14/2.5				
X	200-240	50/60	1/3	2/3+PE						N/A	N/A	N/A	N/A				
N	440-480	50/60	3	3+PE									3x3 kW	N/A	N/A	N/A	N/A
P	380-415	50/60	3	3+N+PE										17.3	25	20	14/2.5
Q	200-240	50/60	3	3+PE										27.1	30	25	14/2.5
X	200-240	50/60	1/3	2/3+PE										N/A	N/A	N/A	N/A

Table 1

Washer-Extractors

Specifications and Dimensions - Model IWF018 (2-speed)

Capacity (dry weight) Ratio (kg/l)	
1:11	14.33 lb. (6.9 kg)
1:10	16.09 lb. (7.3 kg)
1:9	18.51 lb. (8.4 kg)
Cylinder	
Cylinder diameter, in. (mm)	20.86 (530)
Cylinder depth, in. (mm)	13.58 (345)
Cylinder volume, ft. ³ (l)	2.57 (73)
Cabinet	
Overall height, in. (mm)	40.98 (1041)
Overall width, in. (mm)	25.98 (660)
Overall depth, in. (mm)	31.37 (797)
Front Loading	
Door opening size, in. (mm)	11.81 (300)
Height of door bottom above floor, in (mm)	13.97 (355)
Height of door center above floor, in (mm)	20 (508)
Speed	
Wash	10-50 tr/min - RPM
Distribution	85 tr/min - RPM
Spin	525 tr/min - RPM
G-factor	
Spin	82
Motor (3 phase), 4p, 1470 tr/min	0.5 HP/0.37 kW
Drain Valve, in. (mm)	2 (51)
Water Supply (hard, soft, warm water), in. (mm)	.75 (19)
Direct Steam Heating	
Steam inlet connection size, in. (mm)	.38 (10)
Electrical	
Electrical Heating (230/400 V)	4.2 kW - 6 kW - 9 kW
Electrical Heating (400V)	12 kW
Steam	Not Applicable
Warm Water (without additional heating)	Not Applicable
Warm Water (with additional heating)	Not Applicable
Packing Dimensions (height X width X depth), in. (mm)	45.66 X 28.74 X 33.46 (1160 X 730 X 850)
Weight	
Net weight, lb. (kg)	399.03 (181)
Gross weight, lb. (kg)	432.10 (196)

Machine Dimensions - Model IWF018 (2-speed)

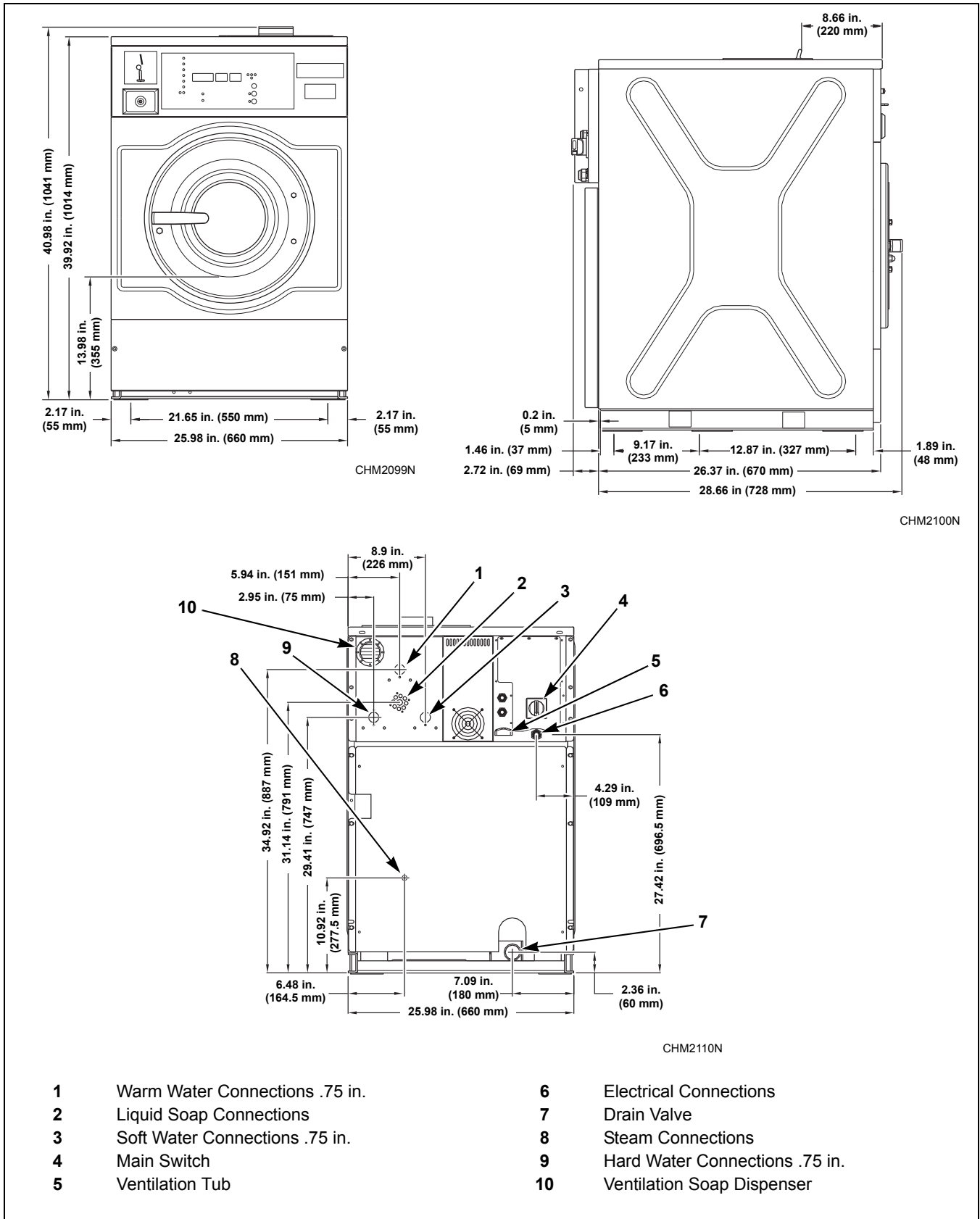


Figure 4

Mounting Bolt Hole Locations - Model IWF018 (2-speed)

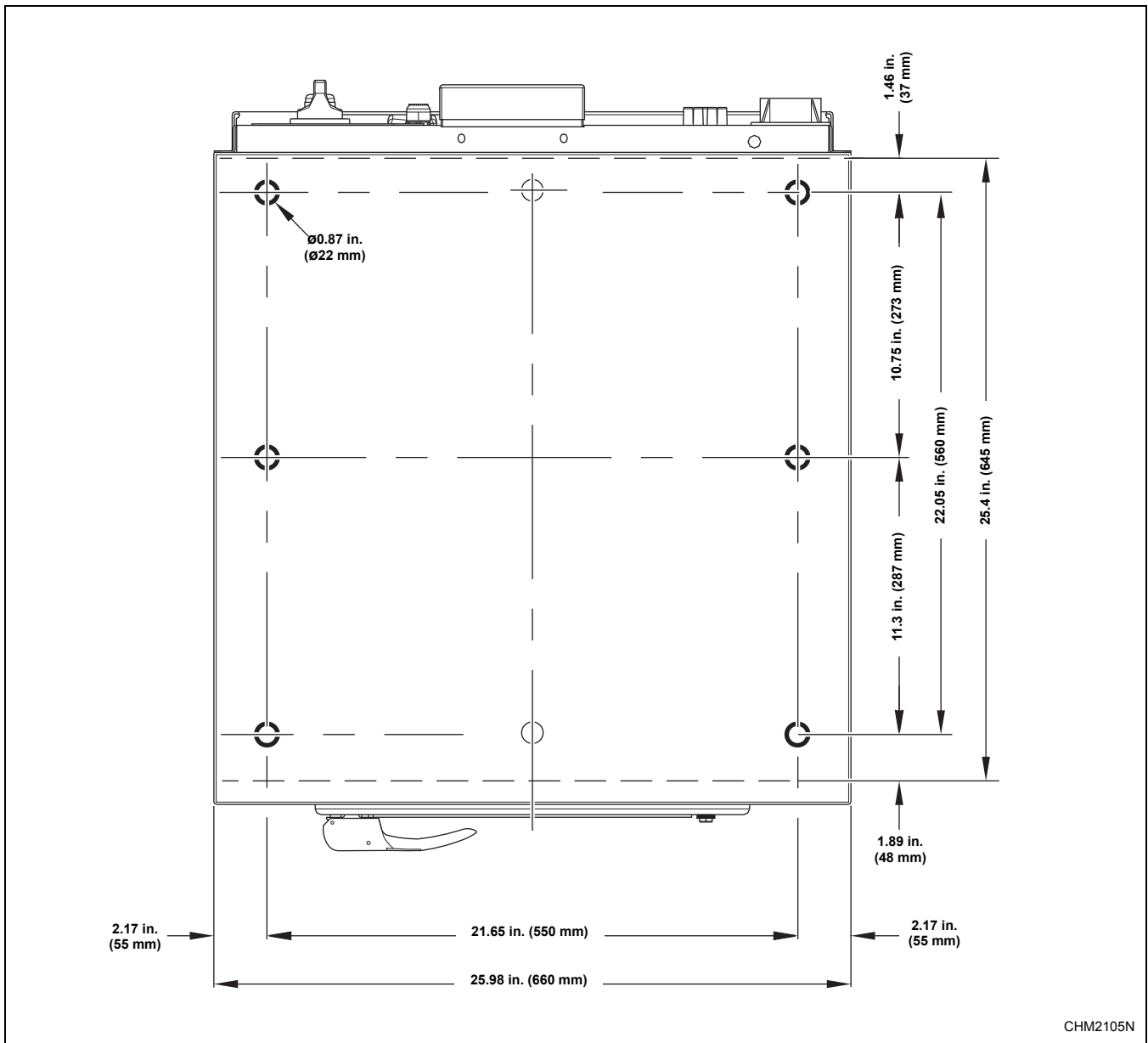



Figure 5

	WARNING
<p>Only trained personnel should perform this procedure. Use caution while servicing machines with covers removed and power applied.</p>	
W700	

Electrical Installation Requirements - Model IWF018 (2-speed)

					Boiler Fed/Steam Heat				Electric Heat				
Code	Voltage	Cycle	Phase	Wire	Full Load Amps	Recommended Circuit Breaker (US-market)		AWG/mm ²	kW Standard Heating Elements	Full Load Amps	Recommended Circuit Breaker (US-market)		AWG/mm ²
						US	NON-US				US	NON-US	
N	440-480	50/60	3	3+PE	1	10	6	14/2.5	3x2 kW	N/A	N/A	N/A	N/A
P	380-415	50/60	3	3+N+PE	1	10	6	14/2.5		11.9	15	16	14/2.5
Q	200-240	50/60	3	3+PE	2.5	10	6	14/2.5		18.9	25	20	14/2.5
X	200-240	50/60	1/3	2/3+PE	2.5	10	6	14/2.5		N/A	N/A	N/A	N/A
									Alternative Electric Heat Options				
N	440-480	50/60	3	3+PE					3x1.4 kW	N/A	N/A	N/A	N/A
P	380-415	50/60	3	3+N+PE						8.6	10	10	14/2.5
Q	200-240	50/60	3	3+PE						14	15	16	14/2.5
X	200-240	50/60	1/3	2/3+PE						N/A	N/A	N/A	N/A
N	440-480	50/60	3	3+PE					3x3 kW	N/A	N/A	N/A	N/A
P	380-415	50/60	3	3+N+PE						17.3	25	20	14/2.5
Q	200-240	50/60	3	3+PE						27.1	30	25	14/2.5
X	200-240	50/60	1/3	2/3+PE						N/A	N/A	N/A	N/A
N	440-480	50/60	3	3+PE					3x4 kW	19.8	25	20	14/2.5
P	380-415	50/60	3	3+N+PE						22.8	30	25	14/2.5
Q	200-240	50/60	3	3+PE						N/A	N/A	N/A	N/A
X	200-240	50/60	1/3	2/3+PE						N/A	N/A	N/A	N/A

Table 2

Washer-Extractors

Specifications and Dimensions - Model IWF025 (2-speed)

Capacity (dry weight) Ratio (kg/l)	
1:11	18.95 lb. (8.6 kg)
1:10	20.94 lb. (9.5 kg)
1:9	23.14 lb. (10.5 kg)
Cylinder	
Cylinder diameter, in. (mm)	20.86 (530)
Cylinder depth, in. (mm)	17.32 (440)
Cylinder volume, ft. ³ (l)	3.35 (95)
Cabinet	
Overall height, in. (mm)	40.98 (1041)
Overall width, in. (mm)	25.98 (660)
Overall depth, in. (mm)	35.31 (897)
Front Loading	
Door opening size, in. (mm)	11.81 (300)
Height of door bottom above floor, in (mm)	13.97 (355)
Height of door center above floor, in (mm)	20 (508)
Speed	
Wash	10-50 tr/min - RPM
Distribution	85 tr/min - RPM
Spin	525 tr/min - RPM
G-factor	
Spin	82
Motor (3 phase), 4p, 1470 tr/min	0.5 HP/0.37 kW
Drain Valve, in. (mm)	2 (51)
Water Supply (hard, soft, warm water), in. (mm)	.75 (19)
Direct Steam Heating	
Steam inlet connection size, in. (mm)	.38 (10)
Electrical	
Electrical Heating (230/400 V)	4.2 kW - 6kW - 9 kW
Electrical Heating (400V)	12 kW
Steam	Not Applicable
Warm Water (without additional heating)	Not Applicable
Warm Water (with additional heating)	Not Applicable
Packing Dimensions (height X width X depth), in. (mm)	45.66 X 28.74 X 37.40 (1170 X 730 X 950)
Weight	
Net weight, lb. (kg)	440.92 (200)
Gross weight, lb. (kg)	460.76 (209)

Machine Dimensions - Model IWF025 (2-speed)

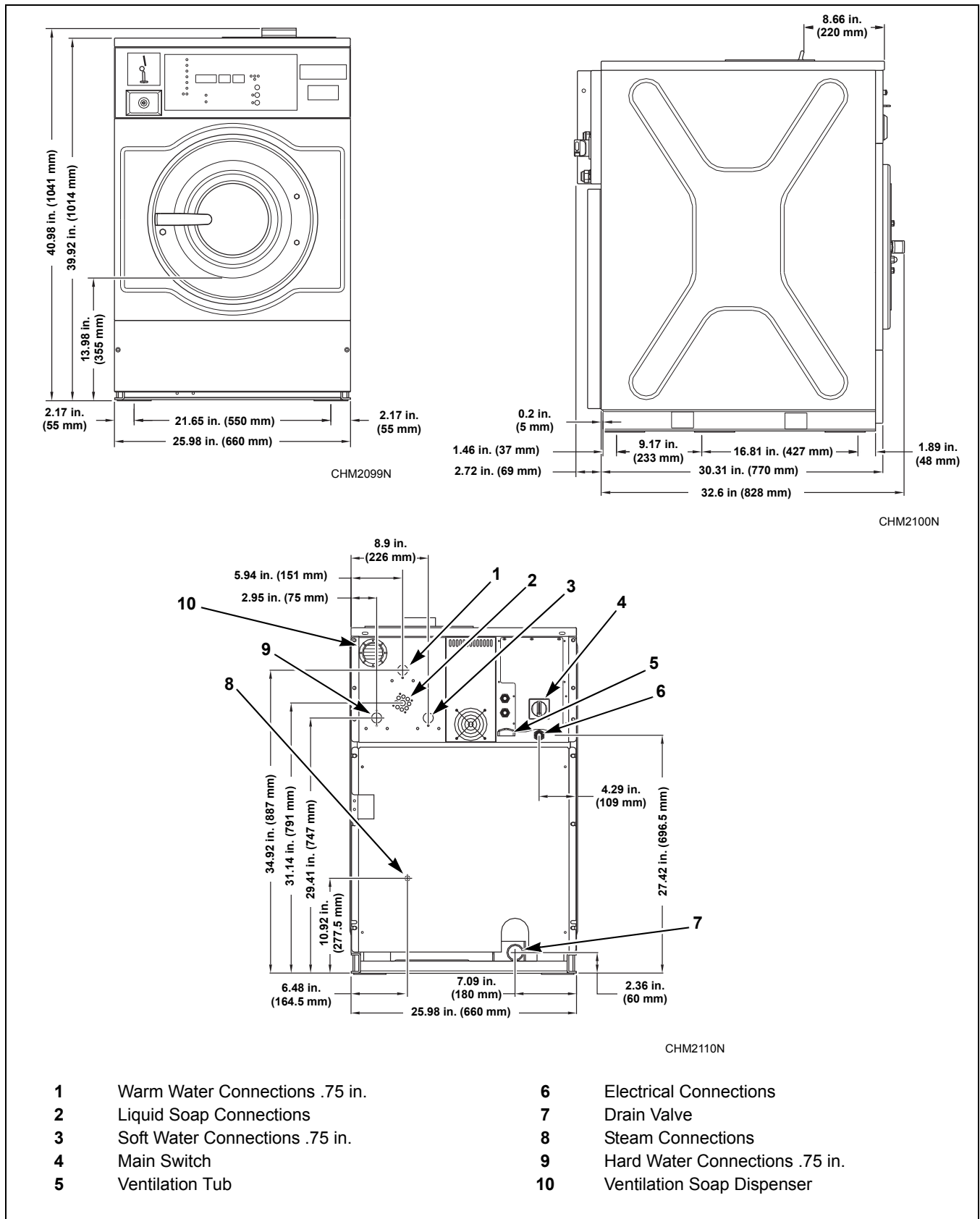


Figure 6

Mounting Bolt Hole Locations - Model IWF025 (2-speed)

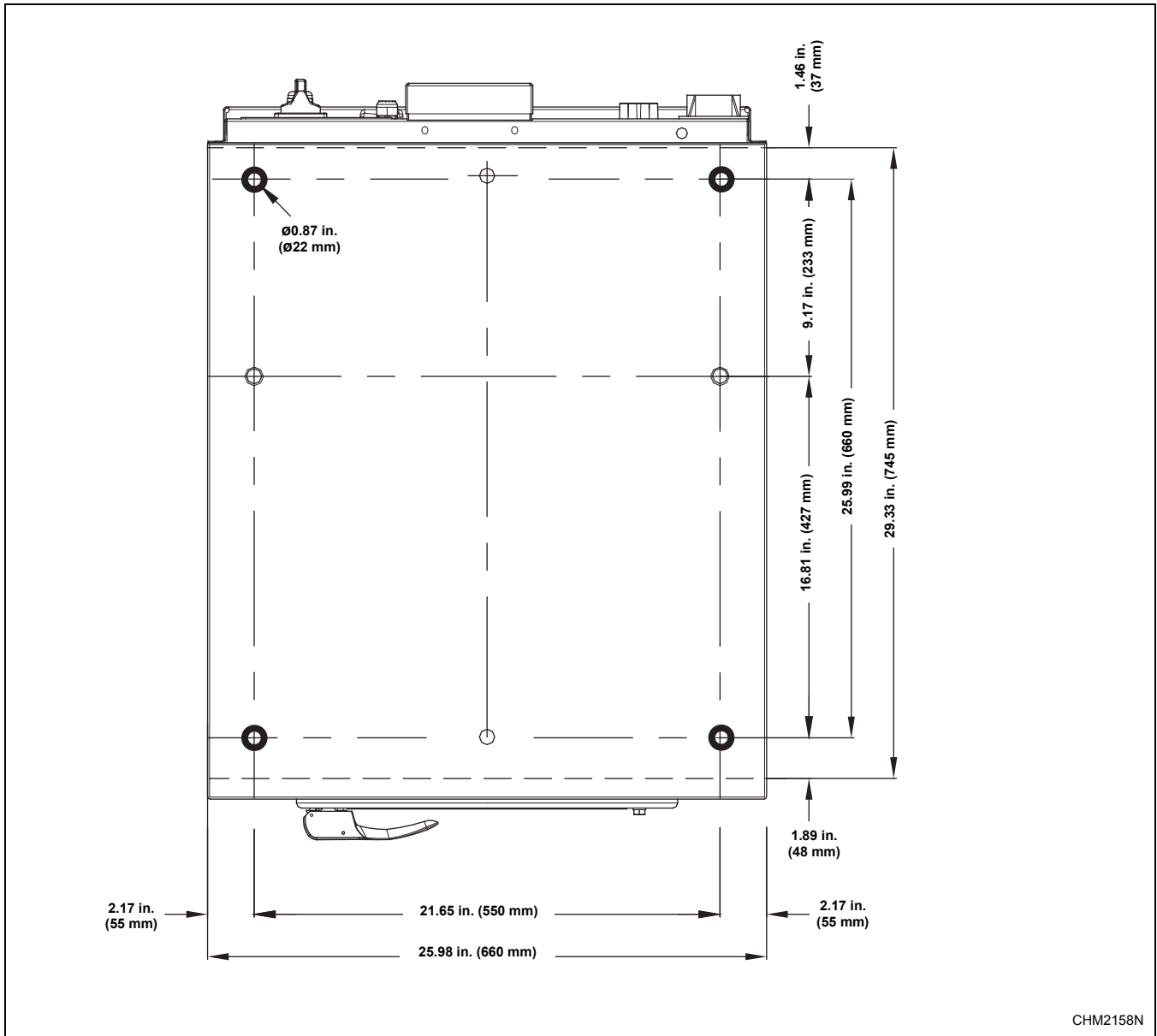



Figure 7

	WARNING
<p>Only trained personnel should perform this procedure. Use caution while servicing machines with covers removed and power applied.</p>	
W700	

Electrical Installation Requirements - Model IWF025 (2-speed)

					Boiler Fed/Steam Heat				Electric Heat							
Code	Voltage	Cycle	Phase	Wire	Full Load Amps	Recommended Circuit Breaker (US-market)		AWG/mm ²	kW Standard Heating Elements	Full Load Amps	Recommended Circuit Breaker (US-market)		AWG/mm ²			
						US	NON-US				US	NON-US				
N	440-480	50/60	3	3+PE	1	10	6	14/2.5	3x3 kW	N/A	N/A	N/A	N/A			
P	380-415	50/60	3	3+N+PE	1	10	6	14/2.5		17.3	25	20	14/2.5			
Q	200-240	50/60	3	3+PE	2.5	10	6	14/2.5		27.1	30	25	14/2.5			
X	200-240	50/60	1/3	2/3+PE	2.5	10	6	14/2.5		N/A	N/A	N/A	N/A			
									Alternative Electric Heat Options							
N	440-480	50/60	3	3+PE					3x1.4 kW	N/A	N/A	N/A	N/A			
P	380-415	50/60	3	3+N+PE						8.6	10	10	14/2.5			
Q	200-240	50/60	3	3+PE						14	15	16	14/2.5			
X	200-240	50/60	1/3	2/3+PE						N/A	N/A	N/A	N/A			
N	440-480	50/60	3	3+PE					3x2 kW				N/A	N/A	N/A	N/A
P	380-415	50/60	3	3+N+PE									11.9	15	16	14/2.5
Q	200-240	50/60	3	3+PE									18.9	25	20	14/2.5
X	200-240	50/60	1/3	2/3+PE									N/A	N/A	N/A	N/A
N	440-480	50/60	3	3+PE					3x4 kW				19.8	25	20	14/2.5
P	380-415	50/60	3	3+N+PE									22.8	30	25	14/2.5
Q	200-240	50/60	3	3+PE									N/A	N/A	N/A	N/A
X	200-240	50/60	1/3	2/3+PE									N/A	N/A	N/A	N/A

Table 3

Washer-Extractors

Specifications and Dimensions - Models IWF030 (2-speed)

Capacity (dry weight) Ratio (kg/l)	
1:11	26.45 lb. (12 kg)
1:10	29.10 lb. (13.2 kg)
1:9	31.96 lb. (14.5 kg)
Cylinder	
Cylinder diameter, in. (mm)	25.59 (650)
Cylinder depth, in. (mm)	17.74 (400)
Cylinder volume, ft. ³ (l)	4.66 (132)
Cabinet	
Overall height, in. (mm)	47.40 (1204)
Overall width, in. (mm)	30.70 (780)
Overall depth, in. (mm)	33.14 (842)
Front Loading	
Door opening size, in. (mm)	11.81 (300)
Height of door bottom above floor, in (mm)	17.91 (455)
Height of door center above floor, in (mm)	23.85 (606)
Speed	
Wash	10-50 tr/min - RPM
Distribution	85 tr/min - RPM
Spin	475 tr/min - RPM
G-factor	
Spin	82
Motor (3 phase), 4p, 1470 tr/min	1 HP/0.75 kW
Drain Valve, in. (mm)	2 (51)
Water Supply (hard, soft, warm water), in. (mm)	.75 (19)
Direct Steam Heating	
Steam inlet connection size, in. (mm)	.38 (10)
Electrical	
Electrical Heating (230/400 V)	12 kW - 15 kW - 18 kW
Electrical Heating (400V)	Not Applicable
Steam	Not Applicable
Warm Water (without additional heating)	Not Applicable
Warm Water (with additional heating)	Not Applicable
Packing Dimensions (height X width X depth), in. (mm)	52.75 X 33.38 X 37.40 (1340 X 848 X 950)
Weight	
Net weight, lb. (kg)	617.29 (280)
Gross weight, lb. (kg)	645.95 (293)

Machine Dimensions - Model IWF030 (2-speed)

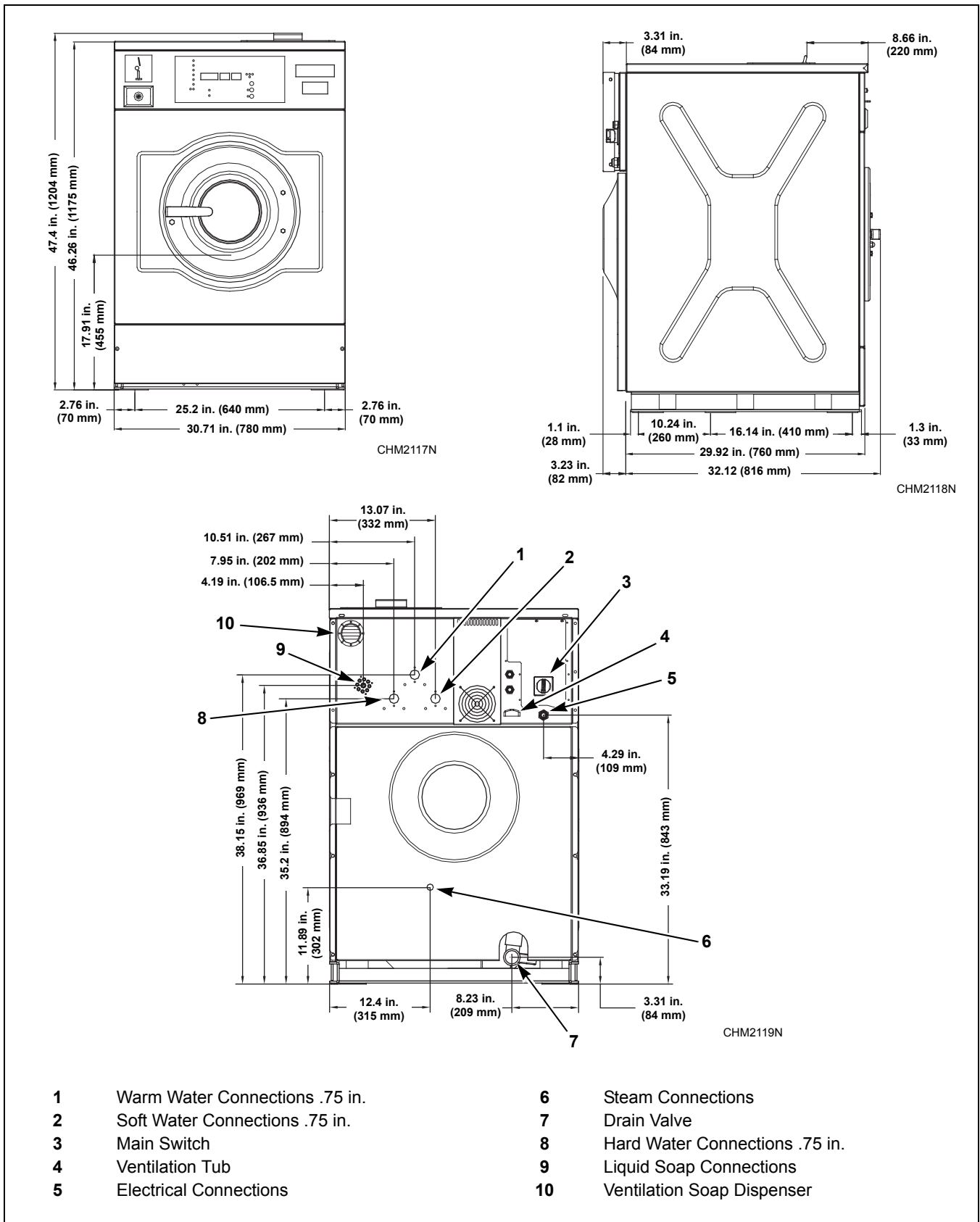


Figure 8

Washer-Extractors

Mounting Bolt Hole Locations - Model IWF030 (2-speed)

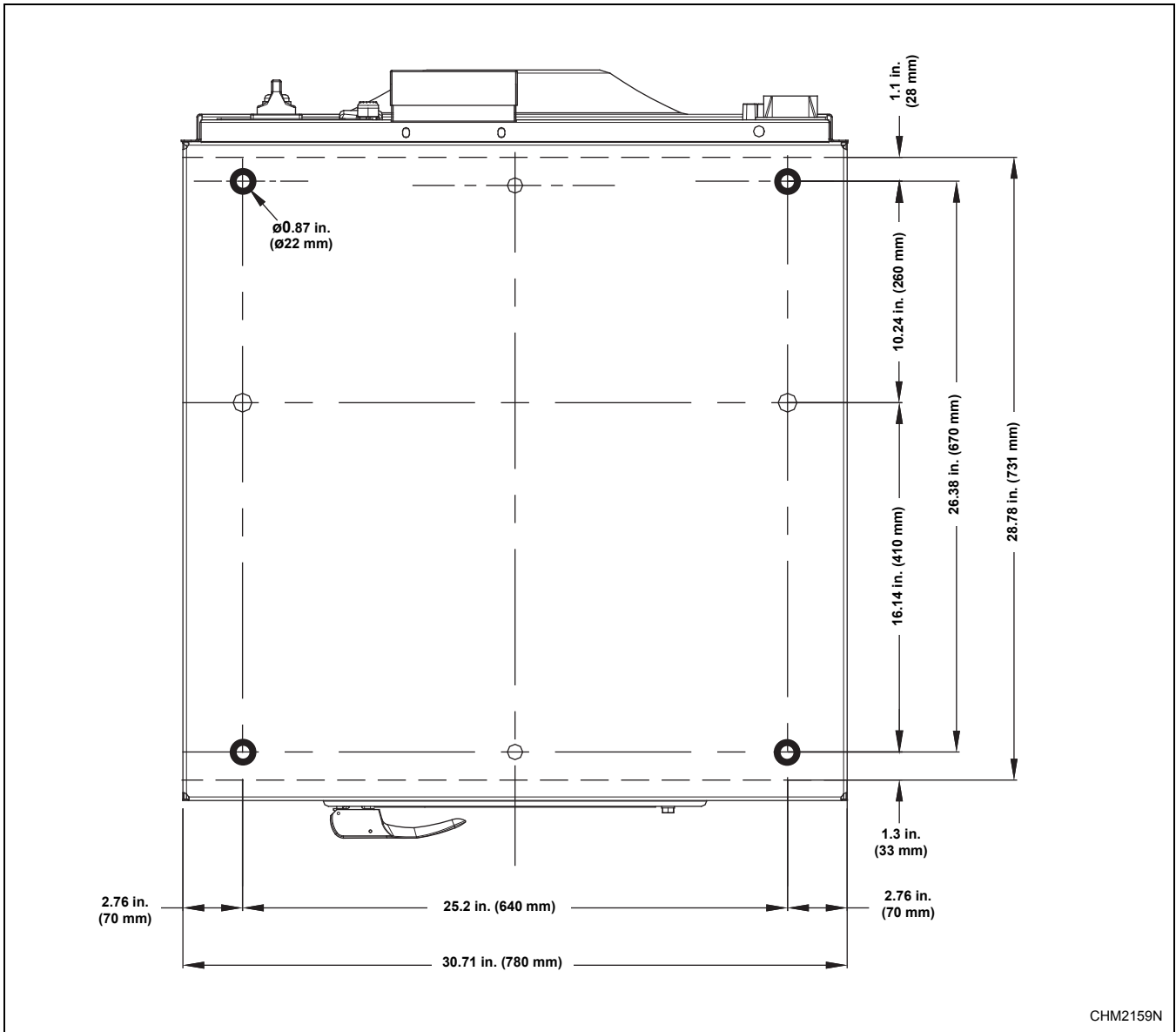



Figure 9

	WARNING
<p>Only trained personnel should perform this procedure. Use caution while servicing machines with covers removed and power applied.</p>	
W700	


Electrical Installation Requirements - Model IWF030 (2-speed)

					Boiler Fed/Steam Heat				Electric Heat								
Code	Voltage	Cycle	Phase	Wire	Full Load Amps	Recommended Circuit Breaker (US-market)		AWG/mm ²	kW Standard Heating Elements	Full Load Amps	Recommended Circuit Breaker (US-market)		AWG/mm ²				
						US	NON-US				US	NON-US					
N	440-480	50/60	3	3+PE	1	10	6	14/2.5	6x2 kW	19.8	25	20	14/2.5				
P	380-415	50/60	3	3+N+PE	1	10	6	14/2.5		22.8	30	25	14/2.5				
Q	200-240	50/60	3	3+PE	2.5	10	6	14/2.5		35.3	40	40	12/4.0				
X	200-240	50/60	1/3	2/3+PE	2.5	10	6	14/2.5		N/A	N/A	N/A	N/A				
									Alternative Electric Heat Options								
N	440-480	50/60	3	3+PE					3x3 kW + 3x2 kW	24.5	30	25	14/2.5				
P	380-415	50/60	3	3+N+PE						28.2	40	32	12/2.5				
Q	200-240	50/60	3	3+PE						43.5	40	50	12/4.0				
X	200-240	50/60	1/3	2/3+PE						N/A	N/A	N/A	N/A				
N	440-480	50/60	3	3+PE									6x3 kW	29.2	40	32	12/4.0
P	380-415	50/60	3	3+N+PE										33.7	40	40	12/4.0
Q	200-240	50/60	3	3+PE										51.8	50	63	10/6.0
X	200-240	50/60	1/3	2/3+PE										N/A	N/A	N/A	N/A

Table 4

Installation

Models IWF014, IWF018, IWF025 and IWF030 (2-speed)

	<h3>CAUTION</h3>
<p>Ensure that the machine is installed on a level floor of sufficient strength and that the recommended clearances for inspection and maintenance are provided. Never allow the inspection and maintenance space to be blocked.</p>	
<small>SW020</small>	

Surface

The machine must be securely fixed on a flat surface (metal base, concrete or solid ground). The anchoring is to be done on the 4 provided places in the holes on the corners of the base. (See Mounting Bolt Hole Locations). Refer to *Figure 10*.

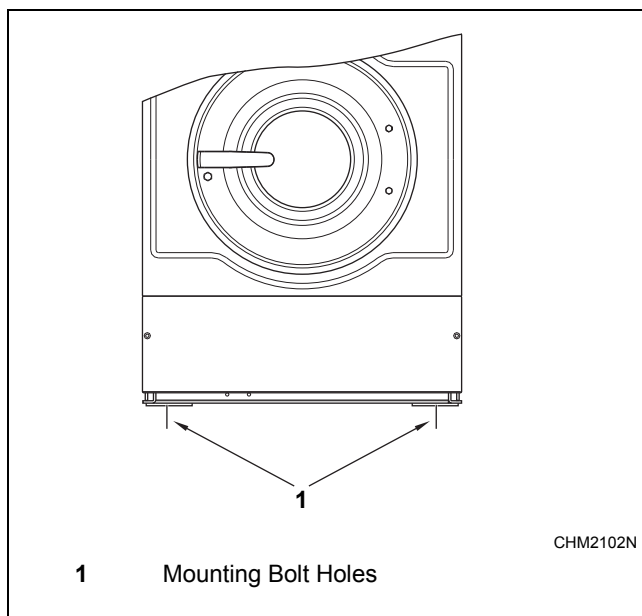


Figure 10

The machine must be placed entirely level. For easy maintenance it is recommended to keep a minimal distance of 23.62 in. (600 mm) between the wall and the back of the machine.

If several machines are placed next to each other, there should be a minimal distance of 1.18 in. (30 mm) between each machine.

Anchoring to Metal Base

The machines must be fixed on a metal base which is securely anchored on a concrete base. Refer to *Figure 11*.

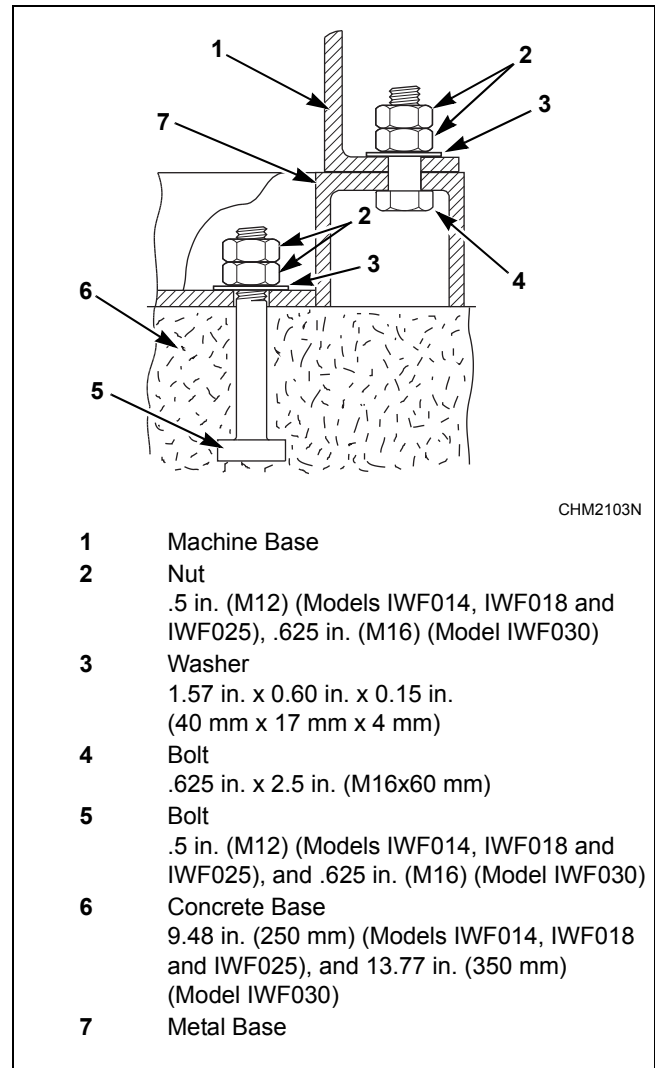


Figure 11

Directly to Concrete Base

The machine must be anchored directly to concrete base. Refer to *Figure 12*.

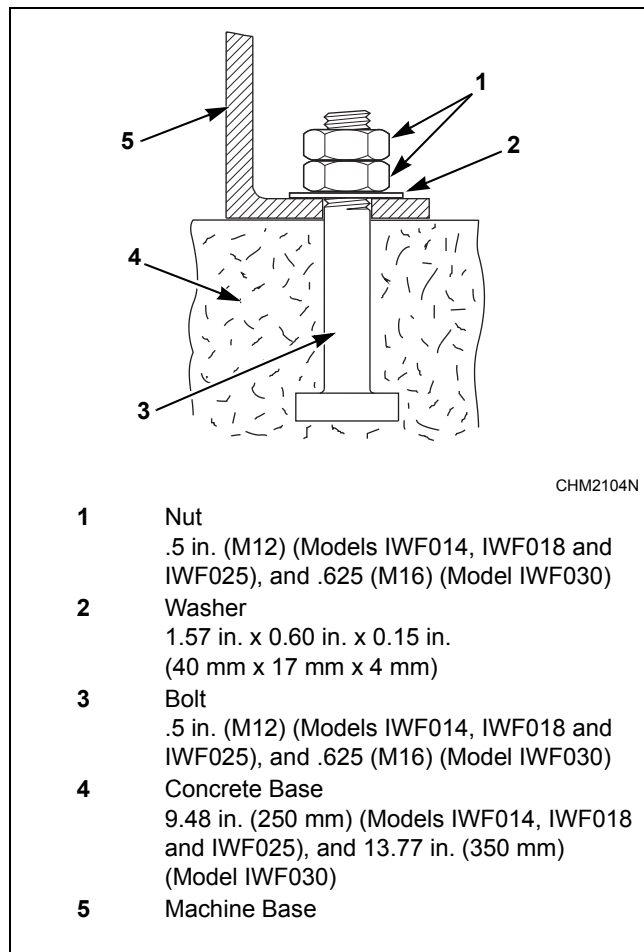


Figure 12

IMPORTANT: Machine bolts should be re-checked on a quarterly basis.

Washer-Extractors

Specifications and Dimensions - Models IWF033 (2-speed)

Capacity (dry weight) Ratio (kg/l)	
1:11	28.88 lb. (13.1 kg)
1:10	31.96 lb. (14.5 kg)
1:9	35.49 lb. (16.1 kg)
Cylinder	
Cylinder diameter, in. (mm)	26.77 (680)
Cylinder depth, in. (mm)	17.74 (400)
Cylinder volume, ft. ³ (l)	5.12 (145)
Cabinet	
Overall height, in. (mm)	47.40 (1204)
Overall width, in. (mm)	30.70 (780)
Overall depth, in. (mm)	33.14 (842)
Front Loading	
Door opening size, in. (mm)	15.74 (400)
Height of door bottom above floor, in (mm)	15.35 (390)
Height of door center above floor, in (mm)	23.22 (590)
Speed	
Wash	10-50 tr/min - RPM
Distribution	85 tr/min - RPM
Spin	465 tr/min - RPM
G-factor	
Spin	82
Motor (3 phase), 4p, 1470 tr/min	1.47 HP/1.1 kW
Drain Valve, in. (mm)	2 (51)
Water Supply (hard, soft, warm water), in. (mm)	.75 (19)
Direct Steam Heating	
Steam inlet connection size, in. (mm)	.38 (10)
Electrical	
Electrical Heating (230/400 V)	12 kW - 15 kW - 18 kW
Electrical Heating (400V)	21 kW - 24 kW
Steam	Not Applicable
Warm Water (without additional heating)	Not Applicable
Warm Water (with additional heating)	Not Applicable
Packing Dimensions (height X width X depth), in. (mm)	52.75 X 33.38 X 36.22 (1340 X 848 X 920)
Weight	
Net weight, lb. (kg)	674.61 (306)
Gross weight, lb. (kg)	723.11 (328)

Machine Dimensions - Model IWF033 (2-speed)

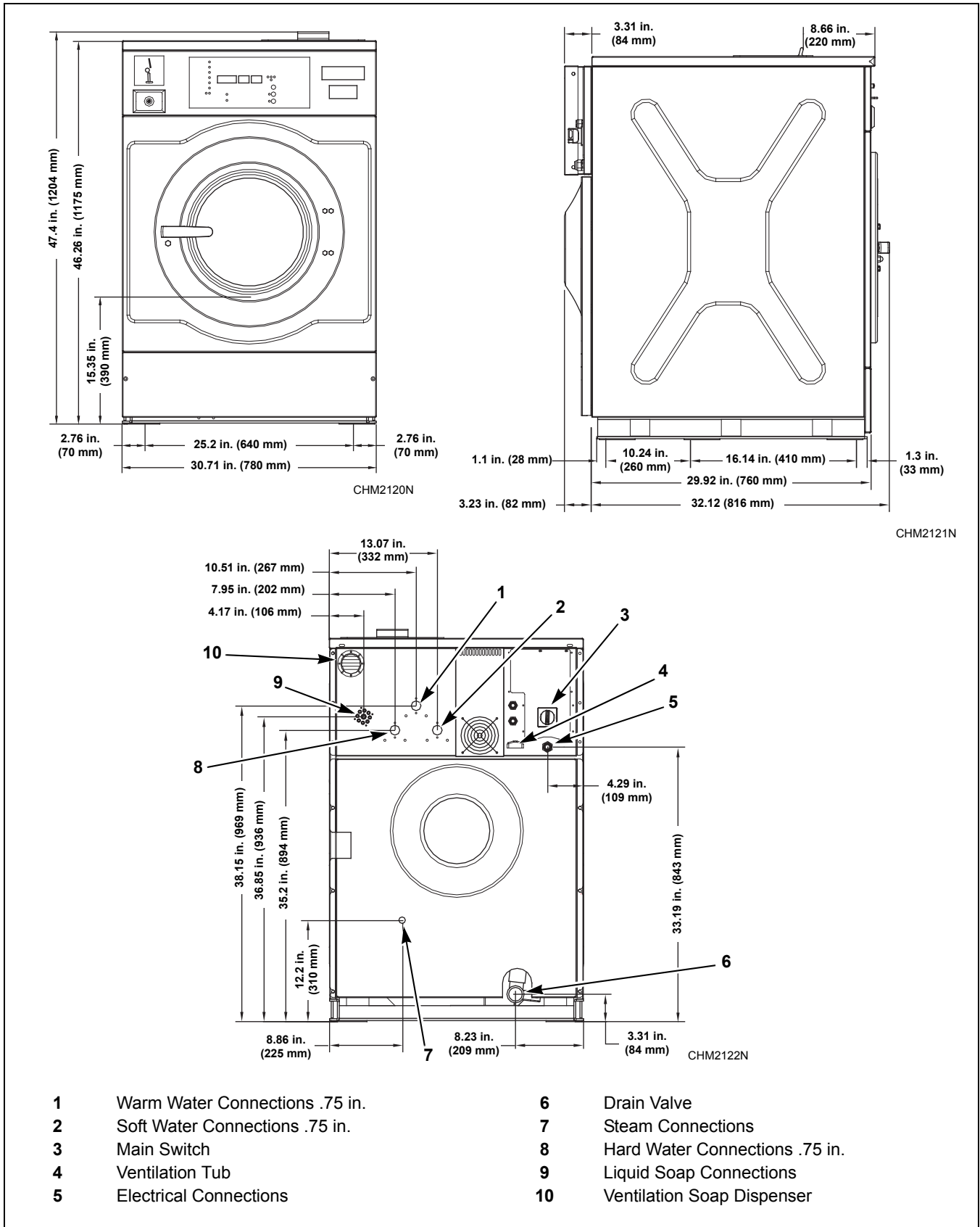


Figure 13

Mounting Bolt Hole Locations - Model IWF033 (2-speed)

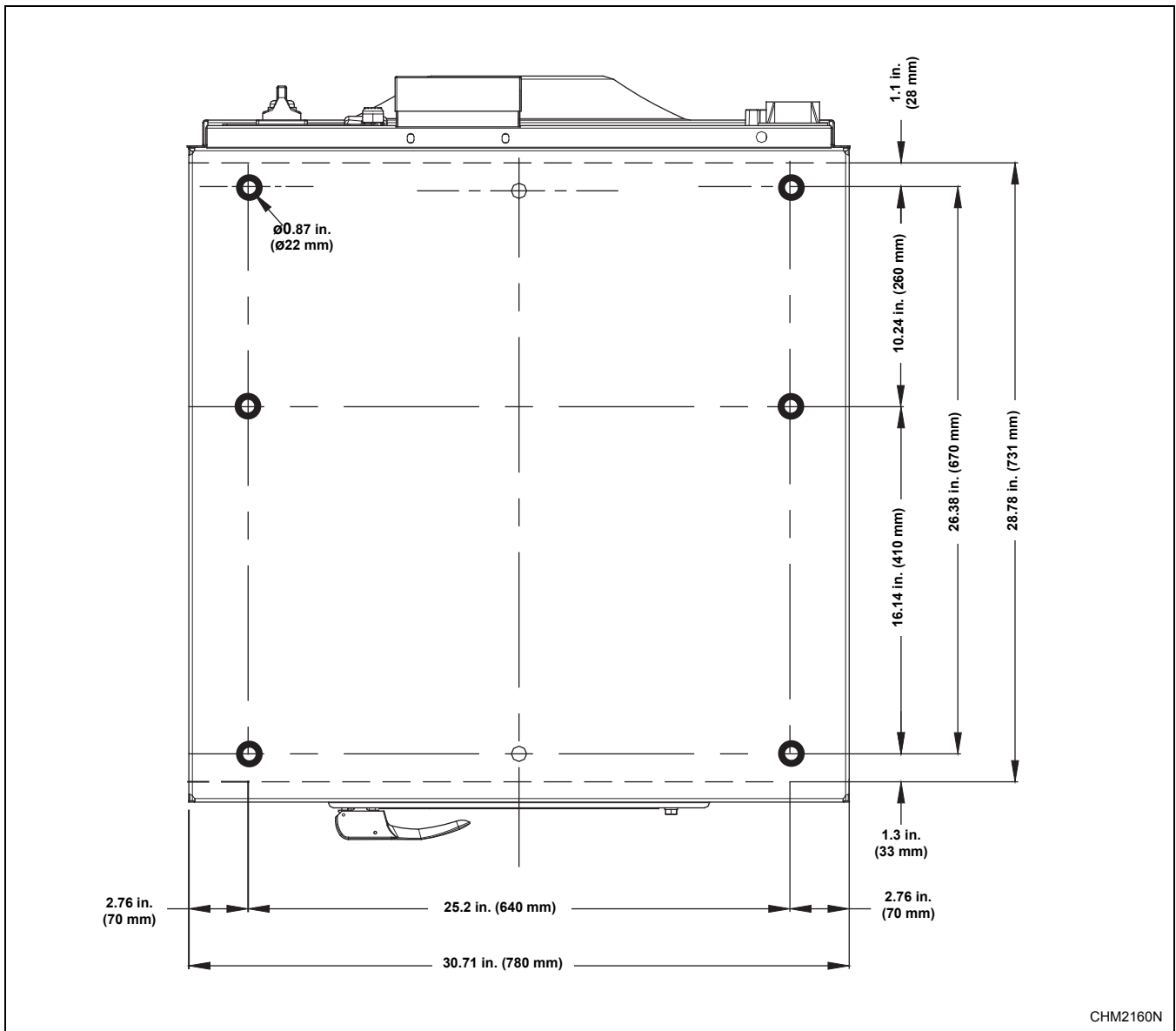



Figure 14

CHM2160N

	<h2 style="margin: 0;">WARNING</h2>
<p>Only trained personnel should perform this procedure. Use caution while servicing machines with covers removed and power applied.</p>	
W700	

Electrical Installation Requirements - Model IWF033 (2-speed)

					Boiler Fed/Steam Heat			Electric Heat					
Code	Voltage	Cycle	Phase	Wire	Full Load Amps	Recommended Circuit Breaker (US-market)		AWG/mm ²	kW Standard Heating Elements	Full Load Amps	Recommended Circuit Breaker (US-market)		AWG/mm ²
						US	NON-US				US	NON-US	
N	440-480	50/60	3	3+PE	4	10	10	14/2.5	6x3 kW	30	40	40	8/10.0
P	380-415	50/60	3	3+N+PE	12	15	16	14/2.5		38	50	50	8/10.0
Q	200-240	50/60	3	3+PE	12	15	16	14/2.5		57	70	70	4/25.0
X	200-240	50/60	1/3	2/3+PE	12	15	16	14/2.5		N/A	N/A	N/A	N/A
									Alternative Electric Heat Options				
N	440-480	50/60	3	3+PE				3x3 kW + 3x2 kW	26	30	30	10/6.0	
P	380-415	50/60	3	3+N+PE		34	40		40	8/10.0			
Q	200-240	50/60	3	3+PE		50	60		60	6/16.0			
X	200-240	50/60	1/3	2/3+PE		N/A	N/A		N/A	N/A			
N	440-480	50/60	3	3+PE				3x3 kW + 3x4 kW	34	40	40	8/10.0	
P	380-415	50/60	3	3+N+PE		53	60		60	6/16.0			
Q	200-240	50/60	3	3+PE		N/A	N/A		N/A	N/A			
X	200-240	50/60	1/3	2/3+PE		N/A	N/A		N/A	N/A			
N	440-480	50/60	3	3+PE				6x2 kW	21	30	30	10/6.0	
P	380-415	50/60	3	3+N+PE		30	40		40	8/10.0			
Q	200-240	50/60	3	3+PE		42	50		50	8/10.0			
X	200-240	50/60	1/3	2/3+PE		N/A	N/A		N/A	N/A			
N	440-480	50/60	3	3+PE				6x4 kW	39	50	50	8/10.0	
P	380-415	50/60	3	3+N+PE		47	60		60	6/16.0			
Q	200-240	50/60	3	3+PE		N/A	N/A		N/A	N/A			
X	200-240	50/60	1/3	2/3+PE		N/A	N/A		N/A	N/A			

Table 5

Washer-Extractors

Specifications and Dimensions - Model IWF040 (2-speed)

Capacity (dry weight) Ratio (kg/l)	
1:11	36.15 lb. (16.4 kg)
1:10	39.90 lb. (18.1 kg)
1:9	44.31 lb. (20.1 kg)
Cylinder	
Cylinder diameter, in. (mm)	26.77 (680)
Cylinder depth, in. (mm)	19.68 (500)
Cylinder volume, ft. ³ (l)	6.39 (181)
Cabinet	
Overall height, in. (mm)	47.40 (1204)
Overall width, in. (mm)	30.70 (780)
Overall depth, in. (mm)	37.08 (942)
Front Loading	
Door opening size, in. (mm)	15.74 (400)
Height of door bottom above floor, in (mm)	15.35 (390)
Height of door center above floor, in (mm)	23.22 (590)
Speed	
Wash	10-50 tr/min - RPM
Distribution	85 tr/min - RPM
Spin	465 tr/min - RPM
G-factor	
Spin	82
Motor (3 phase), 4p, 1470 tr/min	1.47 HP/1.1 kW
Drain Valve, in. (mm)	2 (51) or 3 (76)
Water Supply (hard, soft, warm water), in. (mm)	.75 (19)
Direct Steam Heating	
Steam inlet connection size, in. (mm)	.38 (10)
Electrical	
Electrical Heating (230/400 V)	12 kW - 15 kW - 18 kW
Electrical Heating (400V)	21 kW - 24 kW
Steam	Not Applicable
Warm Water (without additional heating)	Not Applicable
Warm Water (with additional heating)	Not Applicable
Packing Dimensions (height X width X depth), in. (mm)	52.75 X 33.38 X 40.15 (1340 X 848 X 1020)
Weight	
Net weight, lb. (kg)	707.68 (321)
Gross weight, lb. (kg)	758.39 (344)

Machine Dimensions - Model IWF040 (2-speed)

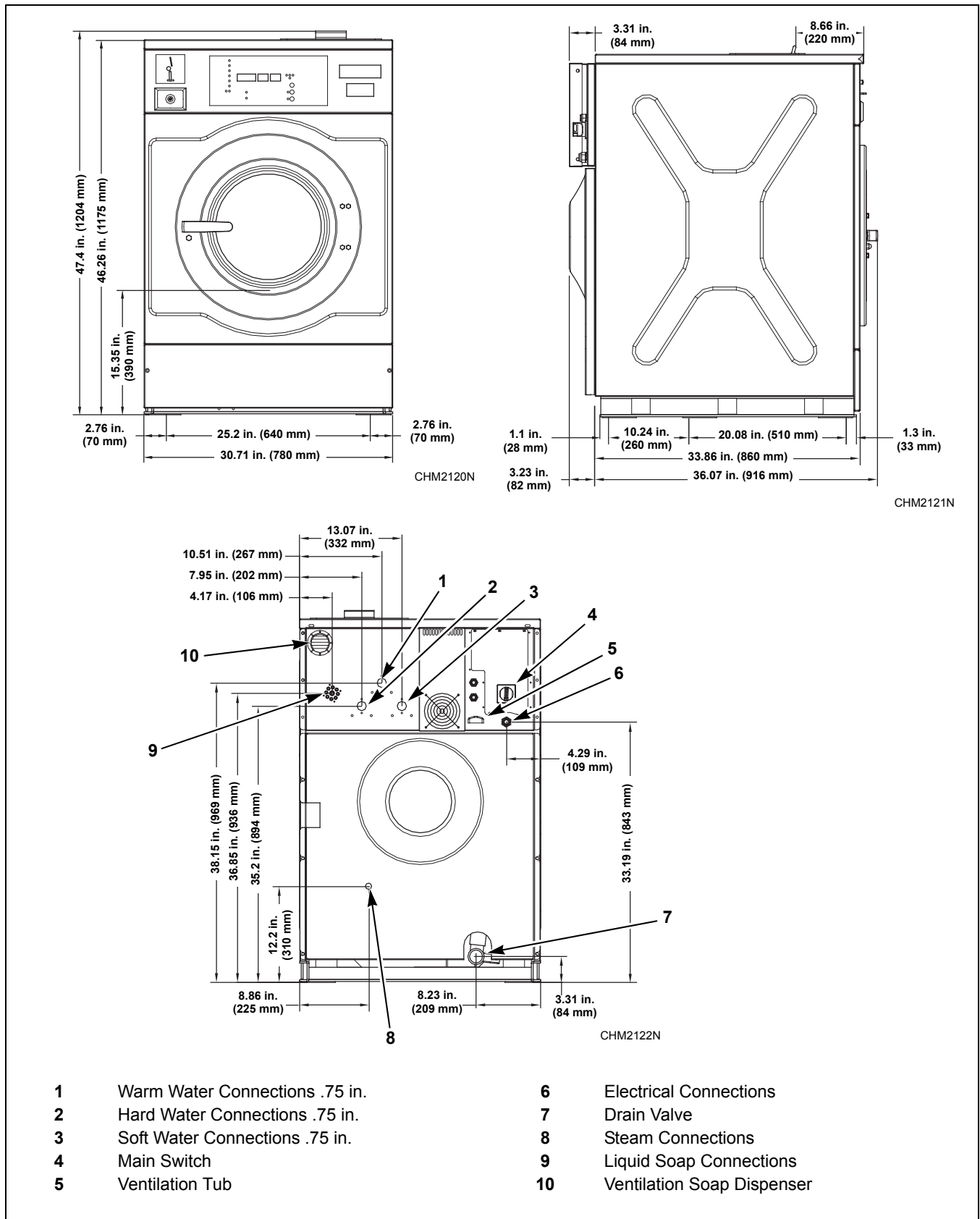


Figure 15

Mounting Bolt Hole Locations - Model IWF040 (2-speed)

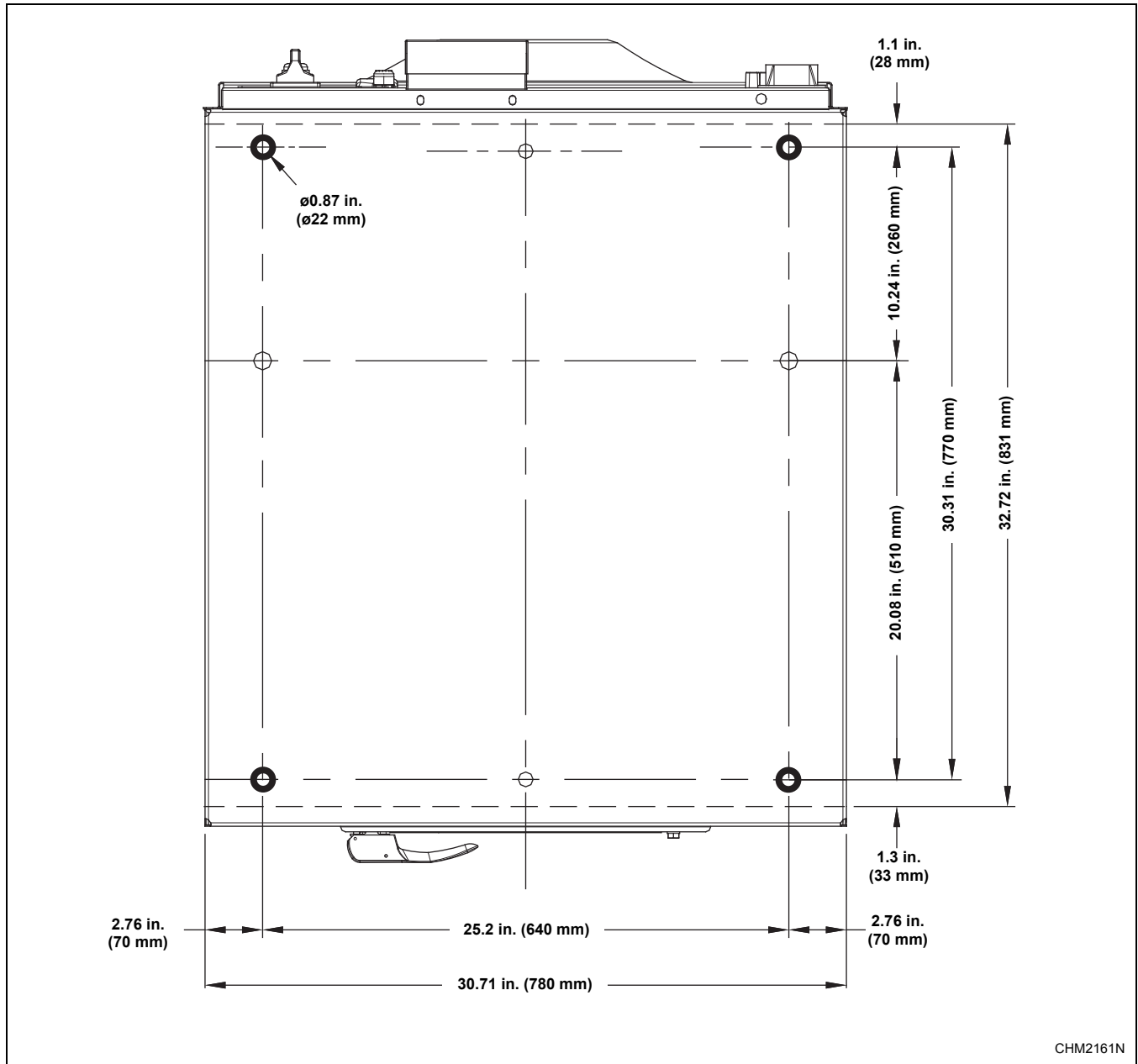



Figure 16

	WARNING
<p>Only trained personnel should perform this procedure. Use caution while servicing machines with covers removed and power applied.</p>	
W700	

Electrical Installation Requirements - Model IWF040 (2-speed)

Code	Voltage	Cycle	Phase	Wire	Boiler Fed/Steam Heat				Electric Heat				
					Full Load Amps	Recommended Circuit Breaker (US-market)		AWG/mm ²	kW Standard Heating Elements	Full Load Amps	Recommended Circuit Breaker (US-market)		AWG/mm ²
						US	NON-US				US	NON-US	
N	440-480	50/60	3	3+PE	4	10	10	14/2.5	6x3 kW	30	40	40	8/10.0
P	380-415	50/60	3	3+N+PE	12	15	16	14/2.5		38	50	50	8/10.0
Q	200-240	50/60	3	3+PE	12	15	16	14/2.5		57	70	70	4/25.0
X	200-240	50/60	1/3	2/3+PE	12	15	16	14/2.5		N/A	N/A	N/A	N/A
									Alternative Electric Heat Options				
N	440-480	50/60	3	3+PE		3x3 kW + 3x2 kW	26	30	30	10/6.0			
P	380-415	50/60	3	3+N+PE			34	40	40	8/10.0			
Q	200-240	50/60	3	3+PE			50	60	60	6/16.0			
X	200-240	50/60	1/3	2/3+PE			50	60	60	6/16.0			
N	440-480	50/60	3	3+PE		3x3 kW + 3x4 kW	34	40	40	8/10.0			
P	380-415	50/60	3	3+N+PE			53	60	60	6/16.0			
Q	200-240	50/60	3	3+PE			N/A	N/A	N/A	N/A			
X	200-240	50/60	1/3	2/3+PE			N/A	N/A	N/A	N/A			
N	440-480	50/60	3	3+PE		6x2 kW	21	30	30	10/6.0			
P	380-415	50/60	3	3+N+PE			30	40	40	8/10.0			
Q	200-240	50/60	3	3+PE			42	50	50	8/10.0			
X	200-240	50/60	1/3	2/3+PE			N/A	N/A	N/A	N/A			
N	440-480	50/60	3	3+PE		6x4 kW	39	50	50	8/10.0			
P	380-415	50/60	3	3+N+PE			47	60	60	6/16.0			
Q	200-240	50/60	3	3+PE			N/A	N/A	N/A	N/A			
X	200-240	50/60	1/3	2/3+PE			N/A	N/A	N/A	N/A			

Table 6

Washer-Extractors

Specifications and Dimensions - Model IWF055 (2-speed)

Capacity (dry weight) Ratio (kg/l)	
1:11	46.95 lb. (21.3 kg)
1:10	51.58 lb. (23.4 kg)
1:9	57.32 lb. (26 kg)
Cylinder	
Cylinder diameter, in. (mm)	29.52 (750)
Cylinder depth, in. (mm)	20.86 (530)
Cylinder volume, ft. ³ (l)	8.26 (234)
Cabinet	
Overall height, in. (mm)	54.17 (1376)
Overall width, in. (mm)	33.85 (860)
Overall depth, in. (mm)	41.25 (1048)
Front Loading	
Door opening size, in. (mm)	15.74 (400)
Height of door bottom above floor, in (mm)	19.68 (500)
Height of door center above floor, in (mm)	27.55 (700)
Speed	
Wash	10-50 tr/min - RPM
Distribution	85 tr/min - RPM
Spin	445 tr/min - RPM
G-factor	
Spin	82
Motor (3 phase), 4p, 1470 tr/min	2 HP/1.5 kW
Drain Valve, in. (mm)	3 (76)
Water Supply (hard, soft, warm water), in. (mm)	.75 (19)
Direct Steam Heating	
Steam inlet connection size, in. (mm)	.5 (13)
Electrical	
Electrical Heating (230/400 V)	12 kW - 15 kW - 18 kW
Electrical Heating (400V)	21 kW - 24 kW
Steam	Not Applicable
Warm Water (without additional heating)	Not Applicable
Warm Water (with additional heating)	Not Applicable
Packing Dimensions (height X width X depth), in. (mm)	61.41 X 38.58 X 44.88 (1560 X 980 X 1140)
Weight	
Net weight, lb. (kg)	844.37 (383)
Gross weight, lb. (kg)	954.60 (433)

Machine Dimensions - Model IWF055 (2-speed)

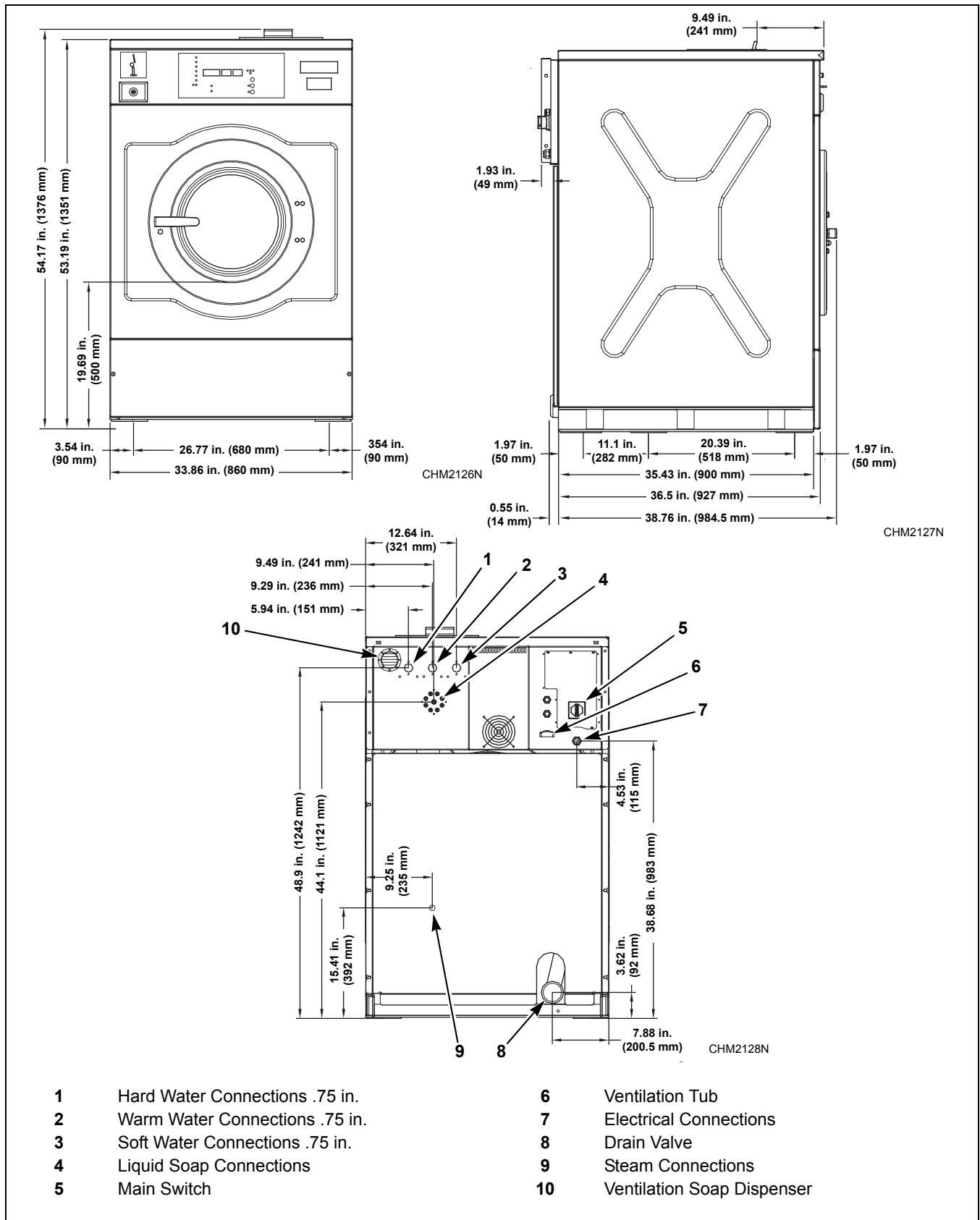


Figure 17

Mounting Bolt Hole Locations - Model IWF055 (2-speed)

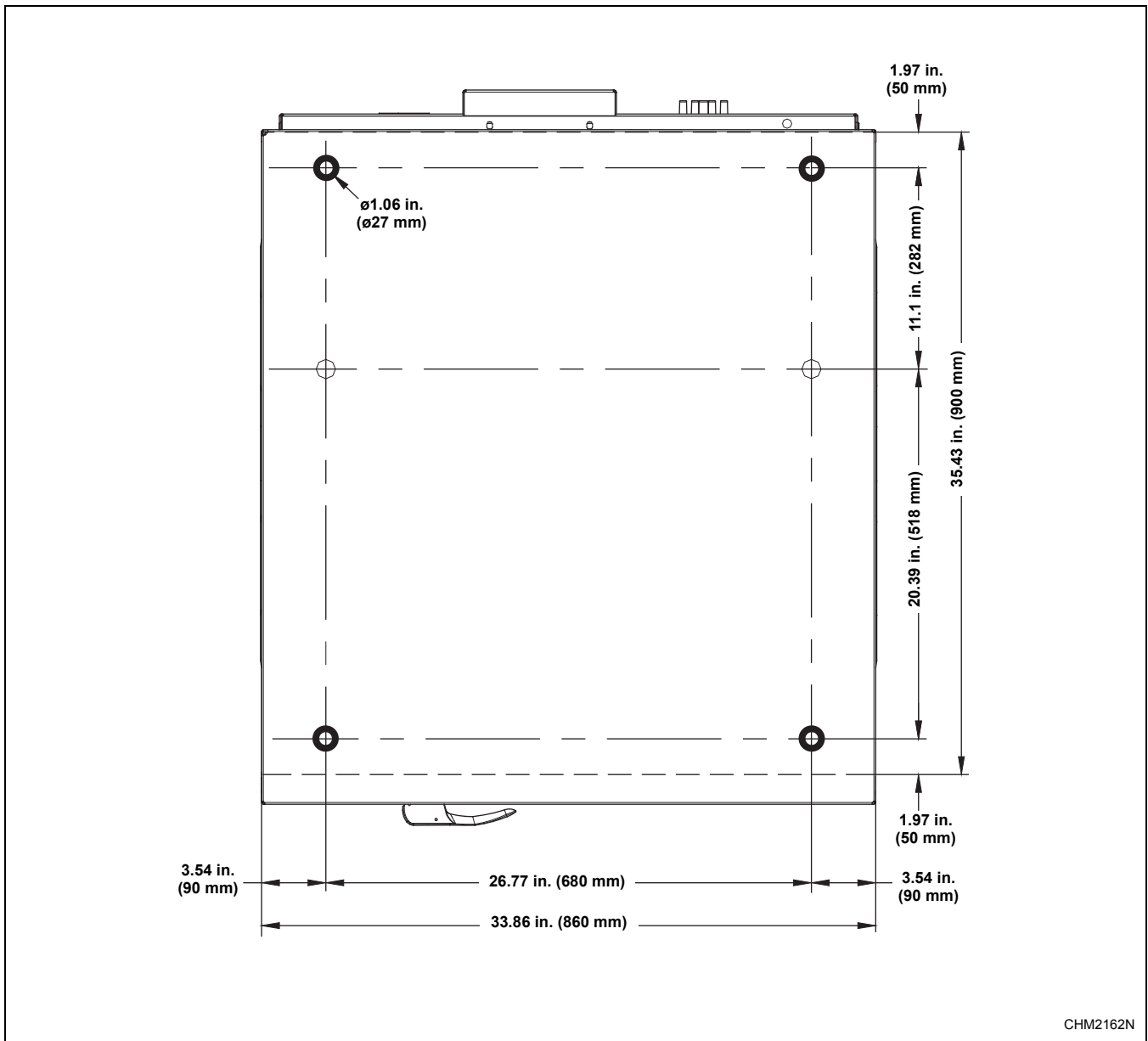



Figure 18

	WARNING
<p>Only trained personnel should perform this procedure. Use caution while servicing machines with covers removed and power applied.</p>	
W700	

Electrical Installation Requirements - Model IWF055 (2-speed)

Code	Voltage	Cycle	Phase	Wire	Boiler Fed/Steam Heat				Electric Heat				
					Full Load Amps	Recommended Circuit Breaker (US-market)		AWG/mm ²	kW Standard Heating Elements	Full Load Amps	Recommended Circuit Breaker (US-market)		AWG/mm ²
						US	NON-US				US	NON-US	
N	440-480	50/60	3	3+PE	6	15	10	14/2.5	6x3 kW	32	40	40	8/10.0
P	380-415	50/60	3	3+N+PE	16	20	20	12/4.0		43	50	50	8/10.0
Q	200-240	50/60	3	3+PE	16	20	20	12/4.0		62	70	70	4/25.0
X	200-240	50/60	1/3	2/3+PE	16	20	20	12/4.0		N/A	N/A	N/A	N/A
									Alternative Electric Heat Options				
N	440-480	50/60	3	3+PE				3x3 kW + 3x2 kW	27	30	32	10/6.0	
P	380-415	50/60	3	3+N+PE		40	50		50	8/10.0			
Q	200-240	50/60	3	3+PE		56	60		60	6/16.0			
X	200-240	50/60	1/3	2/3+PE		N/A	N/A		N/A	N/A			
N	440-480	50/60	3	3+PE				3x3 kW + 3x4 kW	36	40	40	8/10.0	
P	380-415	50/60	3	3+N+PE		48	50		50	8/10.0			
Q	200-240	50/60	3	3+PE		N/A	N/A		N/A	N/A			
X	200-240	50/60	1/3	2/3+PE		N/A	N/A		N/A	N/A			
N	440-480	50/60	3	3+PE				6x2 kW	23	30	25	10/6.0	
P	380-415	50/60	3	3+N+PE		35	40		40	8/10.0			
Q	200-240	50/60	3	3+PE		48	50		50	8/10.0			
X	200-240	50/60	1/3	2/3+PE		N/A	N/A		N/A	N/A			
N	440-480	50/60	3	3+PE				6x4 kW	40	50	50	8/10.0	
P	380-415	50/60	3	3+N+PE		53	60		60	8/10.0			
Q	200-240	50/60	3	3+PE		N/A	N/A		N/A	N/A			
X	200-240	50/60	1/3	2/3+PE		N/A	N/A		N/A	N/A			

Table 7

Washer-Extractors

Specifications and Dimensions - Model IWF075 (2-speed)

Capacity (dry weight) Ratio (kg/l)	
1:11	61.72 lb. (28 kg)
1:10	67.02 lb. (30.4 kg)
1:9	73.41 lb. (33.3 kg)
Cylinder	
Cylinder diameter, in. (mm)	33.46 (850)
Cylinder depth, in. (mm)	21.14 (537)
Cylinder volume, ft. ³ (l)	10.73 (304)
Cabinet	
Overall height, in. (mm)	55.55 (1411)
Overall width, in. (mm)	38.97 (990)
Overall depth, in. (mm)	46.85 (1190)
Front Loading	
Door opening size, in. (mm)	15.74 (400)
Height of door bottom above floor, in (mm)	19.68 (500)
Height of door center above floor, in (mm)	27.55 (700)
Speed	
Wash	10-50 tr/min - RPM
Distribution	85 tr/min - RPM
Spin	415 tr/min - RPM
G-factor	
Spin	82
Motor (3 phase), 4p, 1470 tr/min	2.49 HP/2.2 kW
Drain Valve, in. (mm)	3 (76)
Water Supply (hard, soft, warm water), in. (mm)	.75 (19)
Direct Steam Heating	
Steam inlet connection size, in. (mm)	.5 (13)
Electrical	
Electrical Heating (230/400 V)	12 kW - 15 kW - 18 kW
Electrical Heating (400V)	21 kW - 24 kW
Steam	Not Applicable
Warm Water (without additional heating)	Not Applicable
Warm Water (with additional heating)	Not Applicable
Packing Dimensions (height X width X depth), in. (mm)	61.41 X 44.09 X 51.18 (1560 X 1120 X 1300)
Weight	
Net weight, lb. (kg)	1177.26 (534)
Gross weight, lb. (kg)	1287.49 (584)

Machine Dimensions - IWF075 (2-speed)

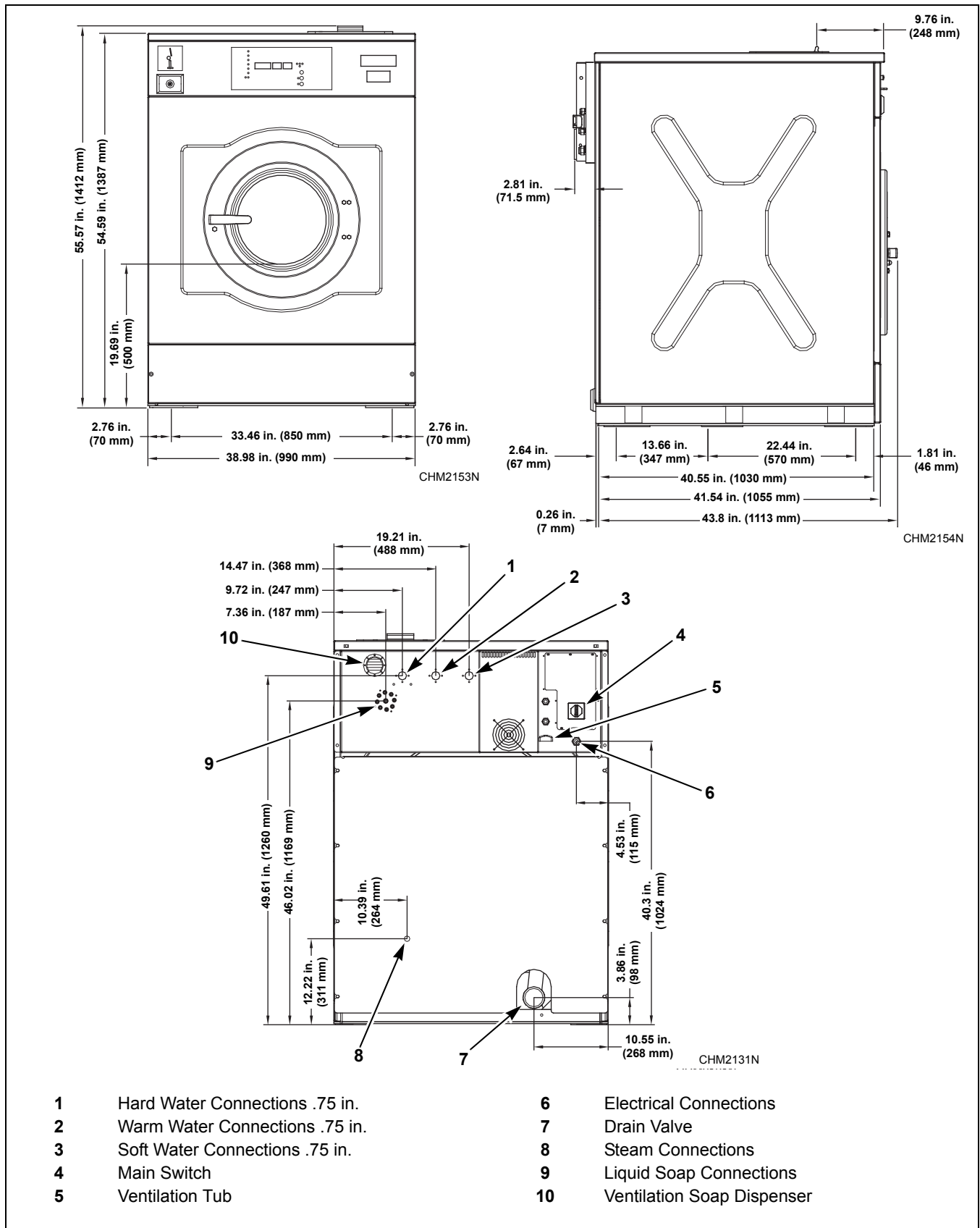


Figure 19

Mounting Bolt Hole Locations - Model IWF075 (2-speed)

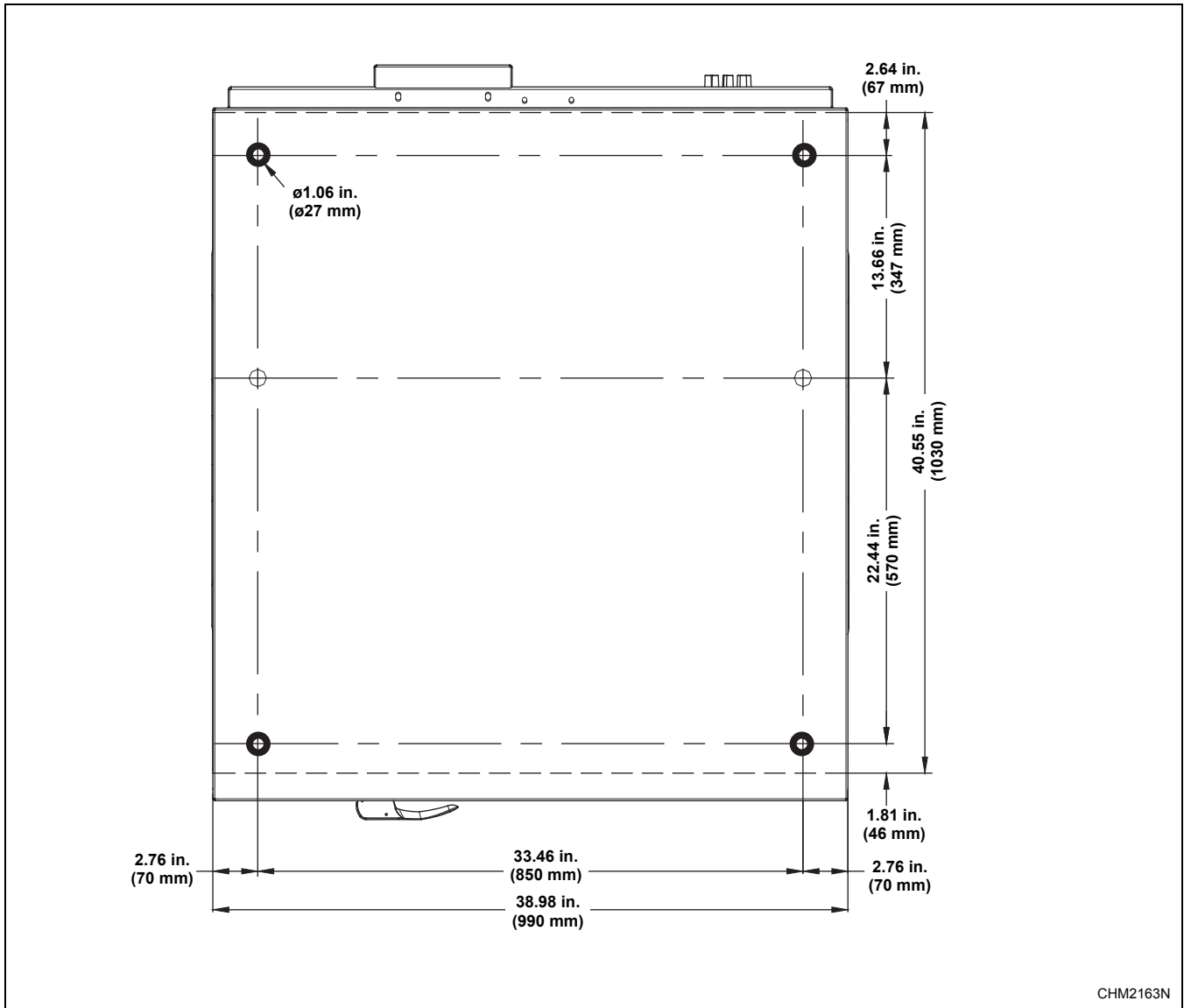



Figure 20

	WARNING
<p>Only trained personnel should perform this procedure. Use caution while servicing machines with covers removed and power applied.</p>	
W700	


Electrical Installation Requirements - Model IWF075 (2-speed)

Code	Voltage	Cycle	Phase	Wire	Boiler Fed/Steam Heat			Electric Heat					
					Full Load Amps	Recommended Circuit Breaker (US-market)		kW Standard Heating Elements	Full Load Amps	Recommended Circuit Breaker (US-market)		AWG/mm ²	
						US	NON-US			US	NON-US		
N	440-480	50/60	3	3+PE	6	15	10	14/2.5	6x4 kW	32	50	50	8/10.0
P	380-415	50/60	3	3+N+PE	16	20	20	12/4.0		43	70	70	4/25.0
Q	200-240	50/60	3	3+PE	16	20	20	12/4.0	6x3 kW	60	70	70	4/25.0
X	200-240	50/60	1/3	2/3+PE	16	20	20	12/4.0		N/A	N/A	N/A	N/A
									Alternative Electric Heat Options				
N	440-480	50/60	3	3+PE				3x3 kW + 3x4 kW	36	50	50	8/10.0	
P	380-415	50/60	3	3+N+PE					48	70	70	4/25.0	
Q	200-240	50/60	3	3+PE					N/A	N/A	N/A	N/A	
X	200-240	50/60	1/3	2/3+PE					N/A	N/A	N/A	N/A	

Table 8

Installation

Models IWF033, IWF040, IWF055 and IWF075 (2-speed)

	CAUTION
<p>Ensure that the machine is installed on a level floor of sufficient strength and that the recommended clearances for inspection and maintenance are provided. Never allow the inspection and maintenance space to be blocked.</p>	
SW020	

Surface

The machine must be securely fixed on a flat surface (metal base, concrete or solid ground). The anchoring is to be done on the 4 provided places in the holes on the corner of the base. (See Mounting Bolt Hole Locations). Refer to *Figure 21*.

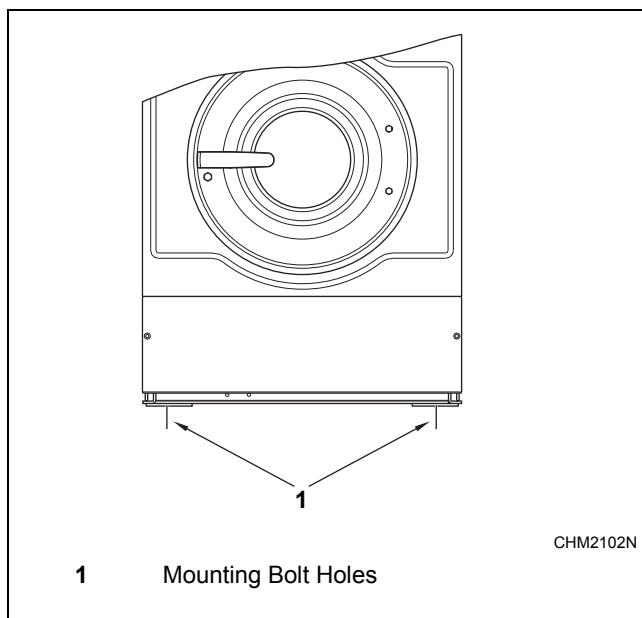


Figure 21

The machine must be placed entirely level. For easy maintenance it is recommended to keep a minimal distance of 23.62 in. (600 mm) between the wall and the back of the machine.

If several machines are placed next to each other, there should be a minimal distance of 1.18 in. (30 mm) between each machine.

Anchoring to Metal Base

The machines must be fixed on a metal base which is securely anchored on a concrete base. Refer to *Figure 22*.

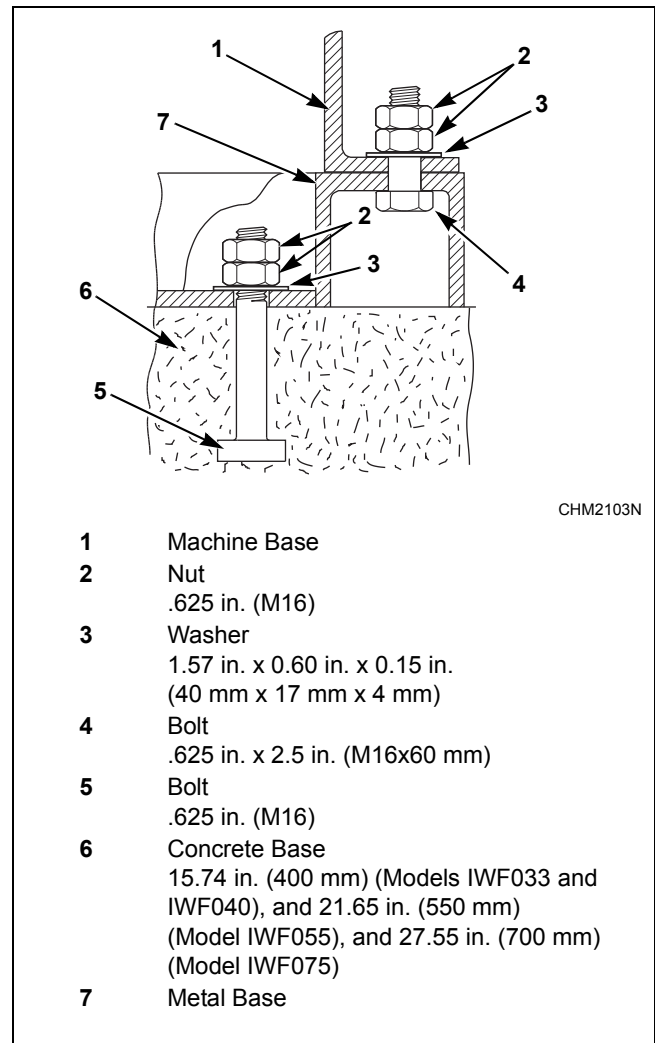


Figure 22

Machine bolts should be re-checked on a quarterly basis.

Anchoring to Concrete Base

The machine must be anchored directly to concrete base. Refer to *Figure 23*.

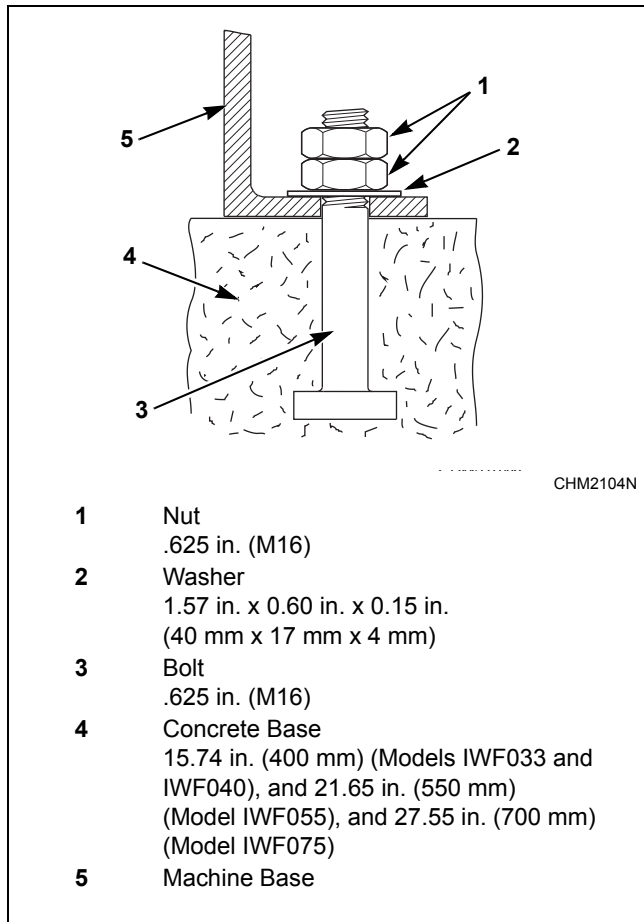


Figure 23

IMPORTANT: Machine bolt should be re-checked on a quarterly basis.

Washer-Extractors

Specifications and Dimensions - Models IWF0014 (M-speed)

Capacity (dry weight) Ratio (kg/l)	
1:11	13 lb. (5.9 kg)
1:10	14 lb. (6.5 kg)
1:9	15.87 lb. (7.2 kg)
Cylinder	
Cylinder diameter, in. (mm)	20.86 (530)
Cylinder depth, in. (mm)	11.61 (295)
Cylinder volume, ft. ³ (l)	2.29 (65)
Cabinet	
Overall height, in. (mm)	40.98 (1041)
Overall width, in. (mm)	25.98 (660)
Overall depth, in. (mm)	31.37 (797)
Front Loading	
Door opening size, in. (mm)	11.81 (300)
Height of door bottom above floor, in (mm)	13.97 (355)
Height of door center above floor, in (mm)	20 (508)
Speed	
Wash	10-50 tr/min - RPM
Distribution	85 tr/min - RPM
Spin	700 tr/min - RPM
G-factor	
Spin	145
Motor (3 phase), 4p, 1470 tr/min	0.73 HP/0.55 kW
Drain Valve, in. (mm)	2 (51)
Water Supply (hard, soft, warm water), in. (mm)	.75 (19)
Direct Steam Heating	
Steam inlet connection size, in. (mm)	.38 (10)
Electrical	
Electrical Heating (230/400 V)	4.2 kW - 6 kW - 9 kW
Electrical Heating (400V)	Not Applicable
Steam	Not Applicable
Warm Water (without additional heating)	Not Applicable
Warm Water (with additional heating)	Not Applicable
Packing Dimensions (height X width X depth), in. (mm)	45.66 X 28.74 X 33.46 (1160 X 730 X 850)
Weight	
Net weight, lb. (kg)	384 (174)
Gross weight, lb. (kg)	423.28 (192)

Machine Dimensions - Model IWF014 (M-speed)

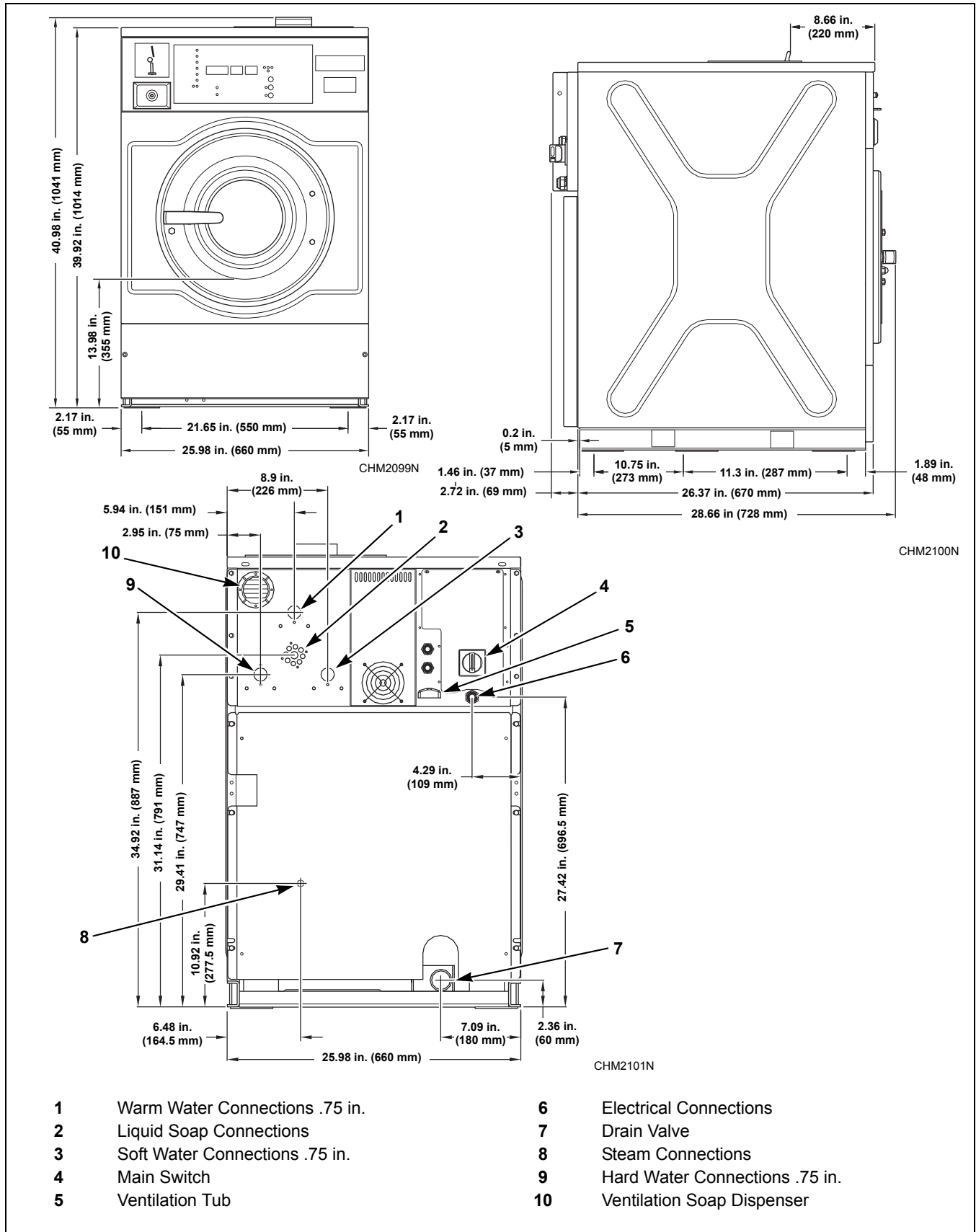


Figure 24

Mounting Bolt Hole Locations - Model IWF014 (M-speed)

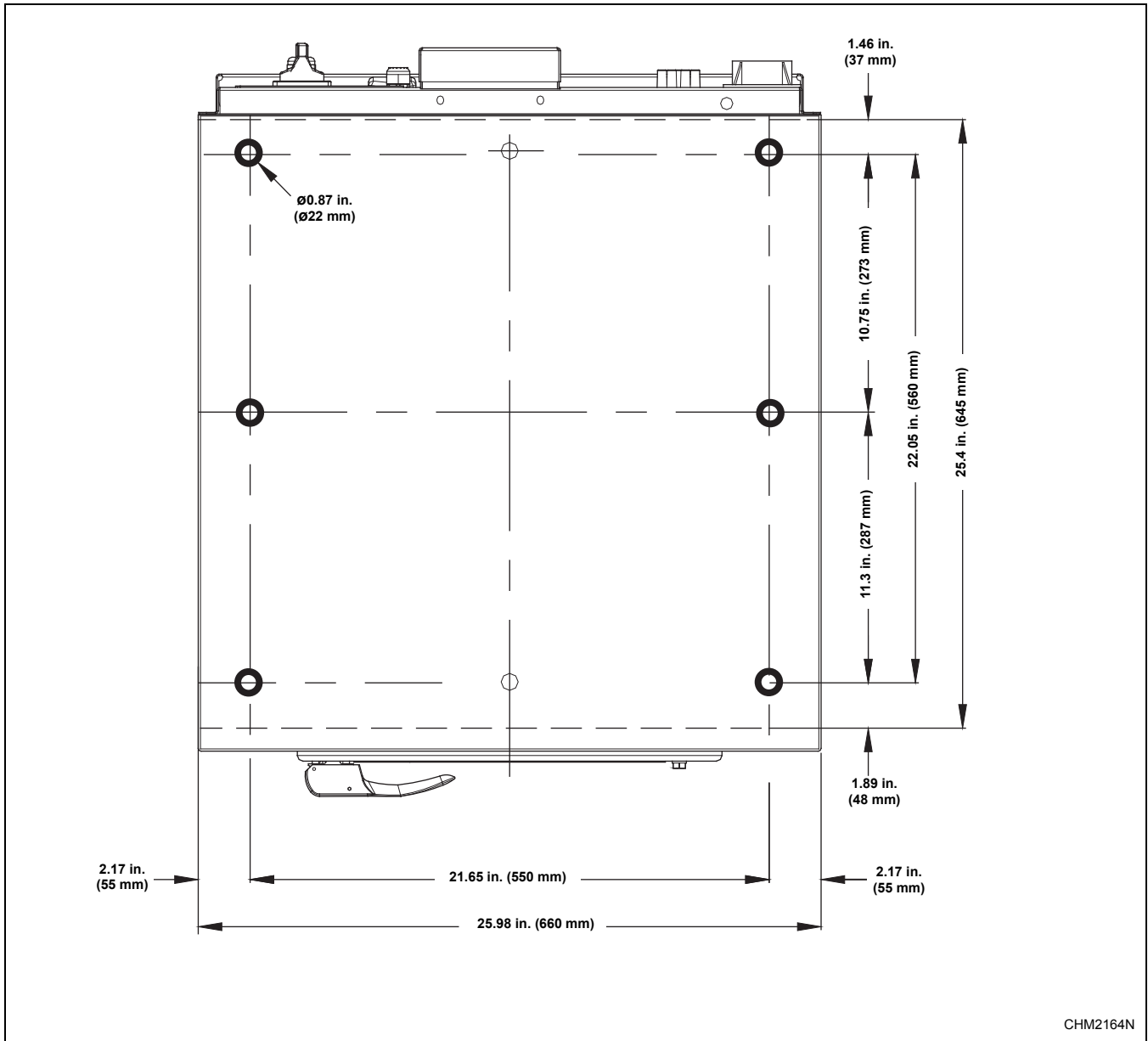



Figure 25

	WARNING
<p>Only trained personnel should perform this procedure. Use caution while servicing machines with covers removed and power applied.</p>	
W700	

Electrical Installation Requirements - Model IWF014 (M-speed)

					Boiler Fed/Steam Heat			Electric Heat									
Code	Voltage	Cycle	Phase	Wire	Full Load Amps	Recommended Circuit Breaker (US-market)		AWG/mm ²	kW Standard Heating Elements	Full Load Amps	Recommended Circuit Breaker (US-market)		AWG/mm ²				
						US	NON-US				US	NON-US					
N	440-480	50/60	3	3+PE	3	10	10	14/2.5	3x2 kW	N/A	N/A	N/A	N/A				
P	380-415	50/60	3	3+N+PE	7	15	16	14/2.5		16	20	20	12/4.0				
Q	200-240	50/60	3	3+PE	7	15	16	14/2.5		23	30	32	10/6.0				
X	200-240	50/60	1/3	2/3+PE	7	15	16	14/2.5		N/A	N/A	N/A	N/A				
									Alternative Electric Heat Options								
N	440-480	50/60	3	3+PE					3x1.4 kW	N/A	N/A	N/A	N/A				
P	380-415	50/60	3	3+N+PE						13	15	16	14/2.5				
Q	200-240	50/60	3	3+PE						18	20	20	12/4.0				
X	200-240	50/60	1/3	2/3+PE						N/A	N/A	N/A	N/A				
N	440-480	50/60	3	3+PE									3x3 kW	N/A	N/A	N/A	N/A
P	380-415	50/60	3	3+N+PE										21	30	32	10/6.0
Q	200-240	50/60	3	3+PE										30	40	40	8/10.0
X	200-240	50/60	1/3	2/3+PE										N/A	N/A	N/A	N/A

Table 9

Washer-Extractors

Specifications and Dimensions - Model IWF018 (M-speed)

Capacity (dry weight) Ratio (kg/l)	
1:11	14.33 lb. (6.9 kg)
1:10	16.09 lb. (7.3 kg)
1:9	18.51 lb. (8.4 kg)
Cylinder	
Cylinder diameter, in. (mm)	20.86 (530)
Cylinder depth, in. (mm)	13.58 (345)
Cylinder volume, ft. ³ (l)	2.57 (73)
Cabinet	
Overall height, in. (mm)	40.98 (1041)
Overall width, in. (mm)	25.98 (660)
Overall depth, in. (mm)	31.37 (797)
Front Loading	
Door opening size, in. (mm)	11.81 (300)
Height of door bottom above floor, in (mm)	13.97 (355)
Height of door center above floor, in (mm)	20 (508)
Speed	
Wash	10-50 tr/min - RPM
Distribution	85 tr/min - RPM
Spin	700 tr/min - RPM
G-factor	
Spin	145
Motor (3 phase), 4p, 1470 tr/min	0.73 HP/0.55 kW
Drain Valve, in. (mm)	2 (51)
Water Supply (hard, soft, warm water), in. (mm)	.75 (19)
Direct Steam Heating	
Steam inlet connection size, in. (mm)	.38 (10)
Electrical	
Electrical Heating (230/400 V)	4.2 kW - 6 kW - 9 kW
Electrical Heating (400V)	12 kW
Steam	Not Applicable
Warm Water (without additional heating)	Not Applicable
Warm Water (with additional heating)	Not Applicable
Packing Dimensions (height X width X depth), in. (mm)	45.66 X 28.74 X 33.46 (1160 X 730 X 850)
Weight	
Net weight, lb. (kg)	399.03 (181)
Gross weight, lb. (kg)	432.10 (196)

Machine Dimensions - Model IWF018 (M-speed)

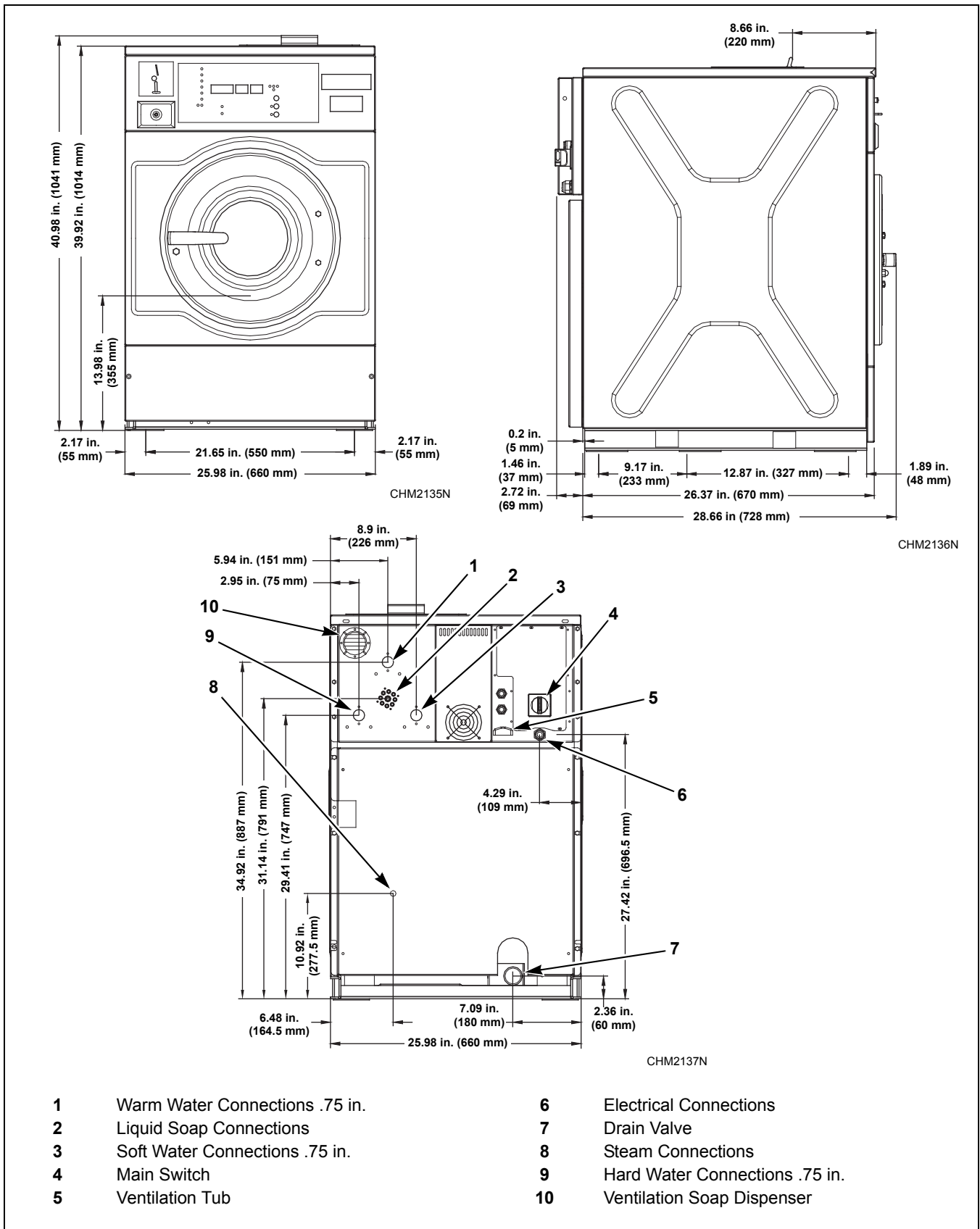


Figure 26

Mounting Bolt Hole Locations - Model IWF018 (M-speed)

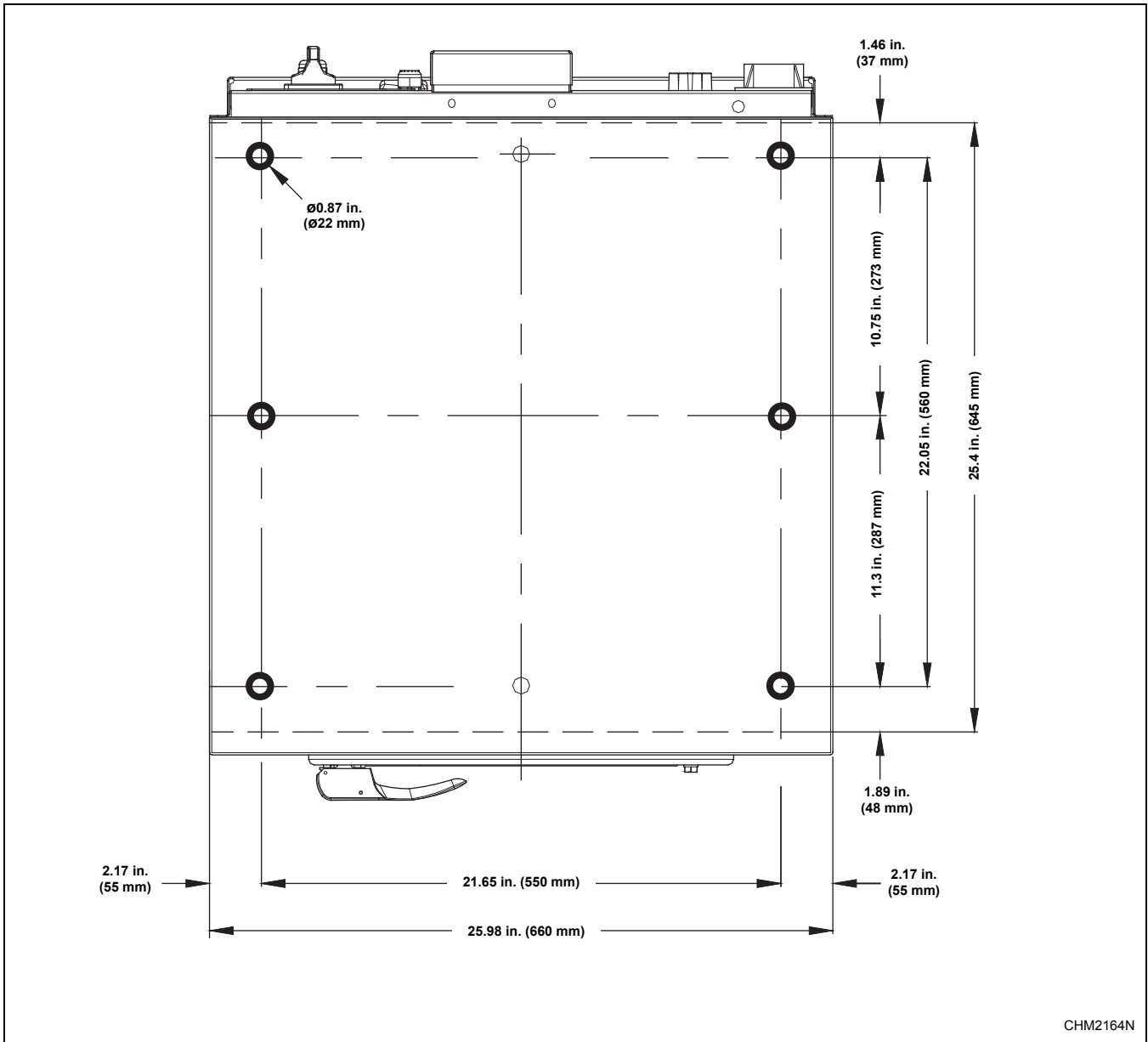



Figure 27

	WARNING
<p>Only trained personnel should perform this procedure. Use caution while servicing machines with covers removed and power applied.</p>	
W700	

Electrical Installation Requirements - Model IWF018 (M-speed)

					Boiler Fed/Steam Heat			Electric Heat							
Code	Voltage	Cycle	Phase	Wire	Full Load Amps	Recommended Circuit Breaker (US-market)		AWG/mm ²	kW Standard Heating Elements	Full Load Amps	Recommended Circuit Breaker (US-market)		AWG/mm ²		
						US	NON-US				US	NON-US			
N	440-480	50/60	3	3+PE	3	10	10	14/2.5	3x2 kW	N/A	N/A	N/A	N/A		
P	380-415	50/60	3	3+N+PE	7	15	16	14/2.5		16	20	20	12/4.0		
Q	200-240	50/60	3	3+PE	7	15	16	14/2.5		23	30	32	10/6.0		
X	200-240	50/60	1/3	2/3+PE	7	15	16	14/2.5		N/A	N/A	N/A	N/A		
									Alternative Electric Heat Options						
N	440-480	50/60	3	3+PE					3x1.4 kW	N/A	N/A	N/A	N/A		
P	380-415	50/60	3	3+N+PE						13	15	16	14/2.5		
Q	200-240	50/60	3	3+PE						18	20	20	12/4.0		
X	200-240	50/60	1/3	2/3+PE						N/A	N/A	N/A	N/A		
N	440-480	50/60	3	3+PE					3x3 kW			N/A	N/A	N/A	N/A
P	380-415	50/60	3	3+N+PE								21	30	32	10/6.0
Q	200-240	50/60	3	3+PE								30	40	40	8/10.0
X	200-240	50/60	1/3	2/3+PE								N/A	N/A	N/A	N/A
N	440-480	50/60	3	3+PE					3x4 kW			20	30	25	10/6.0
P	380-415	50/60	3	3+N+PE								24	30	30	10/6.0
Q	200-240	50/60	3	3+PE								N/A	N/A	N/A	N/A
X	200-240	50/60	1/3	2/3+PE								N/A	N/A	N/A	N/A

Table 10

Washer-Extractors

Specifications and Dimensions - Model IWF025 (M-speed)

Capacity (dry weight) Ratio (kg/l)	
1:11	18.95 lb. (8.6 kg)
1:10	20.94 lb. (9.5 kg)
1:9	23.14 lb. (10.5 kg)
Cylinder	
Cylinder diameter, in. (mm)	20.86 (530)
Cylinder depth, in. (mm)	17.32 (440)
Cylinder volume, ft. ³ (l)	3.35 (95)
Cabinet	
Overall height, in. (mm)	40.98 (1041)
Overall width, in. (mm)	25.98 (660)
Overall depth, in. (mm)	35.31 (897)
Front Loading	
Door opening size, in. (mm)	11.81 (300)
Height of door bottom above floor, in (mm)	13.97 (355)
Height of door center above floor, in (mm)	20 (508)
Speed	
Wash	10-50 tr/min - RPM
Distribution	85 tr/min - RPM
Spin	700 tr/min - RPM
G-factor	
Spin	145
Motor (3 phase), 4p, 1470 tr/min	0.73 HP/0.55 kW
Drain Valve, in. (mm)	2 (51)
Water Supply (hard, soft, warm water), in. (mm)	.75 (19)
Direct Steam Heating	
Steam inlet connection size, in. (mm)	.38 (10)
Electrical	
Electrical Heating (230/400 V)	4.2 kW - 6kW - 9 kW
Electrical Heating (400V)	12 kW
Steam	Not Applicable
Warm Water (without additional heating)	Not Applicable
Warm Water (with additional heating)	Not Applicable
Packing Dimensions (height X width X depth), in. (mm)	45.66 X 28.74 X 37.40 (1170 X 730 X 950)
Weight	
Net weight, lb. (kg)	440.92 (200)
Gross weight, lb. (kg)	460.76 (209)

Machine Dimensions - Model IWF025 (M-speed)

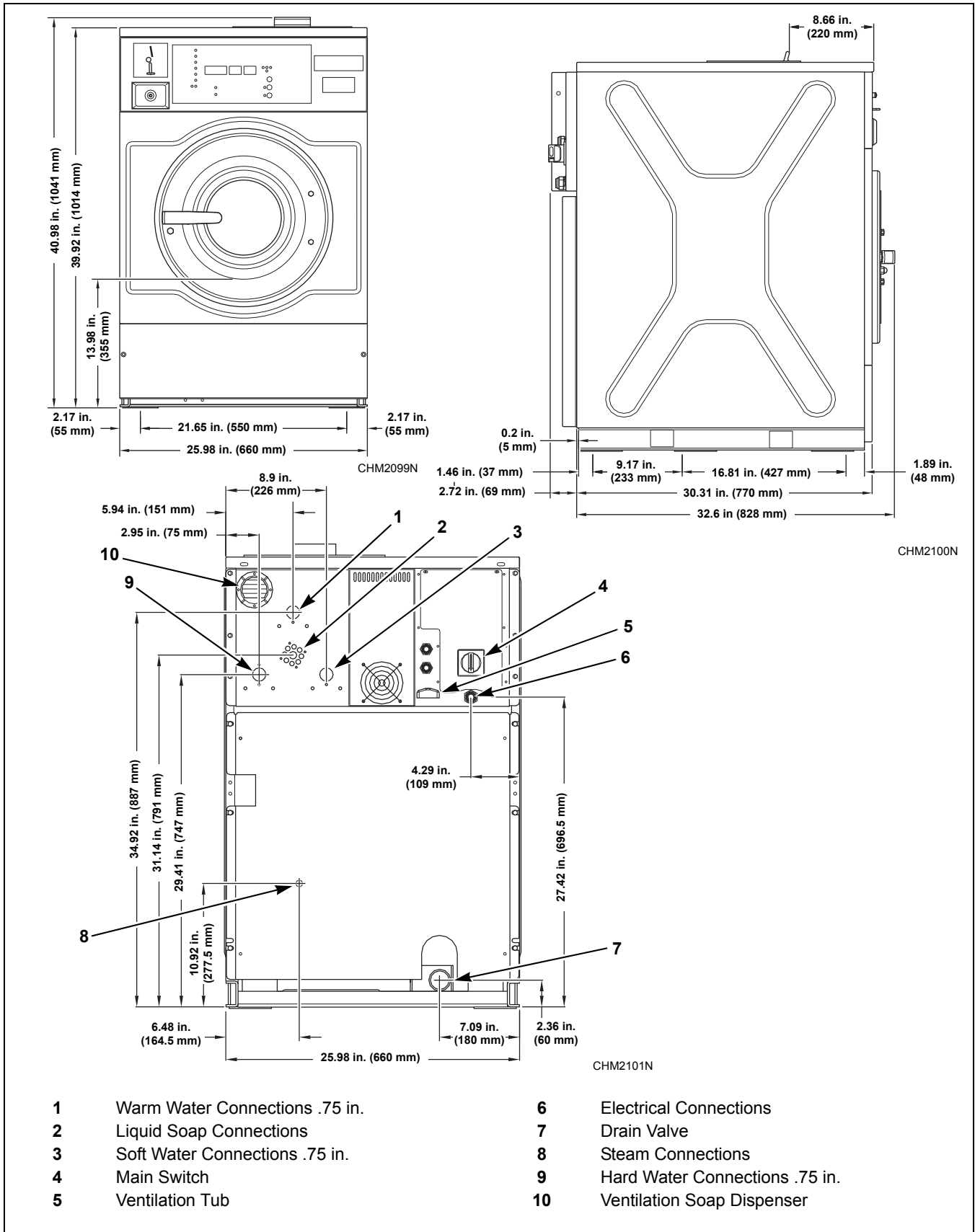


Figure 28

Mounting Bolt Hole Locations - Model IWF025 (M-speed)

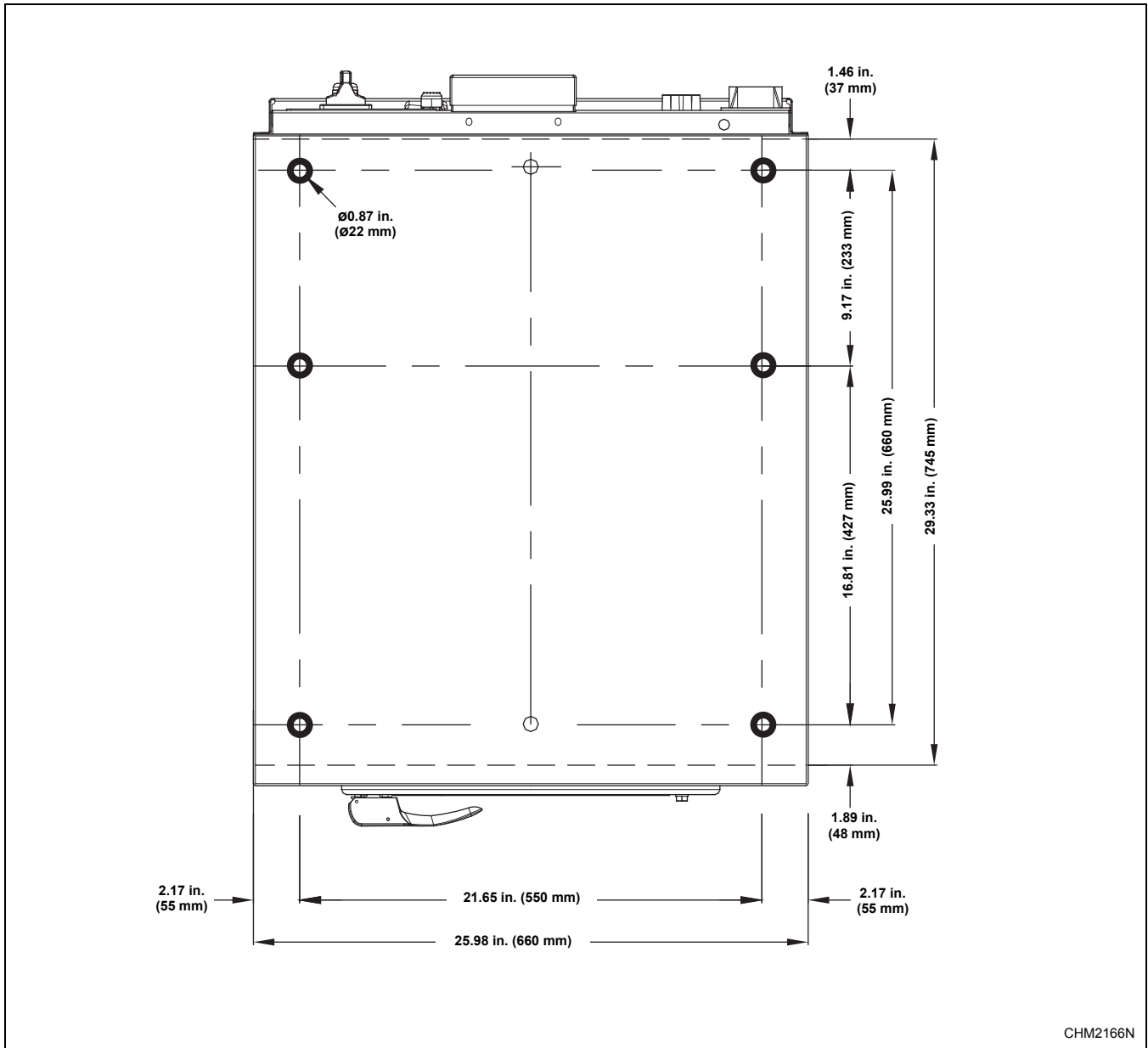



Figure 29

	WARNING
<p>Only trained personnel should perform this procedure. Use caution while servicing machines with covers removed and power applied.</p>	
W700	

Electrical Installation Requirements - Model IWF025 (M-speed)

					Boiler Fed/Steam Heat			Electric Heat					
Code	Voltage	Cycle	Phase	Wire	Full Load Amps	Recommended Circuit Breaker (US-market)		AWG/mm ²	kW Standard Heating Elements	Full Load Amps	Recommended Circuit Breaker (US-market)		AWG/mm ²
						US	NON-US				US	NON-US	
N	440-480	50/60	3	3+PE	3	10	10	14/2.5	3x3 kW	N/A	N/A	N/A	N/A
P	380-415	50/60	3	3+N+PE	7	15	16	14/2.5		21	30	32	10/6.0
Q	200-240	50/60	3	3+PE	7	15	16	14/2.5		30	40	40	8/10.0
X	200-240	50/60	1/3	2/3+PE	7	15	16	14/2.5		N/A	N/A	N/A	N/A
									Alternative Electric Heat Options				
N	440-480	50/60	3	3+PE				3x1.4 kW	N/A	N/A	N/A	N/A	
P	380-415	50/60	3	3+N+PE					13	15	16	14/2.5	
Q	200-240	50/60	3	3+PE					18	20	20	12/4.0	
X	200-240	50/60	1/3	2/3+PE					N/A	N/A	N/A	N/A	
N	440-480	50/60	3	3+PE				3x2 kW	N/A	N/A	N/A	N/A	
P	380-415	50/60	3	3+N+PE					16	20	20	12/4.0	
Q	200-240	50/60	3	3+PE					23	30	32	10/6.0	
X	200-240	50/60	1/3	2/3+PE					N/A	N/A	N/A	N/A	
N	440-480	50/60	3	3+PE				3x4 kW	20	30	25	10/6.0	
P	380-415	50/60	3	3+N+PE					24	30	30	10/6.0	
Q	200-240	50/60	3	3+PE					N/A	N/A	N/A	N/A	
X	200-240	50/60	1/3	2/3+PE					N/A	N/A	N/A	N/A	

Table 11

Washer-Extractors

Specifications and Dimensions - Models IWF030 (M-speed)

Capacity (dry weight) Ratio (kg/l)	
1:11	26.45 lb. (12 kg)
1:10	29.10 lb. (13.2 kg)
1:9	31.96 lb. (14.5 kg)
Cylinder	
Cylinder diameter, in. (mm)	25.59 (650)
Cylinder depth, in. (mm)	17.74 (400)
Cylinder volume, ft. ³ (l)	4.66 (132)
Cabinet	
Overall height, in. (mm)	47.40 (1204)
Overall width, in. (mm)	30.70 (780)
Overall depth, in. (mm)	33.14 (842)
Front Loading	
Door opening size, in. (mm)	11.81 (300)
Height of door bottom above floor, in (mm)	17.91 (455)
Height of door center above floor, in (mm)	23.85 (606)
Speed	
Wash	10-50 tr/min - RPM
Distribution	85 tr/min - RPM
Spin	632 tr/min - RPM
G-factor	
Spin	145
Motor (3 phase), 4p, 1470 tr/min	1.47 HP/1.10 kW
Drain Valve, in. (mm)	2 (51)
Water Supply (hard, soft, warm water), in. (mm)	.75 (19)
Direct Steam Heating	
Steam inlet connection size, in. (mm)	.38 (10)
Electrical	
Electrical Heating (230/400 V)	12 kW - 15 kW - 18 kW
Electrical Heating (400V)	Not Applicable
Steam	Not Applicable
Warm Water (without additional heating)	Not Applicable
Warm Water (with additional heating)	Not Applicable
Packing Dimensions (height X width X depth), in. (mm)	52.75 X 33.38 X 37.40 (1340 X 848 X 950)
Weight	
Net weight, lb. (kg)	617.29 (280)
Gross weight, lb. (kg)	645.95 (293)

Machine Dimensions - Model IWF030 (M-speed)

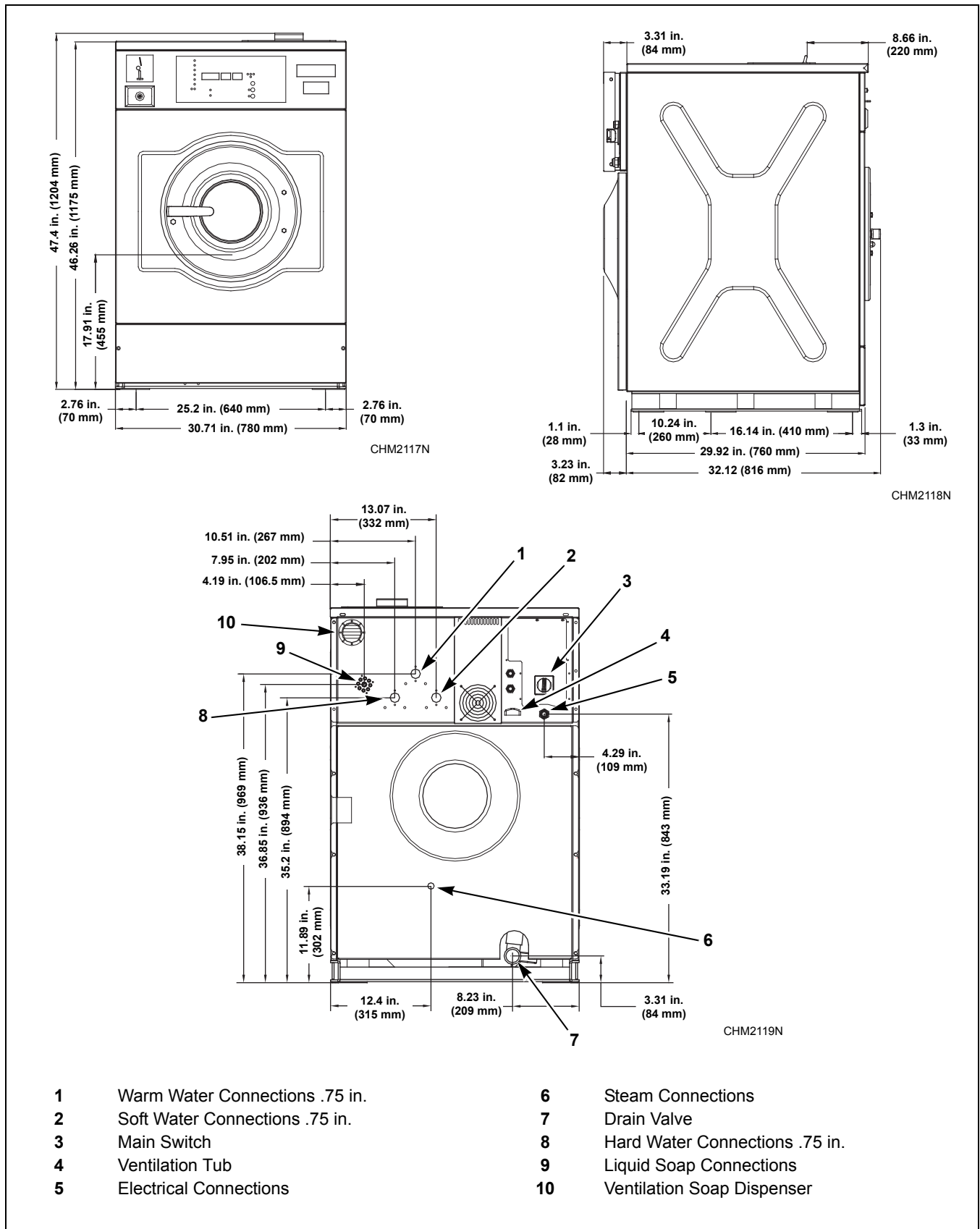


Figure 30

Mounting Bolt Hole Locations - Model IWF030 (M-speed)

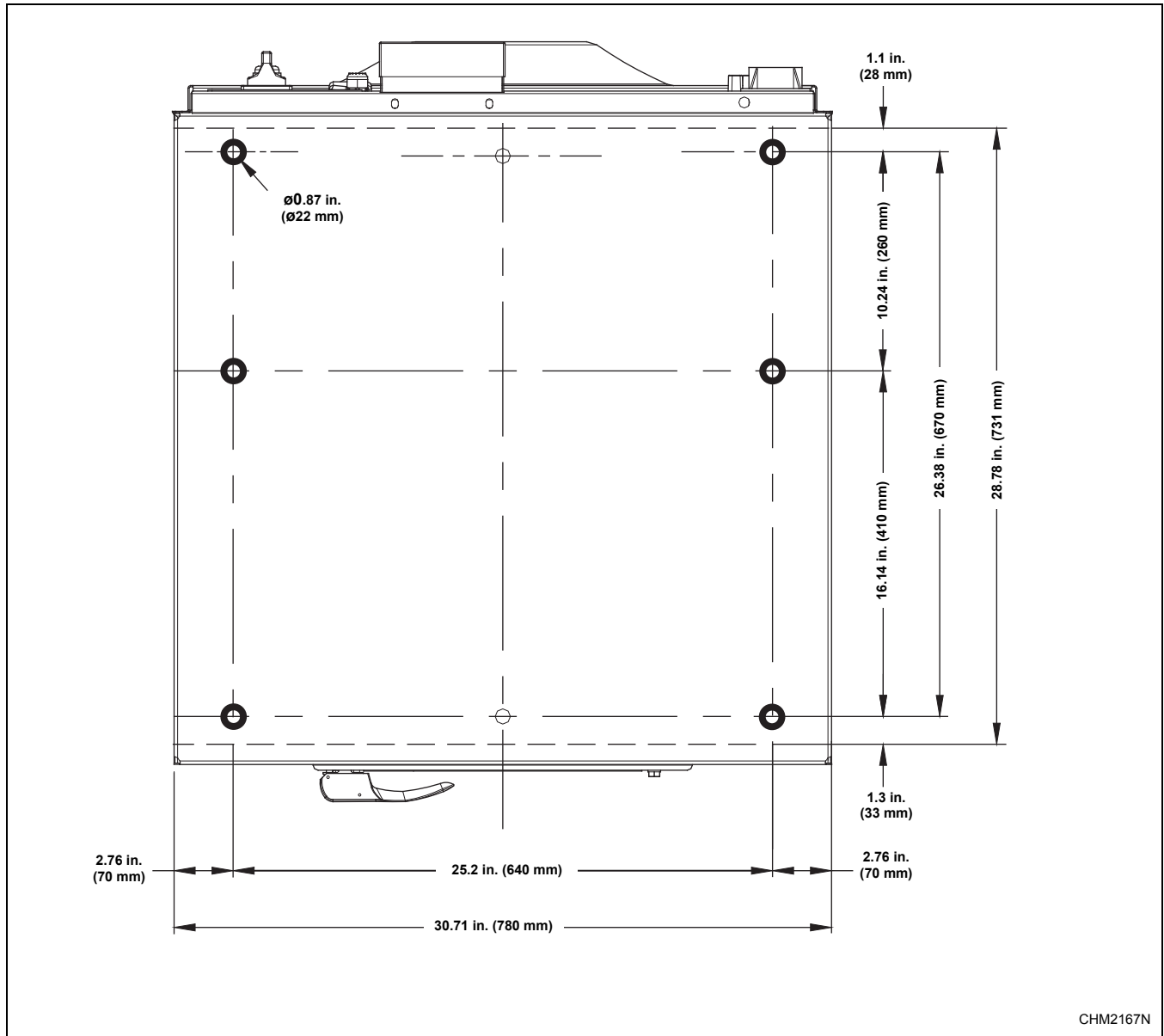



Figure 31

CHM2167N

	WARNING
<p>Only trained personnel should perform this procedure. Use caution while servicing machines with covers removed and power applied.</p>	
W700	


Electrical Installation Requirements - Model IWF030 (M-speed)

					Boiler Fed/Steam Heat			Electric Heat					
Code	Voltage	Cycle	Phase	Wire	Full Load Amps	Recommended Circuit Breaker (US-market)		AWG/mm ²	kW Standard Heating Elements	Full Load Amps	Recommended Circuit Breaker (US-market)		AWG/mm ²
						US	NON-US				US	NON-US	
N	440-480	50/60	3	3+PE	4	10	10	14/2.5	6x2 kW	21	30	30	10/6.0
P	380-415	50/60	3	3+N+PE	12	15	16	14/2.5		30	40	40	8/10.0
Q	200-240	50/60	3	3+PE	12	15	16	14/2.5		42	50	50	8/10.0
X	200-240	50/60	1/3	2/3+PE	12	15	16	14/2.5		N/A	N/A	N/A	N/A
									Alternative Electric Heat Options				
N	440-480	50/60	3	3+PE					3x3 kW + 3x2 kW	26	30	30	10/6.0
P	380-415	50/60	3	3+N+PE						34	40	40	8/10.0
Q	200-240	50/60	3	3+PE						50	60	60	6/16.0
X	200-240	50/60	1/3	2/3+PE						N/A	N/A	N/A	N/A
N	440-480	50/60	3	3+PE					6x3 kW	30	40	40	8/10.0
P	380-415	50/60	3	3+N+PE						38	50	50	8/10.0
Q	200-240	50/60	3	3+PE						57	70	70	4/25.0
X	200-240	50/60	1/3	2/3+PE						N/A	N/A	N/A	N/A

Table 12

Installation

Models IWF014, IWF018, IWF025 and IWF030 (M-speed)

	<h3>CAUTION</h3>
<p>Ensure that the machine is installed on a level floor of sufficient strength and that the recommended clearances for inspection and maintenance are provided. Never allow the inspection and maintenance space to be blocked.</p>	
SW020	

Surface

The machine must be securely fixed on a flat surface (metal base, concrete or solid ground). The anchoring is to be done on the 6 provided places in the holes on the corners of the base. (See Mounting Bolt Hole Locations). Refer to *Figure 32*.

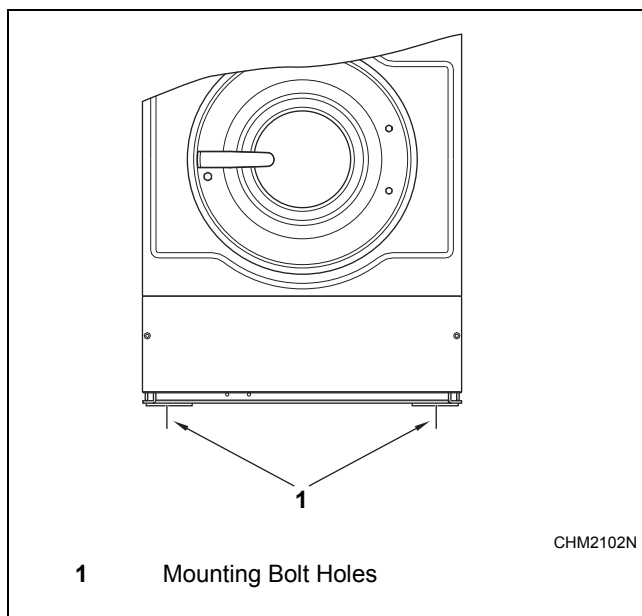


Figure 32

The machine must be placed entirely level. For easy maintenance it is recommended to keep a minimal distance of 23.62 in. (600 mm) between the wall and the back of the machine.

If several machines are placed next to each other, there should be a minimal distance of 1.18 in. (30 mm) between each machine.

Anchoring to Metal Base

The machines must be fixed on a metal base which is securely anchored on a concrete base. Refer to *Figure 33*.

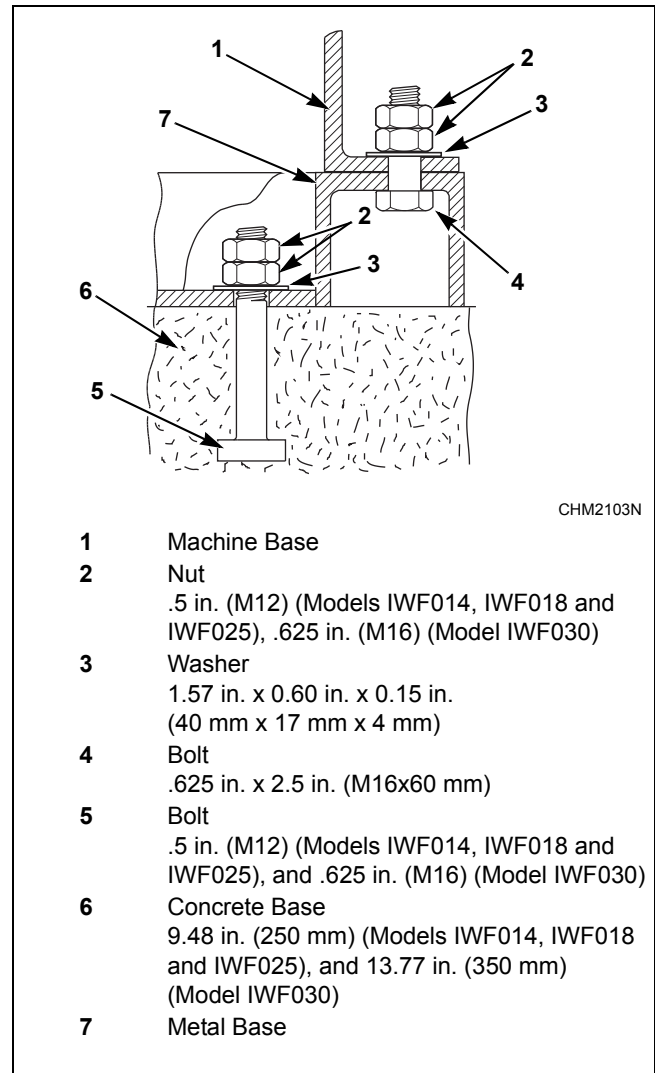


Figure 33

Directly to Concrete Base

The machine must be anchored directly to concrete base. Refer to *Figure 12*.

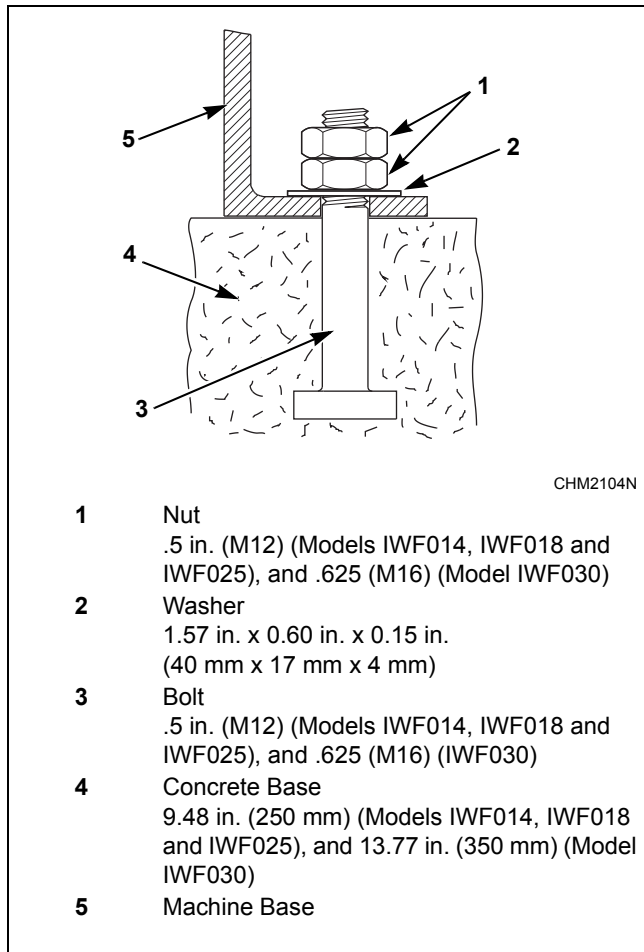


Figure 34

IMPORTANT: Machine bolts should be re-checked on a quarterly basis.

Washer-Extractors

Specifications and Dimensions - Models IWF033 (M-speed)

Capacity (dry weight) Ratio (kg/l)	
1:11	28.88 lb. (13.1 kg)
1:10	31.96 lb. (14.5 kg)
1:9	35.49 lb. (16.1 kg)
Cylinder	
Cylinder diameter, in. (mm)	26.77 (680)
Cylinder depth, in. (mm)	17.74 (400)
Cylinder volume, ft. ³ (l)	5.12 (145)
Cabinet	
Overall height, in. (mm)	47.40 (1204)
Overall width, in. (mm)	30.70 (780)
Overall depth, in. (mm)	33.14 (842)
Front Loading	
Door opening size, in. (mm)	15.74 (400)
Height of door bottom above floor, in (mm)	15.35 (390)
Height of door center above floor, in (mm)	23.22 (590)
Speed	
Wash	10-50 tr/min - RPM
Distribution	85 tr/min - RPM
Spin	659 tr/min - RPM
G-factor	
Spin	165
Motor (3 phase), 4p, 1470 tr/min	2 HP/1.5 kW
Drain Valve, in. (mm)	2 (51)
Water Supply (hard, soft, warm water), in. (mm)	.75 (19)
Direct Steam Heating	
Steam inlet connection size, in. (mm)	.38 (10)
Electrical	
Electrical Heating (230/400 V)	12 kW - 15 kW - 18 kW
Electrical Heating (400V)	21 kW - 24 kW
Steam	Not Applicable
Warm Water (without additional heating)	Not Applicable
Warm Water (with additional heating)	Not Applicable
Packing Dimensions (height X width X depth), in. (mm)	52.75 X 33.38 X 36.22 (1340 X 848 X 920)
Weight	
Net weight, lb. (kg)	674.61 (306)
Gross weight, lb. (kg)	723.11 (328)

Mounting Bolt Hole Locations - Model IWF033 (M-speed)

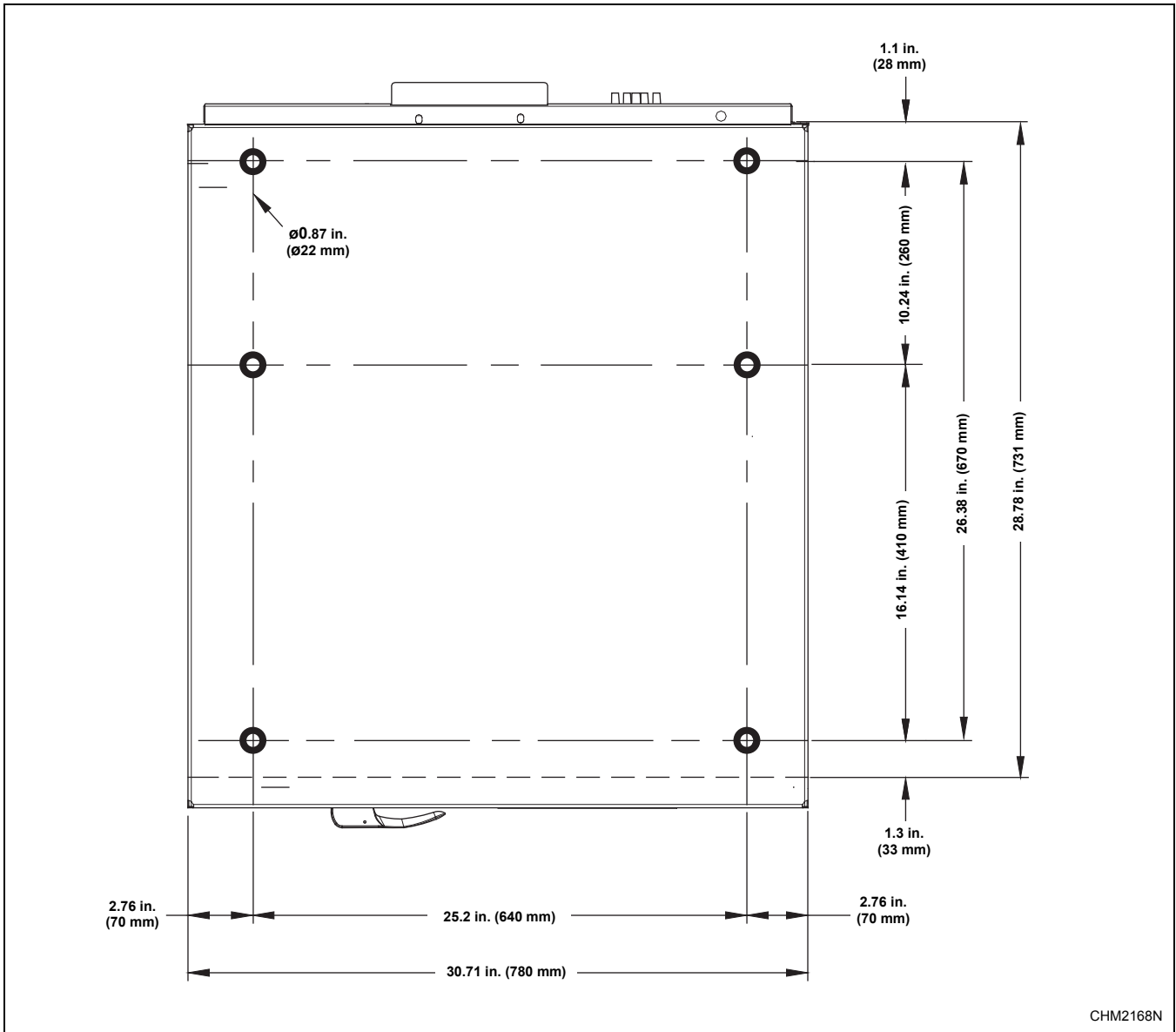



Figure 36

	WARNING
<p>Only trained personnel should perform this procedure. Use caution while servicing machines with covers removed and power applied.</p>	
W700	

Electrical Installation Requirements - Model IWF033 (M-speed)

					Boiler Fed/Steam Heat			Electric Heat					
Code	Voltage	Cycle	Phase	Wire	Full Load Amps	Recommended Circuit Breaker (US-market)		AWG/mm ²	kW Standard Heating Elements	Full Load Amps	Recommended Circuit Breaker (US-market)		AWG/mm ²
						US	NON-US				US	NON-US	
N	440-480	50/60	3	3+PE	4	10	10	14/2.5	6x3 kW	30	40	40	8/10.0
P	380-415	50/60	3	3+N+PE	12	15	16	14/2.5		38	50	50	8/10.0
Q	200-240	50/60	3	3+PE	12	15	16	14/2.5		57	70	70	4/25.0
X	200-240	50/60	1/3	2/3+PE	12	15	16	14/2.5		N/A	N/A	N/A	N/A
									Alternative Electric Heat Options				
N	440-480	50/60	3	3+PE				3x3 kW + 3x2 kW	26	30	30	10/6.0	
P	380-415	50/60	3	3+N+PE		34	40		40	8/10.0			
Q	200-240	50/60	3	3+PE		50	60		60	6/16.0			
X	200-240	50/60	1/3	2/3+PE		N/A	N/A		N/A	N/A			
N	440-480	50/60	3	3+PE				3x3 kW + 3x4 kW	34	40	40	8/10.0	
P	380-415	50/60	3	3+N+PE		53	60		60	6/16.0			
Q	200-240	50/60	3	3+PE		N/A	N/A		N/A	N/A			
X	200-240	50/60	1/3	2/3+PE		N/A	N/A		N/A	N/A			
N	440-480	50/60	3	3+PE				6x2 kW	21	30	30	10/6.0	
P	380-415	50/60	3	3+N+PE		30	40		40	8/10.0			
Q	200-240	50/60	3	3+PE		42	50		50	8/10.0			
X	200-240	50/60	1/3	2/3+PE		N/A	N/A		N/A	N/A			
N	440-480	50/60	3	3+PE				6x4 kW	39	50	50	8/10.0	
P	380-415	50/60	3	3+N+PE		47	60		60	6/16.0			
Q	200-240	50/60	3	3+PE		N/A	N/A		N/A	N/A			
X	200-240	50/60	1/3	2/3+PE		N/A	N/A		N/A	N/A			

Table 13

Washer-Extractors

Specifications and Dimensions - Model IWF040 (M-speed)

Capacity (dry weight) Ratio (kg/l)	
1:11	36.15 lb. (16.4 kg)
1:10	39.90 lb. (18.1 kg)
1:9	44.31 lb. (20.1 kg)
Cylinder	
Cylinder diameter, in. (mm)	26.77 (680)
Cylinder depth, in. (mm)	19.68 (500)
Cylinder volume, ft. ³ (l)	6.39 (181)
Cabinet	
Overall height, in. (mm)	47.40 (1204)
Overall width, in. (mm)	30.70 (780)
Overall depth, in. (mm)	37.08 (942)
Front Loading	
Door opening size, in. (mm)	15.74 (400)
Height of door bottom above floor, in (mm)	15.35 (390)
Height of door center above floor, in (mm)	23.22 (590)
Speed	
Wash	10-50 tr/min - RPM
Distribution	85 tr/min - RPM
Spin	659 tr/min - RPM
G-factor	
Spin	165
Motor (3 phase), 4p, 1470 tr/min	2 HP/1.5 kW
Drain Valve, in. (mm)	2 (51) or 3 (76)
Water Supply (hard, soft, warm water), in. (mm)	.75 (19)
Direct Steam Heating	
Steam inlet connection size, in. (mm)	.38 (10)
Electrical	
Electrical Heating (230/400 V)	12 kW - 15 kW - 18 kW
Electrical Heating (400V)	21 kW - 24 kW
Steam	Not Applicable
Warm Water (without additional heating)	Not Applicable
Warm Water (with additional heating)	Not Applicable
Packing Dimensions (height X width X depth), in. (mm)	52.75 X 33.38 X 40.15 (1340 X 848 X 1020)
Weight	
Net weight, lb. (kg)	707.68 (321)
Gross weight, lb. (kg)	758.39 (344)

Machine Dimensions - Model IWF040 (M-speed)

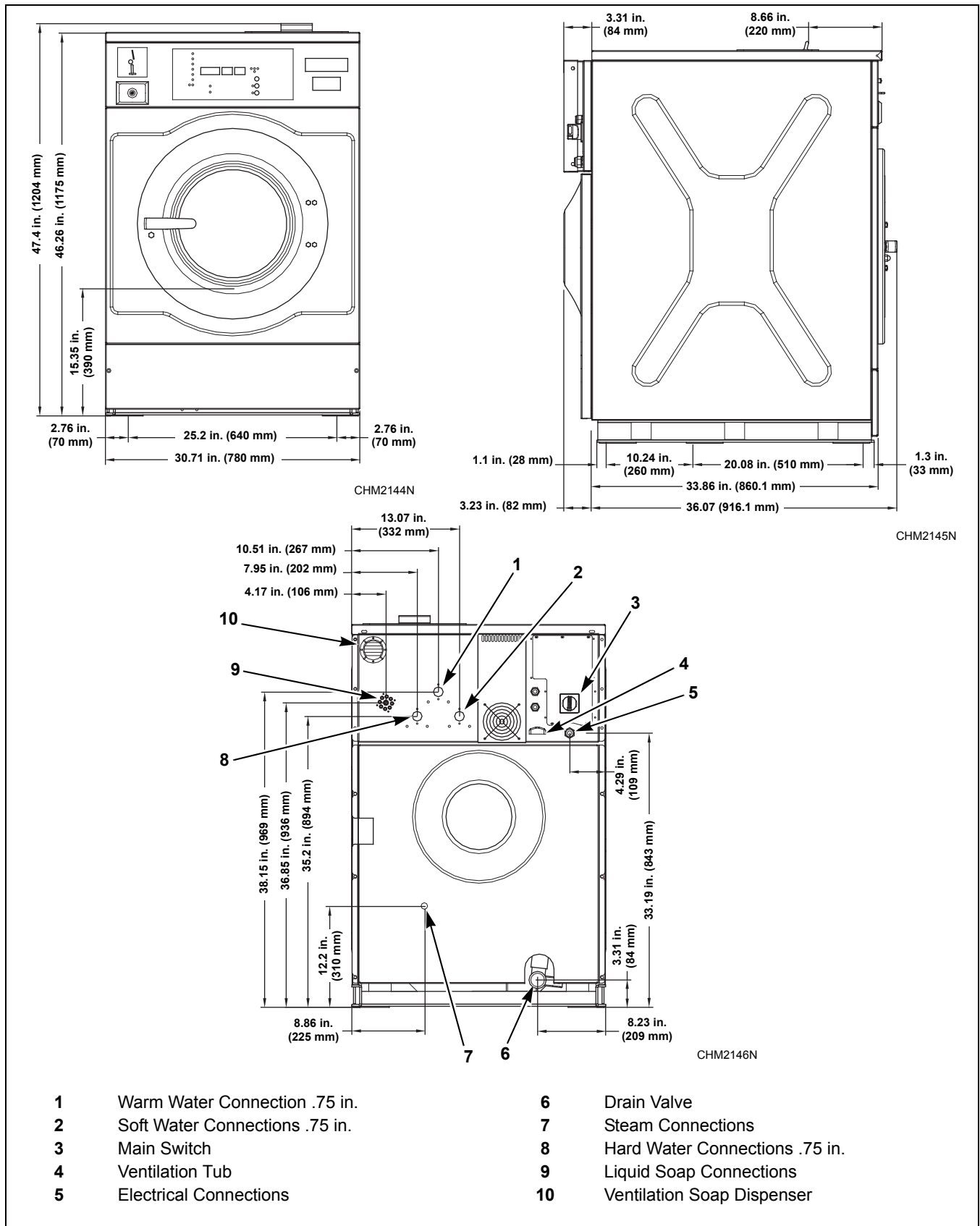
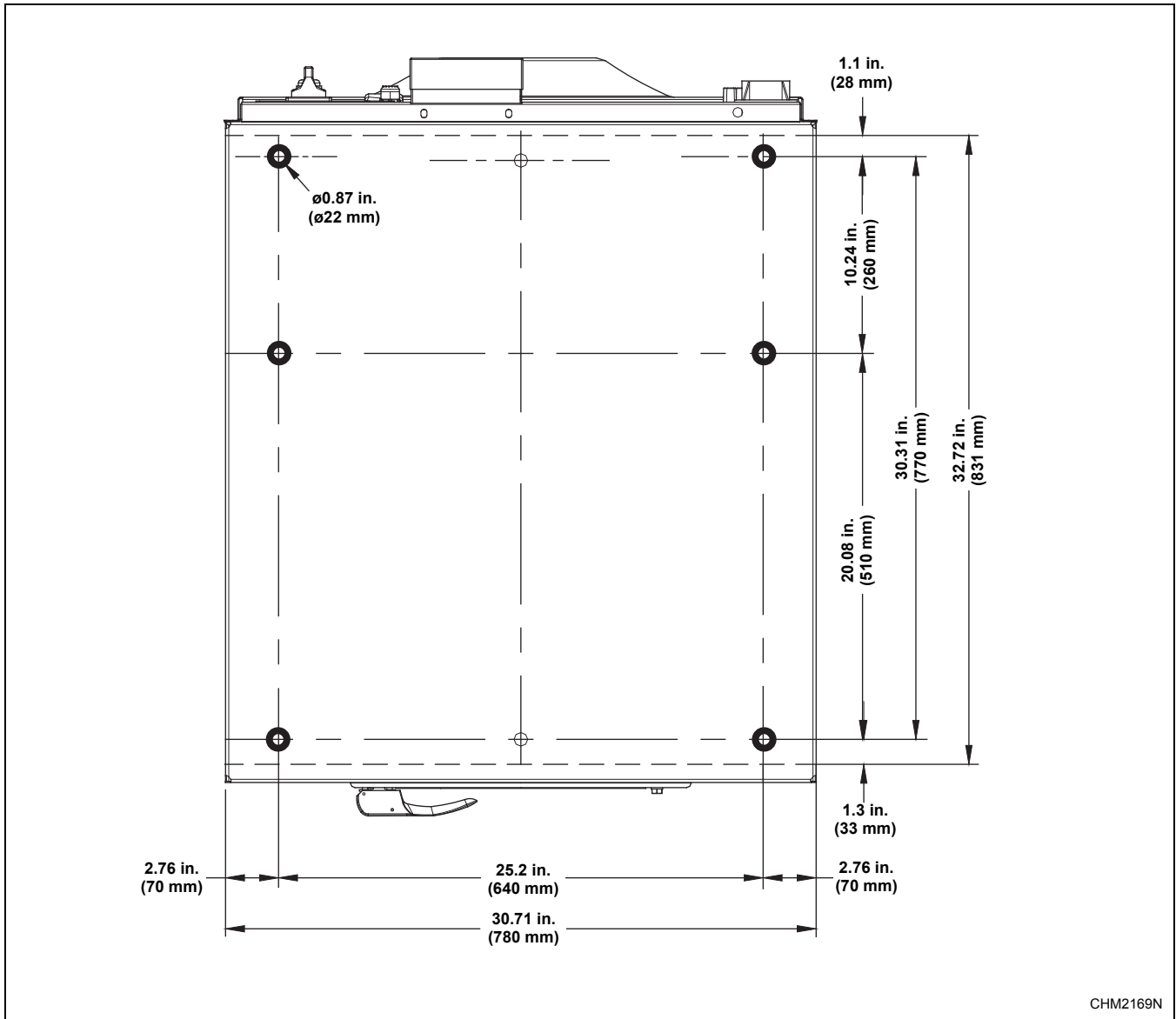



Figure 37

Mounting Bolt Hole Locations - Model IWF040 (M-speed)



CHM2169N

Figure 38

	WARNING
<p>Only trained personnel should perform this procedure. Use caution while servicing machines with covers removed and power applied.</p>	
W700	

Electrical Installation Requirements - Model IWF040 (M-speed)

Code	Voltage	Cycle	Phase	Wire	Boiler Fed/Steam Heat			Electric Heat					
					Full Load Amps	Recommended Circuit Breaker (US-market)	AWG/mm ²	kW Standard Heating Elements	Full Load Amps	Recommended Circuit Breaker (US-market)		AWG/mm ²	
					US	NON-US				US	NON-US		
N	440-480	50/60	3	3+PE	4	10	10	14/2.5	6x3 kW	30	40	40	8/10.0
P	380-415	50/60	3	3+N+PE	12	15	16	14/2.5		38	50	50	8/10.0
Q	200-240	50/60	3	3+PE	12	15	16	14/2.5		57	70	70	4/25.0
X	200-240	50/60	1/3	2/3+PE	12	15	16	14/2.5		N/A	N/A	N/A	N/A
									Alternative Electric Heat Options				
N	440-480	50/60	3	3+PE					3x3 kW + 3x2 kW	26	30	30	10/6.0
P	380-415	50/60	3	3+N+PE						34	40	40	8/10.0
Q	200-240	50/60	3	3+PE						50	60	60	6/16.0
X	200-240	50/60	1/3	2/3+PE						50	60	60	6/16.0
N	440-480	50/60	3	3+PE					3x3 kW + 3x4 kW	34	40	40	8/10.0
P	380-415	50/60	3	3+N+PE						53	60	60	6/16.0
Q	200-240	50/60	3	3+PE						N/A	N/A	N/A	N/A
X	200-240	50/60	1/3	2/3+PE						N/A	N/A	N/A	N/A
N	440-480	50/60	3	3+PE					6x2 kW	21	30	30	10/6.0
P	380-415	50/60	3	3+N+PE						30	40	40	8/10.0
Q	200-240	50/60	3	3+PE						42	50	50	8/10.0
X	200-240	50/60	1/3	2/3+PE						N/A	N/A	N/A	N/A
N	440-480	50/60	3	3+PE					6x4 kW	39	50	50	8/10.0
P	380-415	50/60	3	3+N+PE						47	60	60	6/16.0
Q	200-240	50/60	3	3+PE						N/A	N/A	N/A	N/A
X	200-240	50/60	1/3	2/3+PE						N/A	N/A	N/A	N/A

Table 14

Washer-Extractors

Specifications and Dimensions - Model IWF055 (M-speed)

Capacity (dry weight) Ratio (kg/l)	
1:11	46.95 lb. (21.3 kg)
1:10	51.58 lb. (23.4 kg)
1:9	57.32 lb. (26 kg)
Cylinder	
Cylinder diameter, in. (mm)	29.52 (750)
Cylinder depth, in. (mm)	20.86 (530)
Cylinder volume, ft. ³ (l)	8.26 (234)
Cabinet	
Overall height, in. (mm)	54.17 (1376)
Overall width, in. (mm)	33.85 (860)
Overall depth, in. (mm)	41.25 (1048)
Front Loading	
Door opening size, in. (mm)	15.74 (400)
Height of door bottom above floor, in (mm)	19.68 (500)
Height of door center above floor, in (mm)	27.55 (700)
Speed	
Wash	10-50 tr/min - RPM
Distribution	85 tr/min - RPM
Spin	628 tr/min - RPM
G-factor	
Spin	165
Motor (3 phase), 4p, 1470 tr/min	2.6 HP/2.2 kW
Drain Valve, in. (mm)	3 (76)
Water Supply (hard, soft, warm water), in. (mm)	.75 (19)
Direct Steam Heating	
Steam inlet connection size, in. (mm)	.5 (13)
Electrical	
Electrical Heating (230/400 V)	12 kW - 15 kW - 18 kW
Electrical Heating (400V)	21 kW - 24 kW
Steam	Not Applicable
Warm Water (without additional heating)	Not Applicable
Warm Water (with additional heating)	Not Applicable
Packing Dimensions (height X width X depth), in. (mm)	61.41 X 38.58 X 44.88 (1560 X 980 X 1140)
Weight	
Net weight, lb. (kg)	844.37 (383)
Gross weight, lb. (kg)	954.60 (433)

Machine Dimensions - Model IWF055 (M-speed)

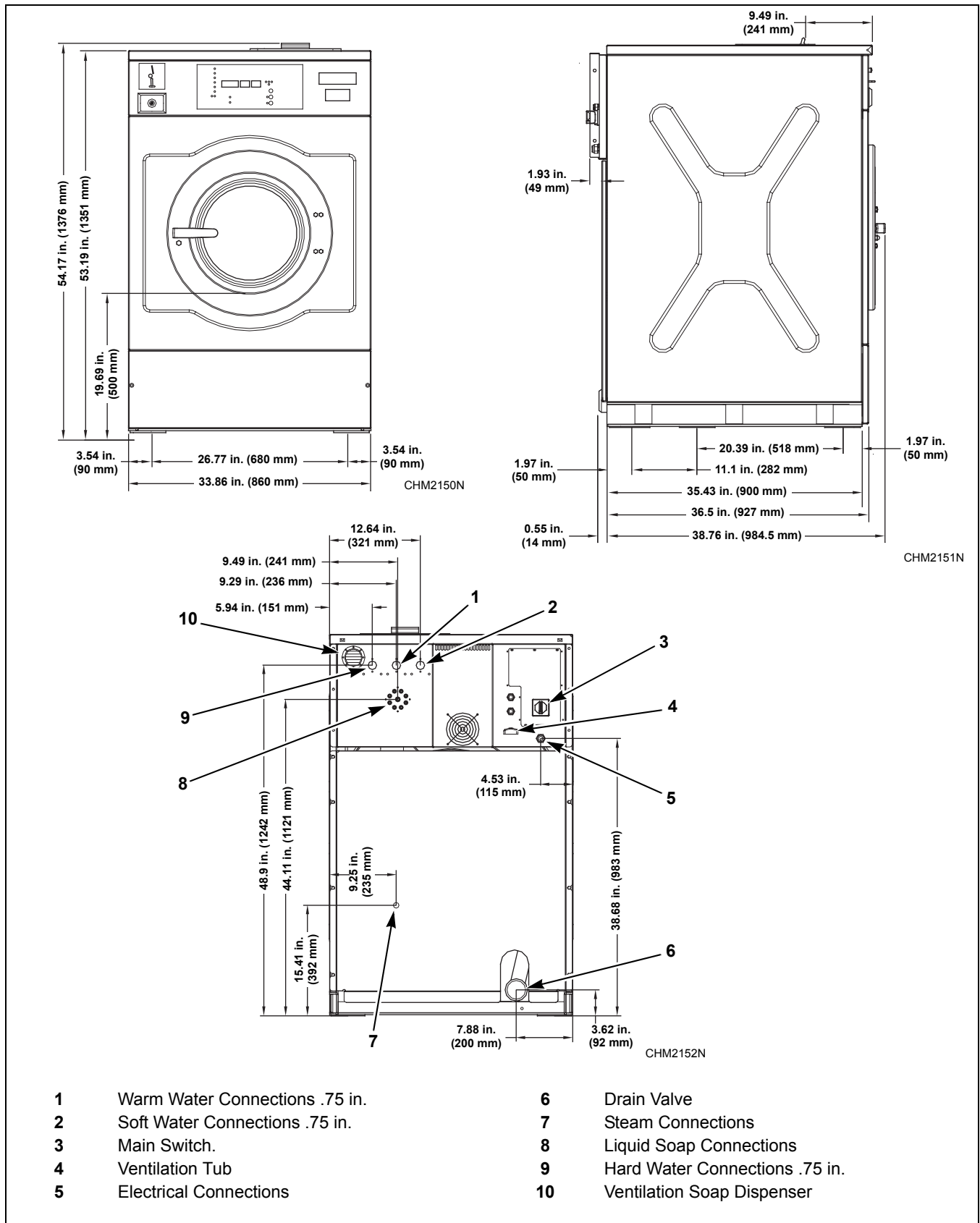


Figure 39

Mounting Bolt Hole Locations - Model IWF055 (M-speed)

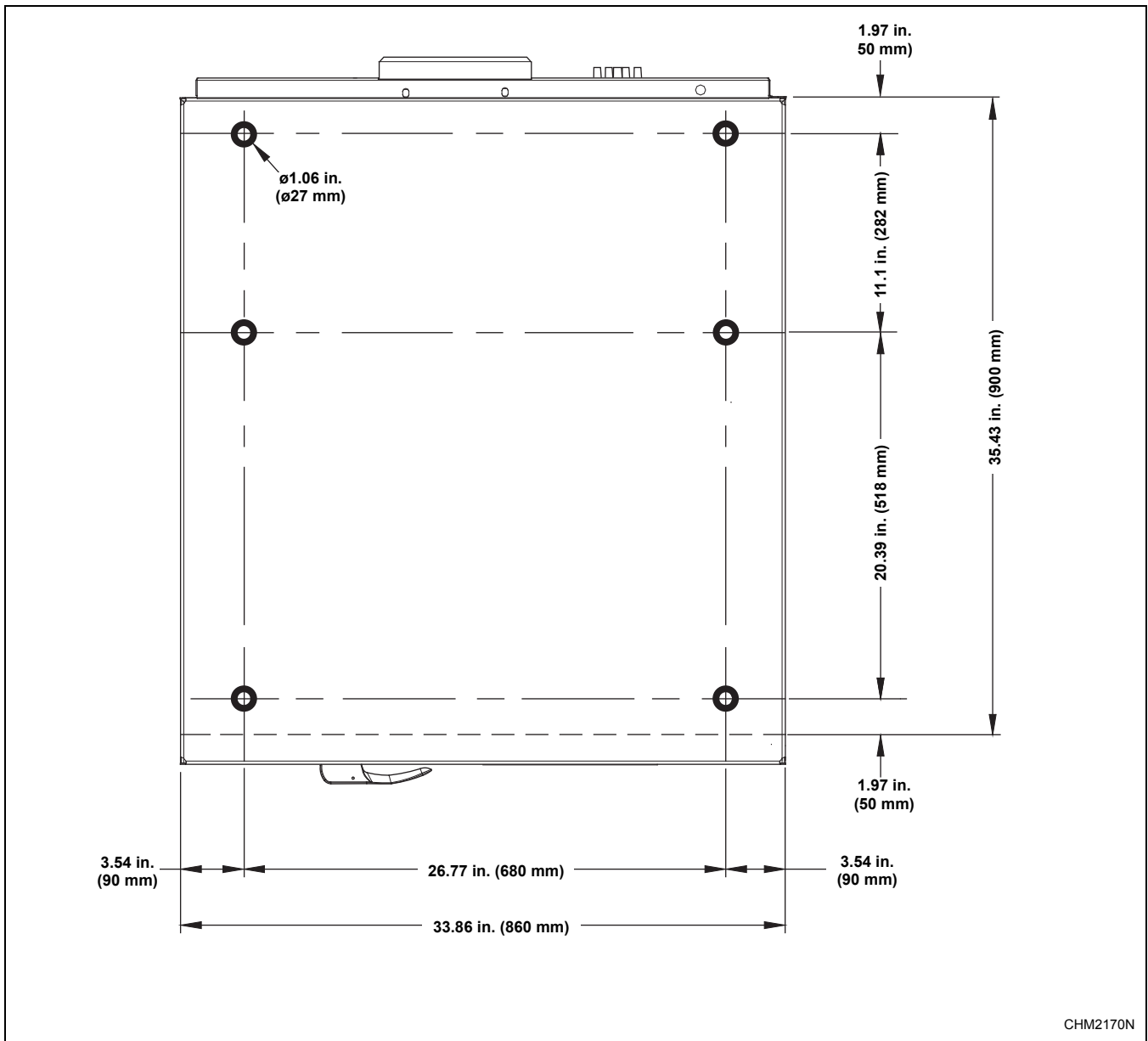



Figure 40

	WARNING
<p>Only trained personnel should perform this procedure. Use caution while servicing machines with covers removed and power applied.</p>	
W700	

Electrical Installation Requirements - Model IWF055 (M-speed)

					Boiler Fed/Steam Heat			Electric Heat					
Code	Voltage	Cycle	Phase	Wire	Full Load Amps	Recommended Circuit Breaker (US-market)		AWG/mm ²	kW Standard Heating Elements	Full Load Amps	Recommended Circuit Breaker (US-market)		AWG/mm ²
						US	NON-US				US	NON-US	
N	440-480	50/60	3	3+PE	6	15	10	14/2.5	6x3 kW	32	40	40	8/10.0
P	380-415	50/60	3	3+N+PE	16	20	20	12/4.0		43	50	50	8/10.0
Q	200-240	50/60	3	3+PE	16	20	20	12/4.0		62	70	70	4/25.0
X	200-240	50/60	1/3	2/3+PE	16	20	20	12/4.0		N/A	N/A	N/A	N/A
									Alternative Electric Heat Options				
N	440-480	50/60	3	3+PE					3x3 kW + 3x2 kW	27	30	32	10/6.0
P	380-415	50/60	3	3+N+PE		40	50	50		8/10.0			
Q	200-240	50/60	3	3+PE		56	60	60		6/16.0			
X	200-240	50/60	1/3	2/3+PE		N/A	N/A	N/A		N/A			
N	440-480	50/60	3	3+PE					3x3 kW + 3x4 kW	36	40	40	8/10.0
P	380-415	50/60	3	3+N+PE		48	50	50		8/10.0			
Q	200-240	50/60	3	3+PE		N/A	N/A	N/A		N/A			
X	200-240	50/60	1/3	2/3+PE		N/A	N/A	N/A		N/A			
N	440-480	50/60	3	3+PE					6x2 kW	23	30	25	10/6.0
P	380-415	50/60	3	3+N+PE		35	40	40		8/10.0			
Q	200-240	50/60	3	3+PE		48	50	50		8/10.0			
X	200-240	50/60	1/3	2/3+PE		N/A	N/A	N/A		N/A			
N	440-480	50/60	3	3+PE					6x4 kW	40	50	50	8/10.0
P	380-415	50/60	3	3+N+PE		53	60	60		8/10.0			
Q	200-240	50/60	3	3+PE		N/A	N/A	N/A		N/A			
X	200-240	50/60	1/3	2/3+PE		N/A	N/A	N/A		N/A			

Table 15

Washer-Extractors

Specifications and Dimensions - Model IWF075 (M-speed)

Capacity (dry weight) Ratio (kg/l)	
1:11	61.72 lb. (28 kg)
1:10	67.02 lb. (30.4 kg)
1:9	73.41 lb. (33.3 kg)
Cylinder	
Cylinder diameter, in. (mm)	33.46 (850)
Cylinder depth, in. (mm)	21.14 (537)
Cylinder volume, ft. ³ (l)	10.73 (304)
Cabinet	
Overall height, in. (mm)	55.55 (1411)
Overall width, in. (mm)	38.97 (990)
Overall depth, in. (mm)	46.85 (1190)
Front Loading	
Door opening size, in. (mm)	15.74 (400)
Height of door bottom above floor, in (mm)	19.68 (500)
Height of door center above floor, in (mm)	27.55 (700)
Speed	
Wash	10-50 tr/min - RPM
Distribution	85 tr/min - RPM
Spin	590 tr/min - RPM
G-factor	
Spin	165
Motor (3 phase), 4p, 1470 tr/min	4.02 HP/3 kW
Drain Valve, in. (mm)	3 (76)
Water Supply (hard, soft, warm water), in. (mm)	.75 (19)
Direct Steam Heating	
Steam inlet connection size, in. (mm)	.5 (13)
Electrical	
Electrical Heating (230/400 V)	12 kW - 15 kW - 18 kW
Electrical Heating (400 V)	21 kW - 24 kW
Steam	Not Applicable
Warm Water (without additional heating)	Not Applicable
Warm Water (with additional heating)	Not Applicable
Packing Dimensions (height X width X depth), in. (mm)	61.41 X 44.09 X 51.18 (1560 X 1120 X 1300)
Weight	
Net weight, lb. (kg)	1177.26 (534)
Gross weight, lb. (kg)	1287.49 (584)

Machine Dimensions - IWF075 (M-speed)

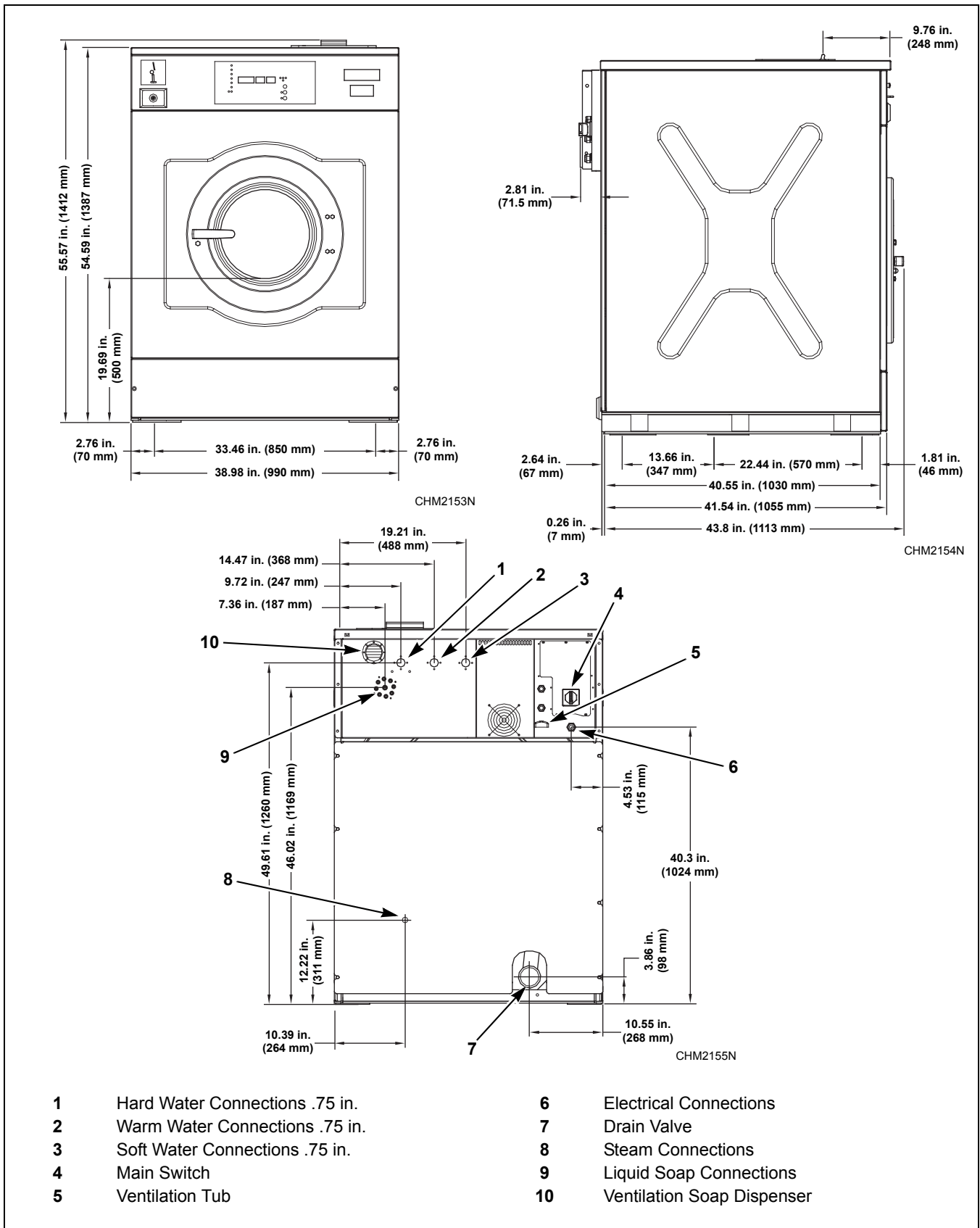


Figure 41

Mounting Bolt Hole Locations - Model IWF075 (M-speed)

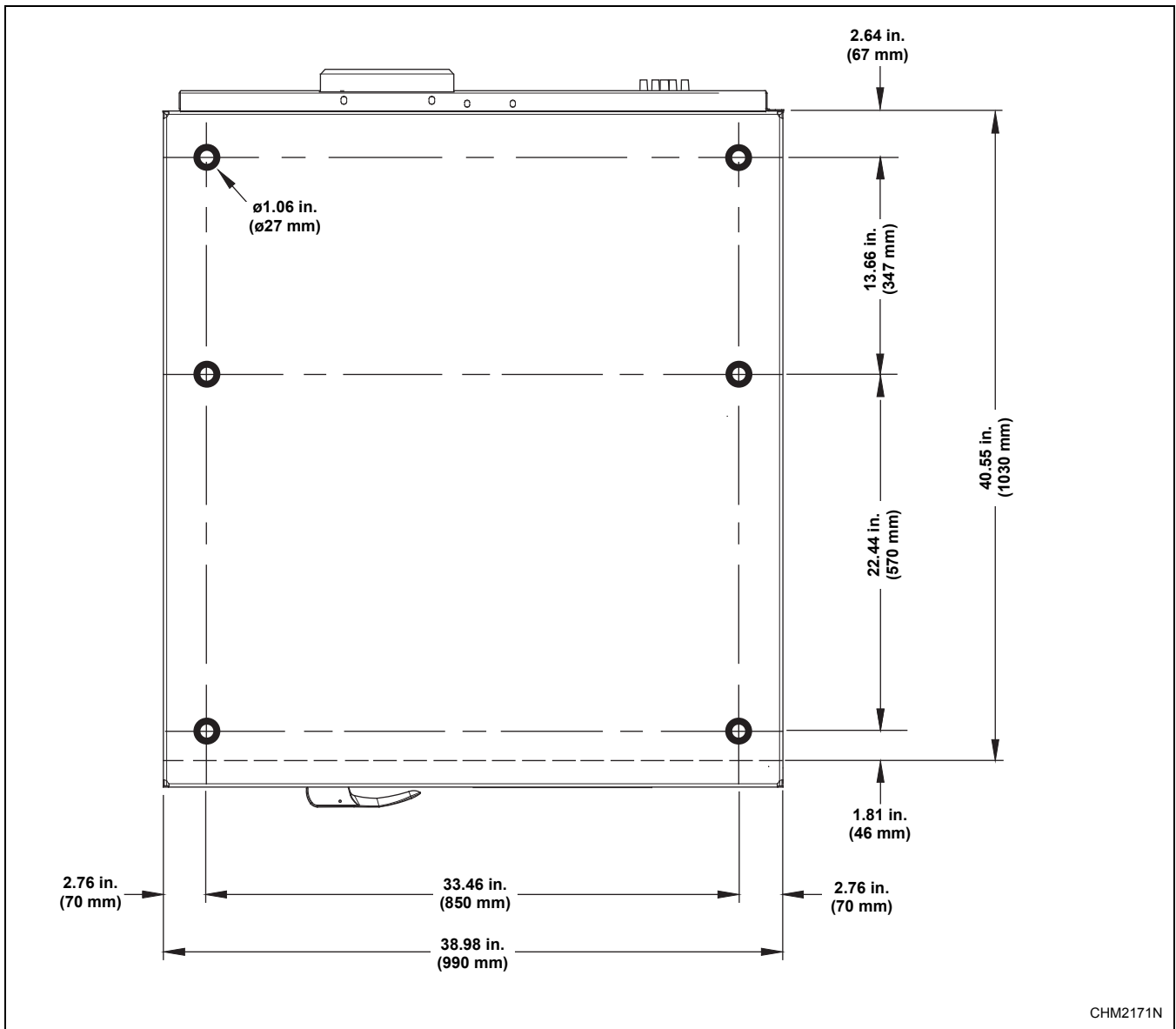



Figure 42

	WARNING
<p>Only trained personnel should perform this procedure. Use caution while servicing machines with covers removed and power applied.</p>	
W700	


Electrical Installation Requirements - Model IWF075 (M-speed)

Code	Voltage	Cycle	Phase	Wire	Boiler Fed/Steam Heat			Electric Heat					
					Full Load Amps	Recommended Circuit Breaker (US-market)		kW Standard Heating Elements	Full Load Amps	Recommended Circuit Breaker (US-market)		AWG/mm ²	
						US	NON-US			US	NON-US		
N	440-480	50/60	3	3+PE	7	15	10	14/2.5	6x4 kW	42	50	50	8/10.0
P	380-415	50/60	3	3+N+PE	25	30	30	10/6.0		60	70	70	4/25.0
Q	200-240	50/60	3	3+PE	25	30	30	10/6.0	6x3 kW	70	80	80	4/25.0
X	200-240	50/60	1/3	2/3+PE	25	30	30	10/6.0		N/A	N/A	N/A	N/A
									Alternative Electric Heat Options				
N	440-480	50/60	3	3+PE					3x3 kW + 3x4 kW	38	50	50	8/10.0
P	380-415	50/60	3	3+N+PE						55	70	70	4/25.0
Q	200-240	50/60	3	3+PE						N/A	N/A	N/A	N/A
X	200-240	50/60	1/3	2/3+PE						N/A	N/A	N/A	N/A

Table 16

Installation

Models IWF033, IWF040, IWF055 and IWF075 (M-speed)

	<h3>CAUTION</h3>
<p>Ensure that the machine is installed on a level floor of sufficient strength and that the recommended clearances for inspection and maintenance are provided. Never allow the inspection and maintenance space to be blocked.</p>	
<small>SW020</small>	

Surface

The machine must be securely fixed on a flat surface (metal base, concrete or solid ground). The anchoring is to be done on the 6 provided places in the holes on the corners of the base. (See Mounting Bolt Hole Locations). Refer to *Figure 43*.

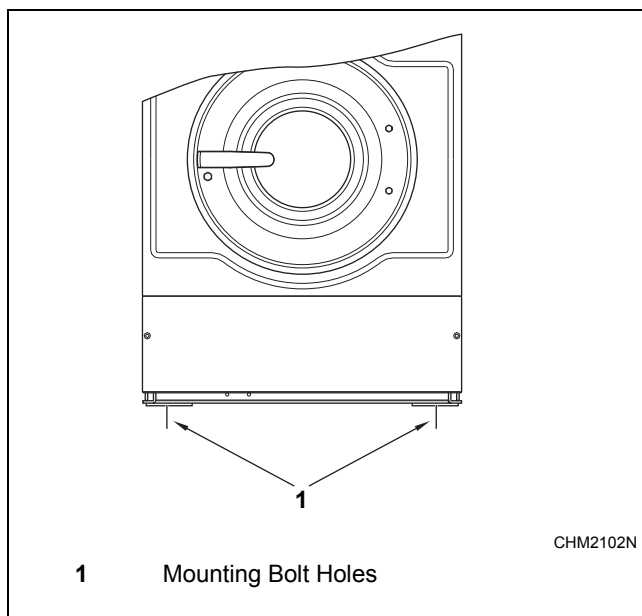


Figure 43

The machine must be placed entirely level. For easy maintenance it is recommended to keep a minimal distance of 23.62 in. (600 mm) between the wall and the back of the machine.

If several machines are placed next to each other, there should be a minimal distance of 1.18 in. (30 mm) between each machine.

Anchoring to Metal Base

The machines must be fixed on a metal base which is securely anchored on a concrete base. Refer to *Figure 44*.

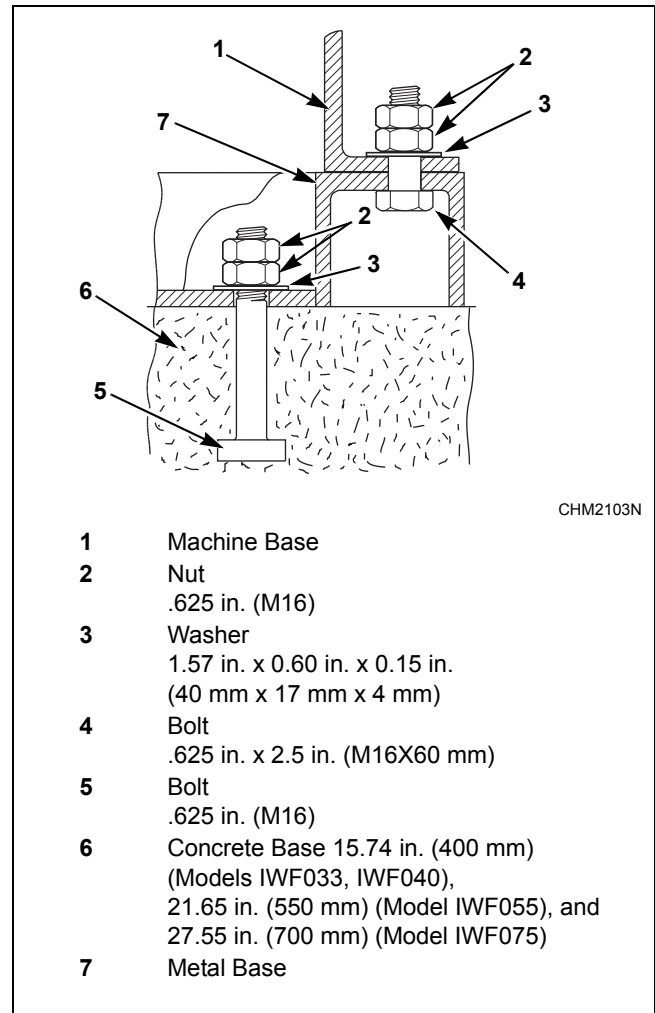


Figure 44

Directly to Concrete Base

The machine must be anchored directly to concrete base. Refer to *Figure 45*.

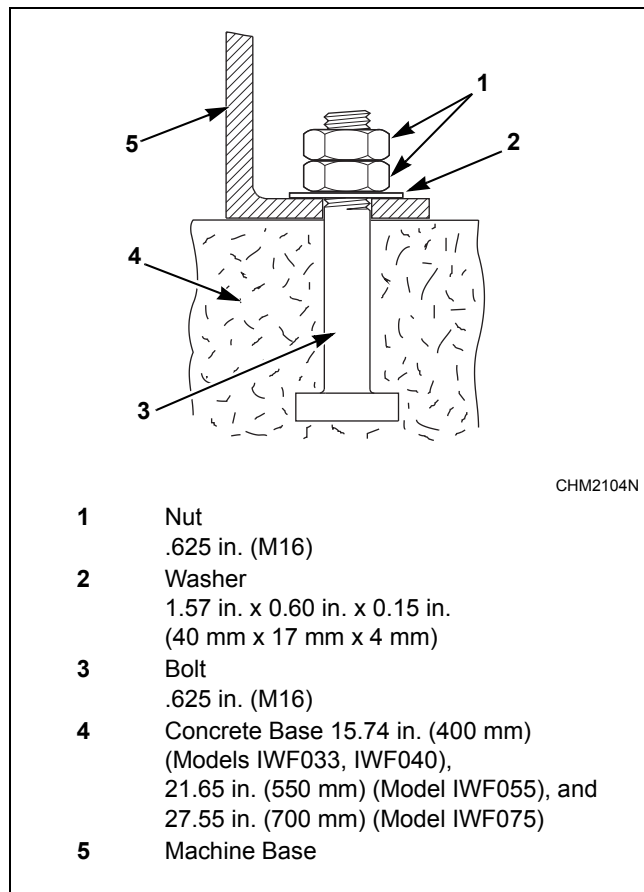


Figure 45

IMPORTANT: Machine bolts should be re-checked on a quarterly basis.

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