

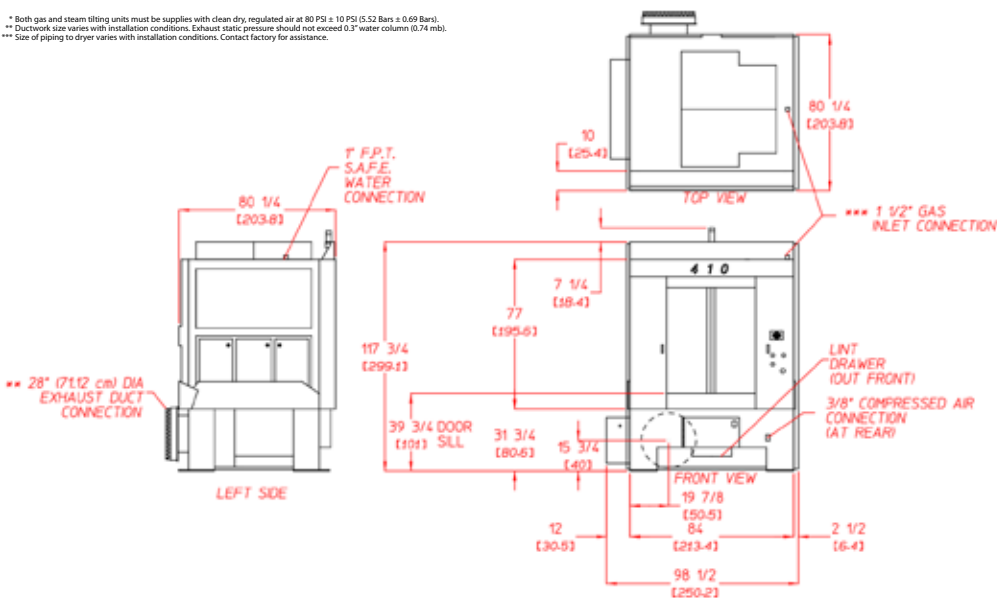
# AD-410 Models

AD-410			
MAXIMUM CAPACITY (DRY WEIGHT)	410 lb	185.97 kg	
TUMBLER DIAMETER	68-3/4"	174.63 cm	
TUMBLER DEPTH	66-3/8"	168.61 cm	
TUMBLER VOLUME	143 cu ft	4049.309 L	
TUMBLER/DRIVE MOTOR	7-1/2 hp	5.59 kW	
BLOWER/FAN MOTOR (GAS / STEAM)	15 hp / 25 hp	11.2 kW / 18.7 kW	
DOOR OPENING	38" w x 50" h	96.52 cm x 127 cm	
DOOR SILL HEIGHT	39-3/4"	100.97 cm	
WATER CONNECTION	1" F.N.P.T.		
DRYERS PER 20'/40' CONTAINER	1 / 3		
DRYERS PER 48'/53' TRUCK	3 / 4		
VOLTAGE AVAILABLE	208-575v	3ø	3,4w 50/60 Hz
APPROX. NET WEIGHT	6,300 lb	2,857.63 kg	
APPROX. SHIPPING WEIGHT	6,800 lb	3,084.43 kg	
AIRFLOW	9,200 cfm	260.52 cmm	
HEAT INPUT	1,400,000 Btu/hr	352,794 kcal/hr	
EXHAUST CONNECTION (DIAMETER)	28"	71.12 cm	
COMPRESSED AIR CONNECTION	3/8" F.N.P.T.		
COMPRESSED AIR VOLUME (1-WAY / 2-WAY)	5-1/2 cfh / 7 cfh	0.16 cmm / 0.2 cmm	
INLET PIPE CONNECTION	1-1/2" F.N.P.T.		
VOLTAGE AVAILABLE	N / A		
APPROX. NET WEIGHT	N / A		
APPROX. SHIPPING WEIGHT	N / A		
AIRFLOW	N / A		
EXHAUST CONNECTION (DIAMETER)	N / A		
COMPRESSED AIR CONNECTION	N / A		
COMPRESSED AIR VOLUME (1-WAY / 2-WAY)	N / A		
OVEN SIZE			
kW	Btu/hr	kcal/hr	
VOLTAGE AVAILABLE	208-575v	3ø	3,4w 50/60 Hz
APPROX. NET WEIGHT	6,800 lb	3,084.43 kg	
APPROX. SHIPPING WEIGHT	7,300 lb	3,311.22 kg	
AIRFLOW	10,300 cfm	291.66 cmm	
STEAM CONSUMPTION	1,257 lb/hr	570.17 kg/hr	
OPERATING STEAM PRESSURE	125 psi max	8.62 bar	
EXHAUST CONNECTION (DIAMETER)	28"	71.12 cm	
COMPRESSED AIR CONNECTION	3/8" F.N.P.T.		
COMPRESSED AIR VOLUME (1-WAY / 2-WAY)	5-1/2 cfh / 7 cfh	0.16 cmm / 0.2 cmm	
BOILER HORSEPOWER (NORMAL LOAD)	42 Bhp		
SUPPLY CONNECTION	2" M.N.P.T.		
RETURN CONNECTION	1-1/4" M.N.P.T.		

Shaded areas are stated in metric equivalents

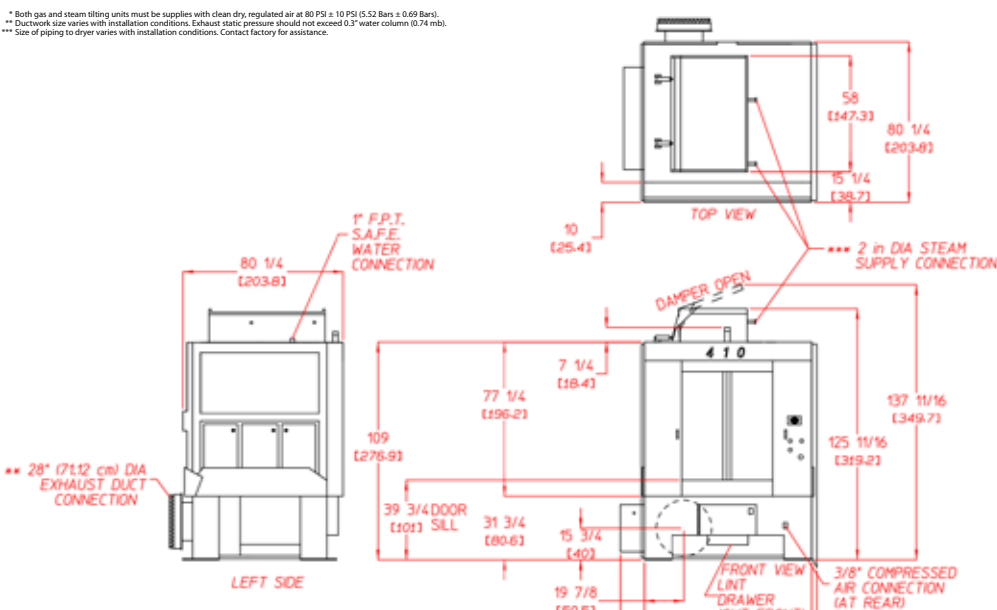
## AD-410 NON-TILT\* 1 DOOR GAS MODEL

\* Both gas and steam tilting units must be supplied with clean dry, regulated air at 80 PSI ± 10 PSI (5.52 Bars ± 0.69 Bars).  
 \*\* Ductwork size varies with installation conditions. Exhaust static pressure should not exceed 0.3" water column (0.74 mb).  
 \*\*\* Size of piping to dryer varies with installation conditions. Contact factory for assistance.



## AD-410 NON-TILT\* 1 DOOR STEAM MODEL

\* Both gas and steam tilting units must be supplied with clean dry, regulated air at 80 PSI ± 10 PSI (5.52 Bars ± 0.69 Bars).  
 \*\* Ductwork size varies with installation conditions. Exhaust static pressure should not exceed 0.3" water column (0.74 mb).  
 \*\*\* Size of piping to dryer varies with installation conditions. Contact factory for assistance.



### Gas, 1 Door, All Tilt, \*Rear Exhaust\* - Electrical Service Specifications

**IMPORTANT:** 208 VAC and 230/240 VAC are not the same. When ordering, specific voltage.

**NOTES:** A. Circuit breakers are thermal/magnetic (industrial) motor curve type ONLY. For others calculate/verify correct breakers size according to appliance amp draw rating and type of breaker to be used.  
 B. Circuit breakers for 3ø dryers must be 3-pole type.

Voltage	Phase	Wire Service	Hz	Total Current	Circuit Breaker	Fuse	Wire Size
208	3	3/4	60	70	100	100	3
220	3	3	60	68	100	100	3
240	3	3	60	66	90	90	3
230	3	3	60	66	90	90	3
460	3	3	60	34	60	60	6
480	3	3	60	34	60	60	6
575	3	3	60	27	45	45	8
230	3	3	50	75	100	100	3
380	3	3/4	50	39	60	60	6
400	3	3/4	50	37	60	60	6
416	3	3/4	50	37	60	60	6

### Steam, All Door, All Tilt, \*Side Exhaust\* - Electrical Service Specifications

**IMPORTANT:** 208 VAC and 230/240 VAC are not the same. When ordering, specific voltage.

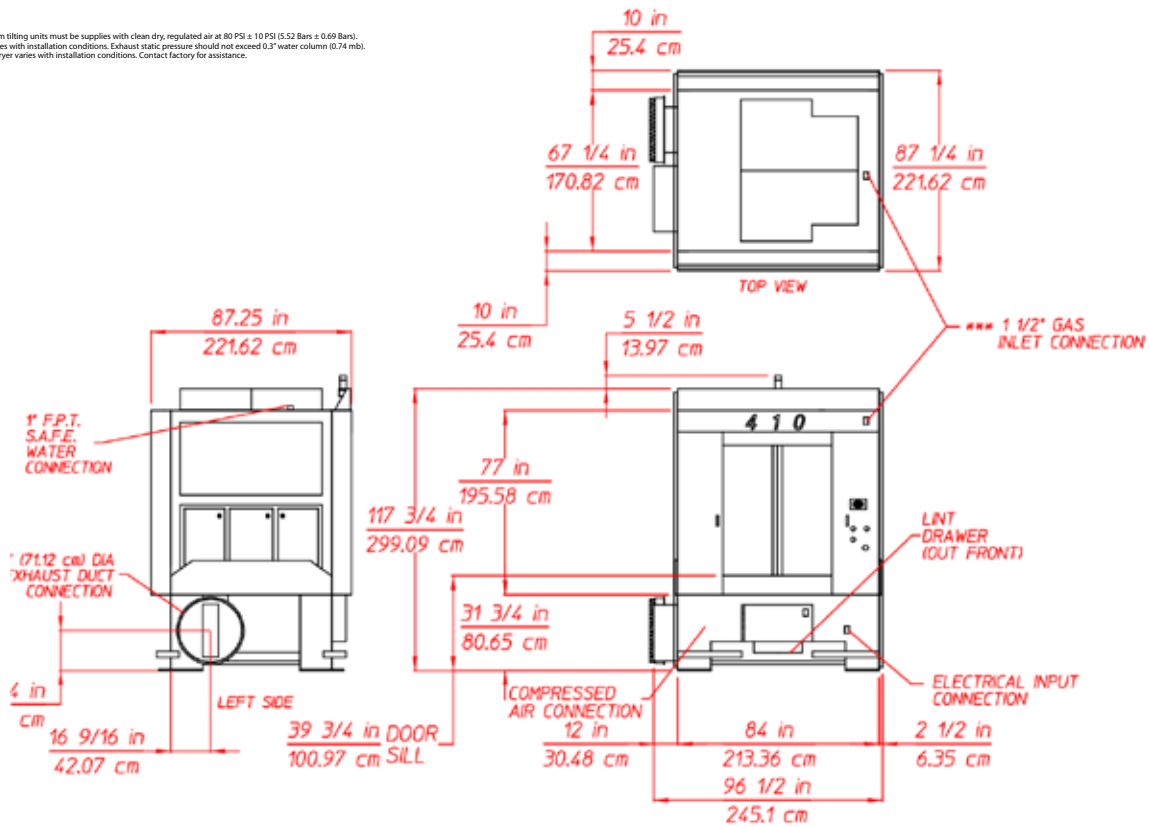
**NOTES:** A. Circuit breakers are thermal/magnetic (industrial) motor curve type ONLY. For others calculate/verify correct breakers size according to appliance amp draw rating and type of breaker to be used.  
 B. Circuit breakers for 3ø dryers must be 3-pole type.

Voltage	Phase	Wire Service	Hz	Total Current	Circuit Breaker	Fuse	Wire Size
208	3	3/4	60	103	150	150	1/0
230	3	3	60	95	150	150	1/0
240	3	3	60	88	125	125	
380	3	3	60	60	80	80	
460	3	3	60	48	70	70	4
480	3	3	60	48	70	70	4
575	3	3	60	38	60	60	6
230	3	3	50	98	150	150	1/0
380	3	3/4	50	54	80	80	4
400	3	3/4	50	54	80	80	4
416	3	3/4	50	53	80	80	4



# AD-410\* 2 DOOR GAS MODEL

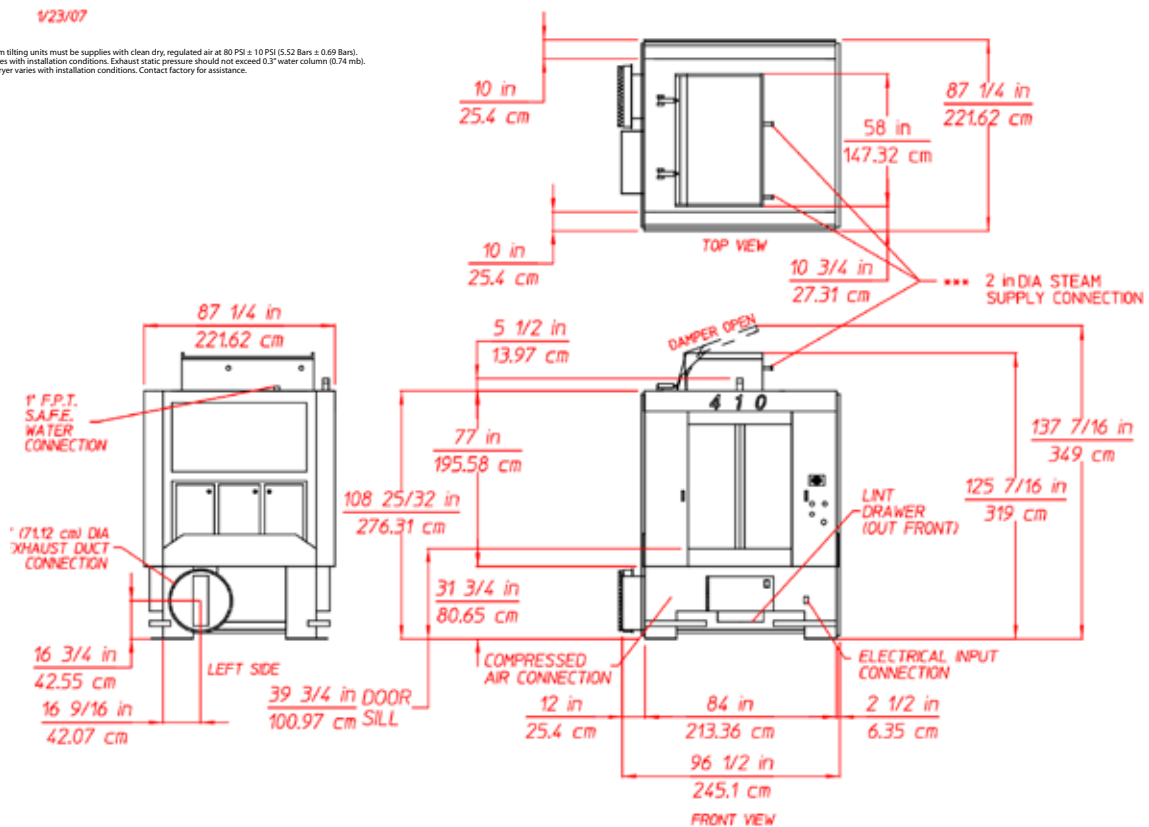
\* Both gas and steam filling units must be supplied with clean dry, regulated air at 80 PSI ± 10 PSI (5.52 Bars ± 0.69 Bars).  
 \*\* Ductwork size varies with installation conditions. Exhaust static pressure should not exceed 0.3" water column (0.74 mb).  
 \*\*\* Size of piping to dryer varies with installation conditions. Contact factory for assistance.



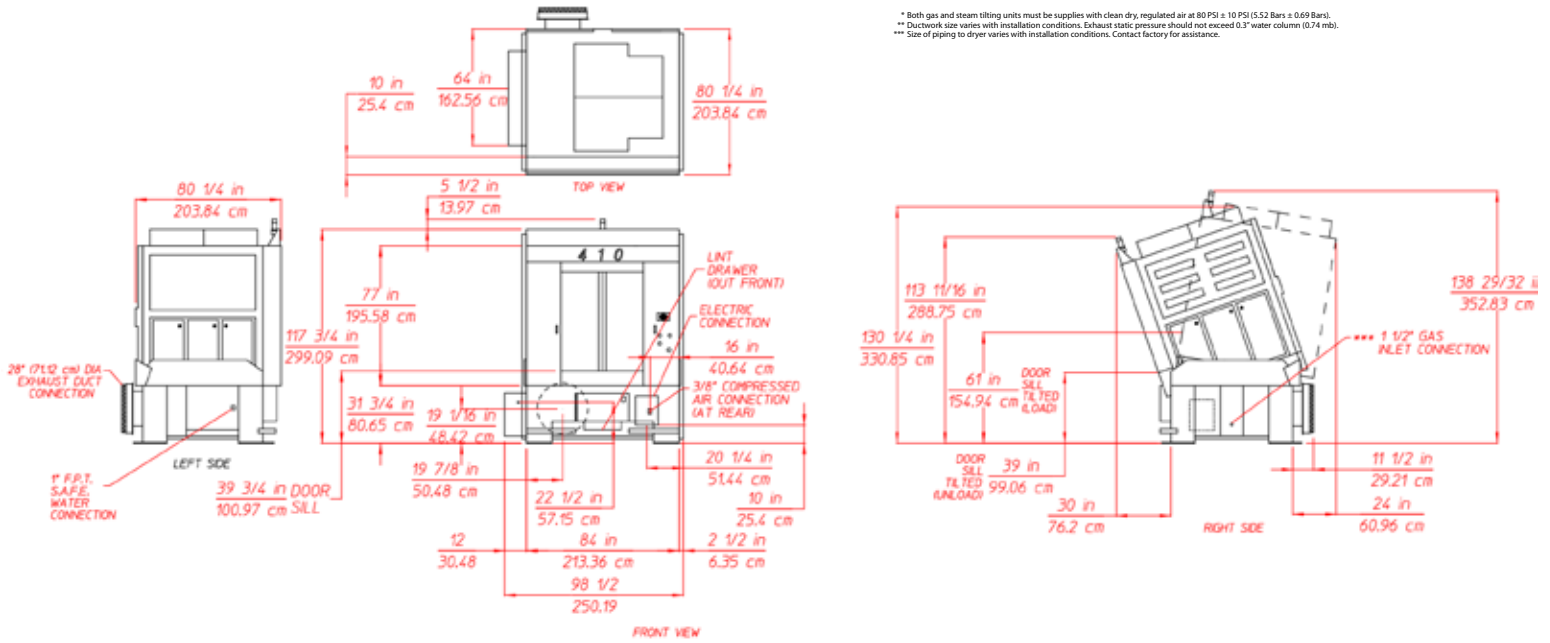
# AD-410\* 2 DOOR STEAM MODEL

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\* Both gas and steam filling units must be supplied with clean dry, regulated air at 80 PSI ± 10 PSI (5.52 Bars ± 0.69 Bars).  
 \*\* Ductwork size varies with installation conditions. Exhaust static pressure should not exceed 0.3" water column (0.74 mb).  
 \*\*\* Size of piping to dryer varies with installation conditions. Contact factory for assistance.

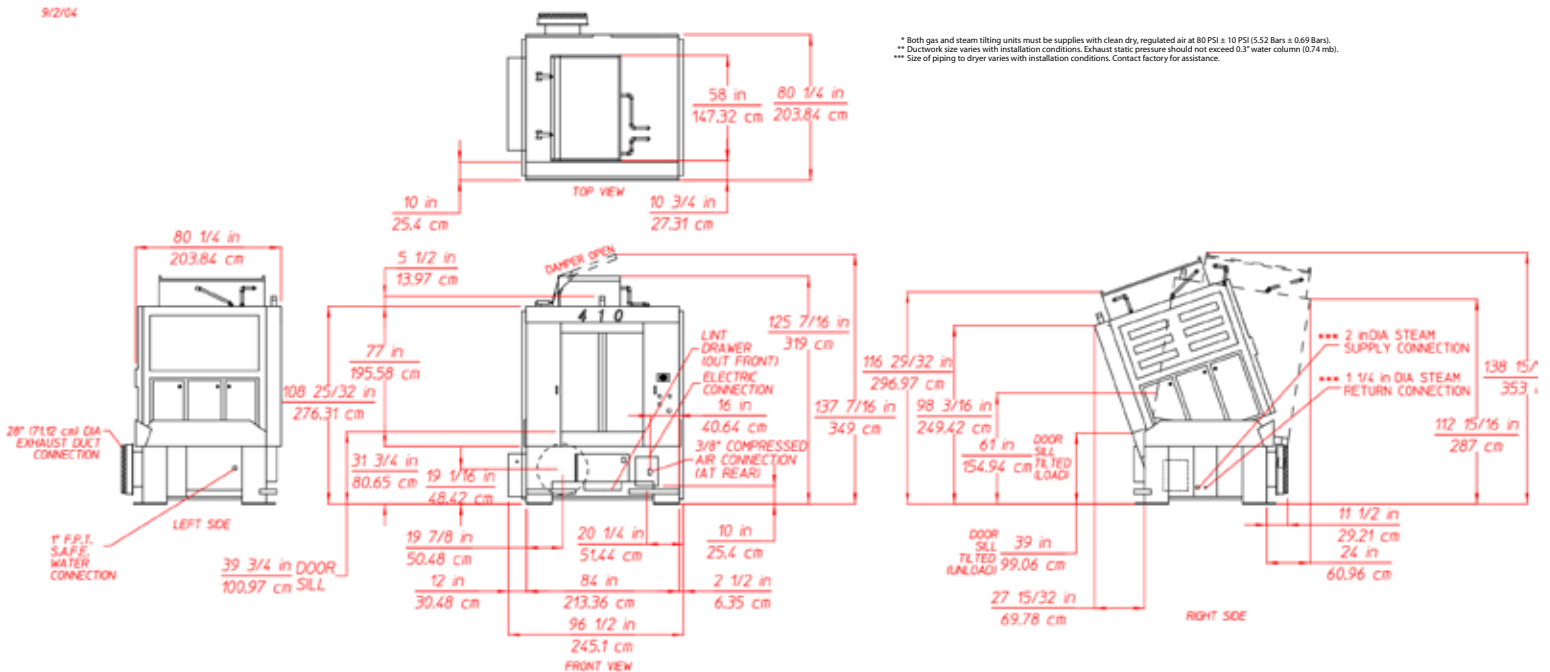


# AD-410 TILTING\* 1 DOOR/2-WAY TILT GAS MODEL



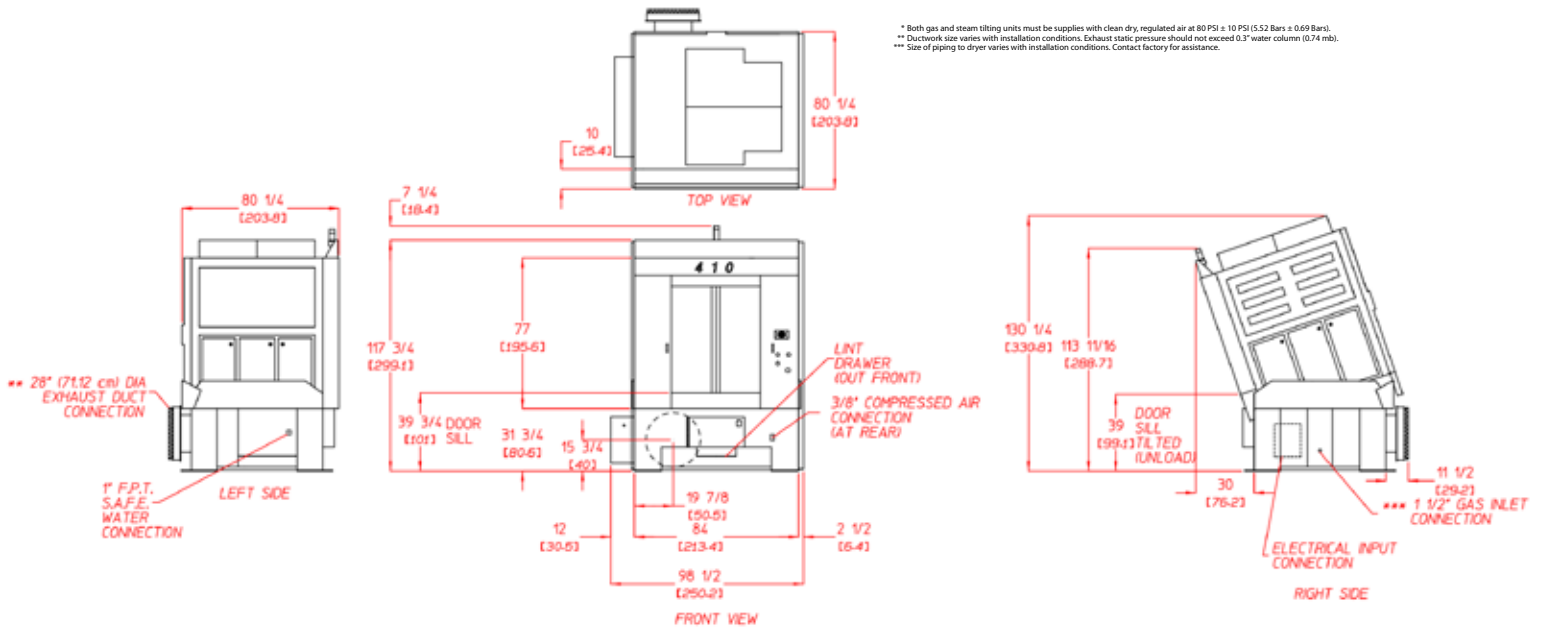
\* Both gas and steam tilting units must be supplied with clean dry, regulated air at 80 PSI ± 10 PSI (5.52 Bars ± 0.69 Bars).  
 \*\* Ductwork size varies with installation conditions. Exhaust static pressure should not exceed 0.3" water column (0.74 mb).  
 \*\*\* Size of piping to dryer varies with installation conditions. Contact factory for assistance.

# AD-410 TILTING\* 1 DOOR/2-WAY TILT STEAM MODEL

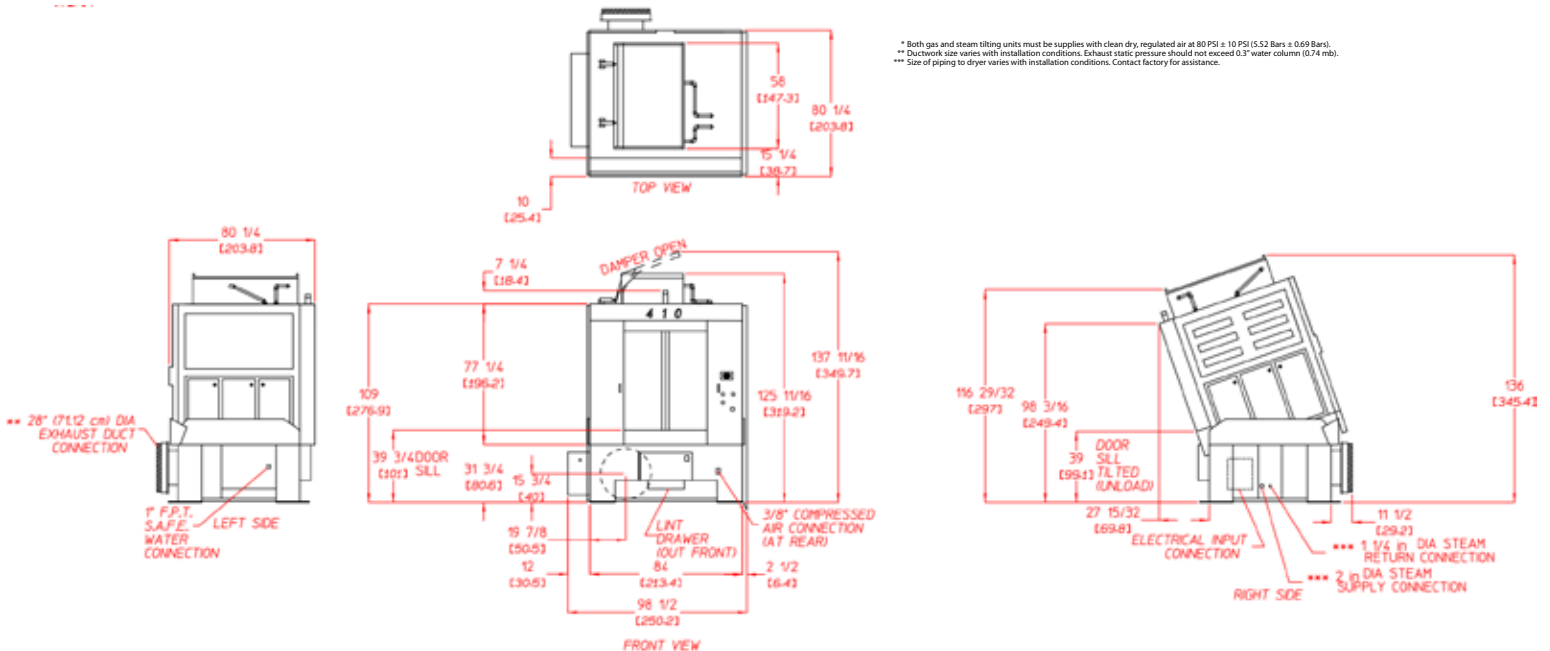


\* Both gas and steam tilting units must be supplied with clean dry, regulated air at 80 PSI ± 10 PSI (5.52 Bars ± 0.69 Bars).  
 \*\* Ductwork size varies with installation conditions. Exhaust static pressure should not exceed 0.3" water column (0.74 mb).  
 \*\*\* Size of piping to dryer varies with installation conditions. Contact factory for assistance.

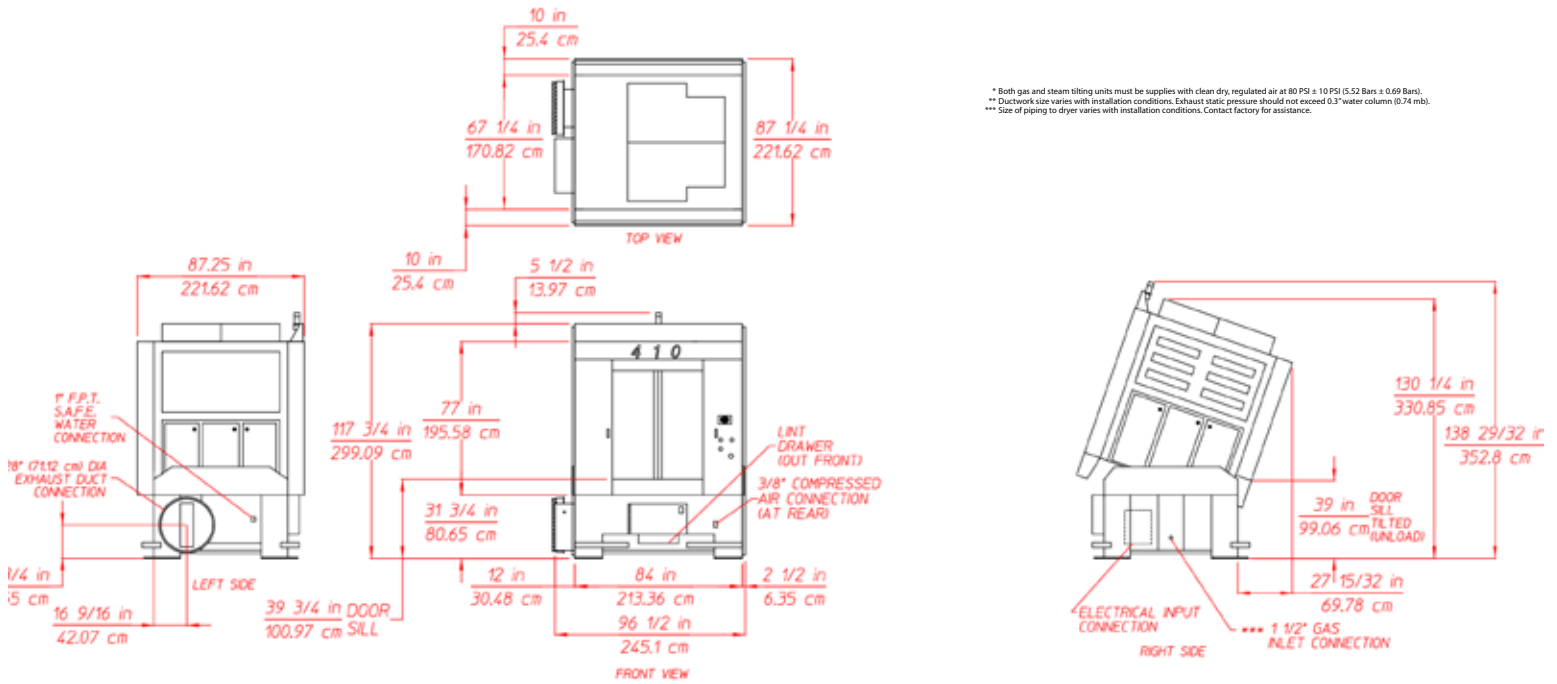
# AD-410 TILTING\* 1 DOOR/FORWARD TILT GAS MODEL



# AD-410 TILTING\* 1 DOOR/FORWARD TILT STEAM MODEL

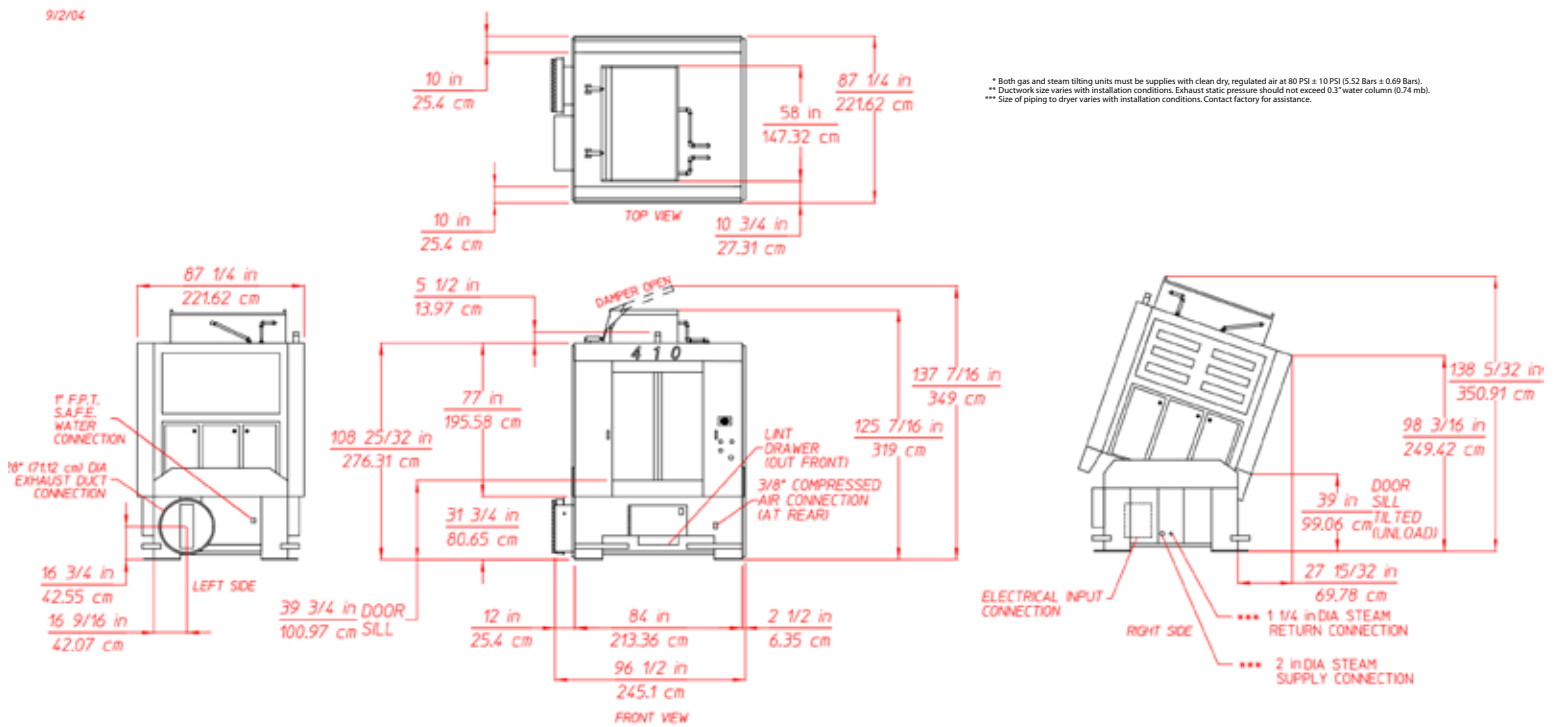


# AD-410 TILTING\* 2 DOOR/REAR TILT GAS MODEL



\* Both gas and steam tilting units must be supplied with clean dry, regulated air at 80 PSI ± 10 PSI (5.52 Bars ± 0.69 Bars).  
 \*\* Ductwork size varies with installation conditions. Exhaust static pressure should not exceed 0.3" water column (0.74 mb).  
 \*\*\* Size of piping to dryer varies with installation conditions. Contact factory for assistance.

# AD-410 TILTING\* 2 DOOR/REAR TILT GAS MODEL



\* Both gas and steam tilting units must be supplied with clean dry, regulated air at 80 PSI ± 10 PSI (5.52 Bars ± 0.69 Bars).  
 \*\* Ductwork size varies with installation conditions. Exhaust static pressure should not exceed 0.3" water column (0.74 mb).  
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