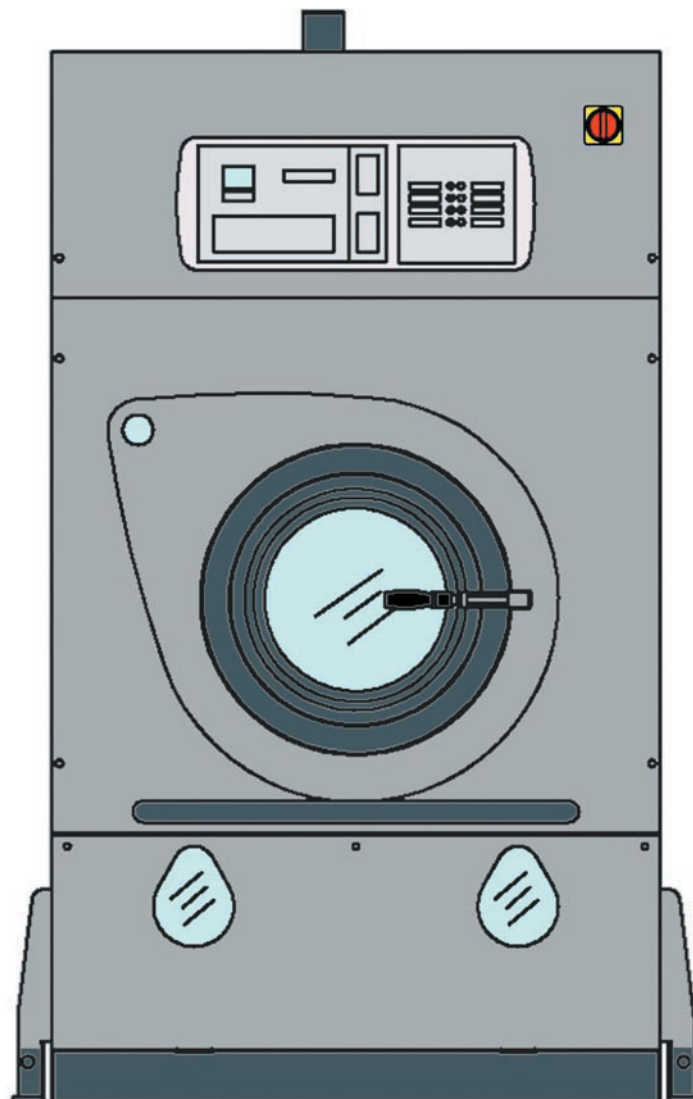




FIRBIMATIC

DRY CLEANING DIVISION

TECHNICAL INFORMATION



F18 AS ST2

F18 AS ST2

TECHNICAL INFORMATION

WORKING MACHINE WITH SOLVENT	HYDROCARBON	
MACHINE CAPACITY	18 Kg	40 Lbs

BASKET		
Diameter	900 mm	35.4 inches
Depth	535 mm	21 inches
Volume	340 Lt	12 cu.ft
Wash speed	20 ÷ 50 rpm	
Extract speed	300 ÷ 520 rpm	
Door opening	500 mm	20 inches

SOLVENT TANKS		
Useful volume tank 1	122 Lt	32 gal
Useful volume tank 2	122 Lt	32 gal
Useful volume tank 3	-	-
FLOOR SAFETY TANK CAPACITY	215 Lt	57 gal

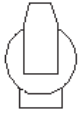
STILL		
Useful volume at half inspection	144 Lt	38 gal
Total volume	164 Lt	43.3 gal
Boiler water capacity	4 Lt	1.1 gal

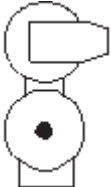
ELECTRIC POWER	400V - 3~50Hz		220V - 3~60Hz	
Wash - Extract (With Inverter)	*1.7÷4.7 Hp	*1.3÷3.5 Kw	*1.7÷4.7 Hp	*1.3÷3.5 Kw
Solvent pump motor	1 Hp	0.75 Kw	1 Hp	0.75 Kw
Fan motor	2 Hp	1.5 Kw	3.5 Hp	2.65 Kw
Refrigerator compressor	5 Hp	3.75 Kw	5 Hp	3.75 Kw
Nylon filter motor	0.75 Hp	0.55 Kw	0.75 Hp	0.55 Kw
Vacuum pump motor	0.5 Hp	0.38 Kw	0.5 Hp	0.38 Kw
Still electric elements	-	7.5 Kw	-	7.5 Kw
Heater electric elements	-	9 Kw	-	9 Kw
Air motor compressor (optional)	0.5 Hp	0.38 Kw	-	-

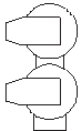
* POWER CHANGES ACCORDINGLY TO THE USE OF THE MACHINE


NOTE: Acoustic emission level of the machine is lower than 70 dB (A)

FILTRATION AVAILABLE IN THIS MODEL

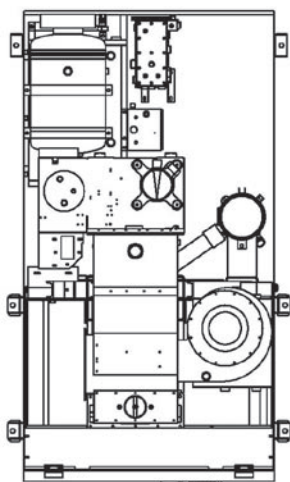
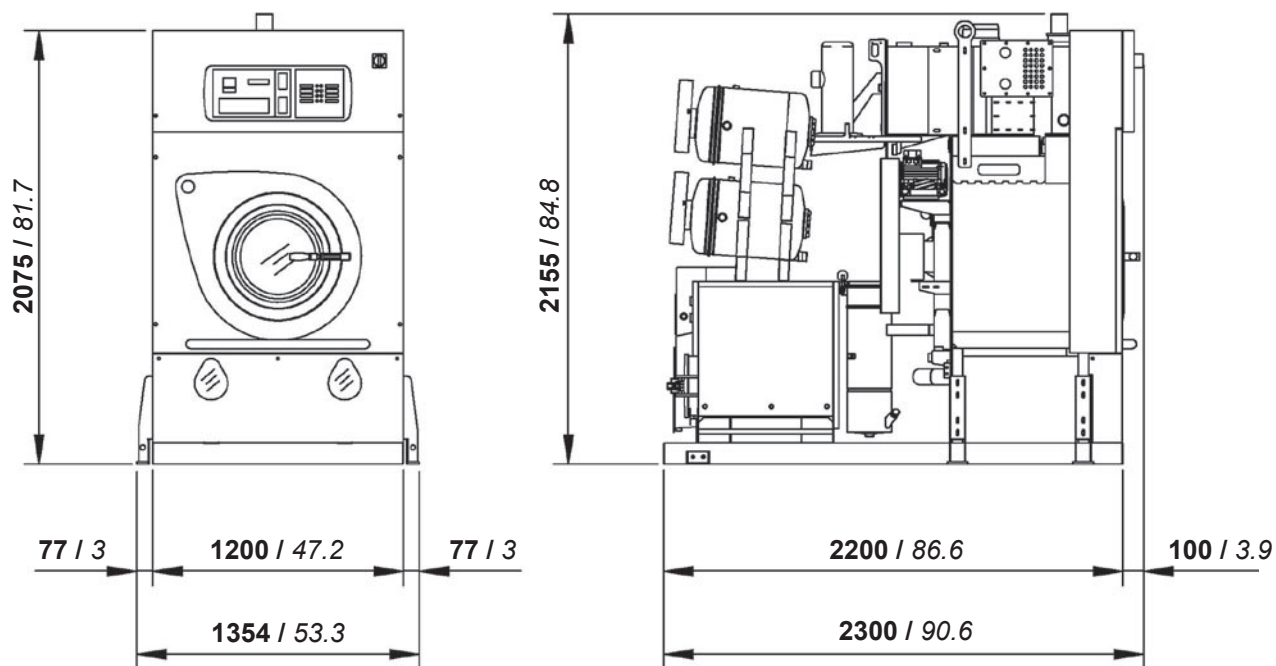
ONE NYLON FILTER			
	Volume nylon filter housing	55 Lt	<i>14,5 gal</i>
	Nylon filter area	3,9 mt²	<i>42 ft²</i>
	Filter disks	26 nr	

ONE NYLON FILTER AND ONE LARGE CARTRIDGE - KR			
	Volume nylon filter housing	55 Lt	<i>14,5 gal</i>
	Nylon filter area	3,9 mt²	<i>42 ft²</i>
	Filter disks	26 nr	
	Vol. large cartridge housing KR	55 Lt	<i>14,5 gal</i>
	Area large cartridge KR	2,6x2=5,2 mt²	<i>28x2=56 ft²</i>
	Cartridges quantity KR	nr 2	

TWO NYLON FILTER			
	Volume nylon filter housing	55x2=110 Lt	<i>137.4 gal</i>
	Nylon filter area	3,9x2=7,8 mt²	<i>42x2=84 ft²</i>
	Filter disks	26x2=52 nr	

ONE NYLON FILTER AND ONE DECOLORATING FILTER PR			
	Volume nylon filter housing	55 Lt	<i>14,5 gal</i>
	Nylon filter area	3,9 mt²	<i>42 ft²</i>
	Filter disks	26 nr	
	Decolorating housing volume PR	25 Lt	<i>6.6 gal</i>
	Decolorating cartridges	2 nr	
	Decolorating cabon quantity	4 kg	<i>8.8 Lbs</i>

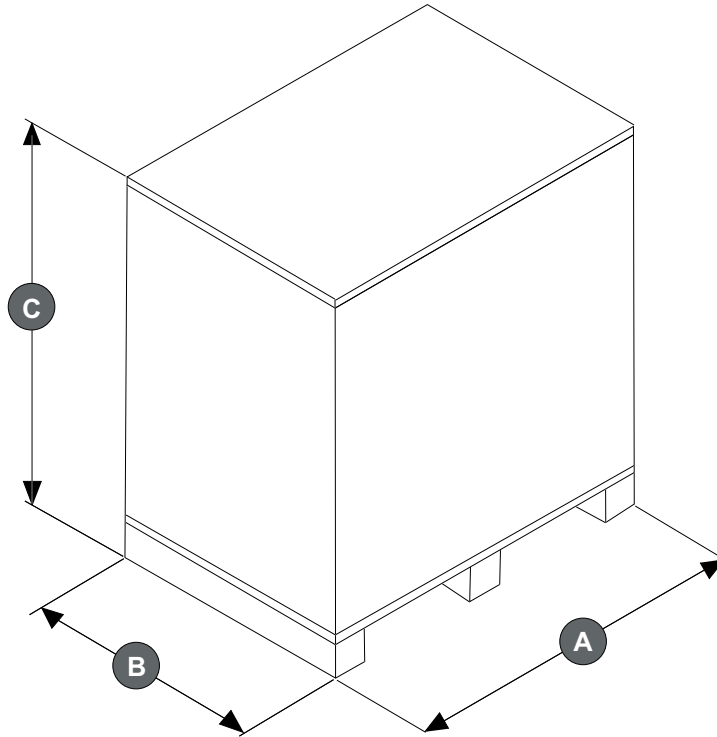
DIMENSIONS AND WEIGHTS



mm / inches

CHARGES		
Empty machine weight	1540 Kg	3395 Lbs
Machine weight with solvent	1813 Kg	3997 Lbs
Static charge on the floor with solvent	687 Kg/m²	141 Lbs/ft²
Dynamic charge on the floor (+10%)	1068 Kg/m²	219 Lbs/ft²

PACKAGED MACHINE DIMENSIONS AND WEIGHTS



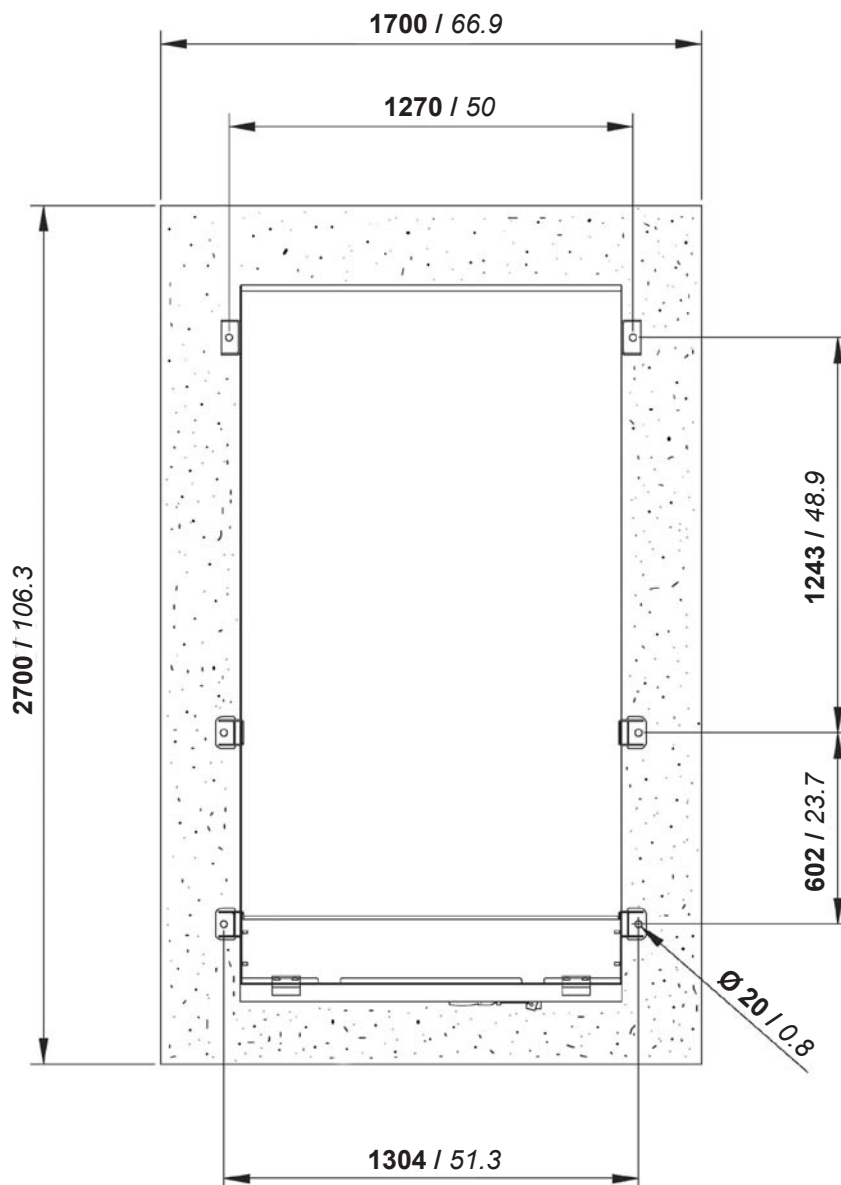
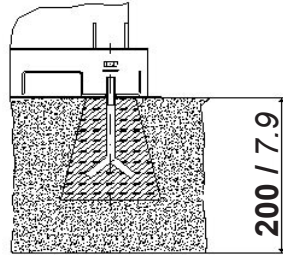
PACKAGED MACHINE DIMENSIONS							
Machine type		Carton		Wooden cage		Wooden case	
Standard	A	- mm	- inches	- mm	- inches	- mm	- inches
	B	- mm	- inches	- mm	- inches	- mm	- inches
	C	- mm	- inches	- mm	- inches	- mm	- inches

PACKAGED MACHINE WEIGHTS						
Machine type	Carton		Wooden cage		Wooden case	
Standard	- Kg	- Lbs	- Kg	- Lbs	- Kg	- Lbs

F18 AS ST2

USEFUL INSTALLATION INFORMATION

FIXING POINTS



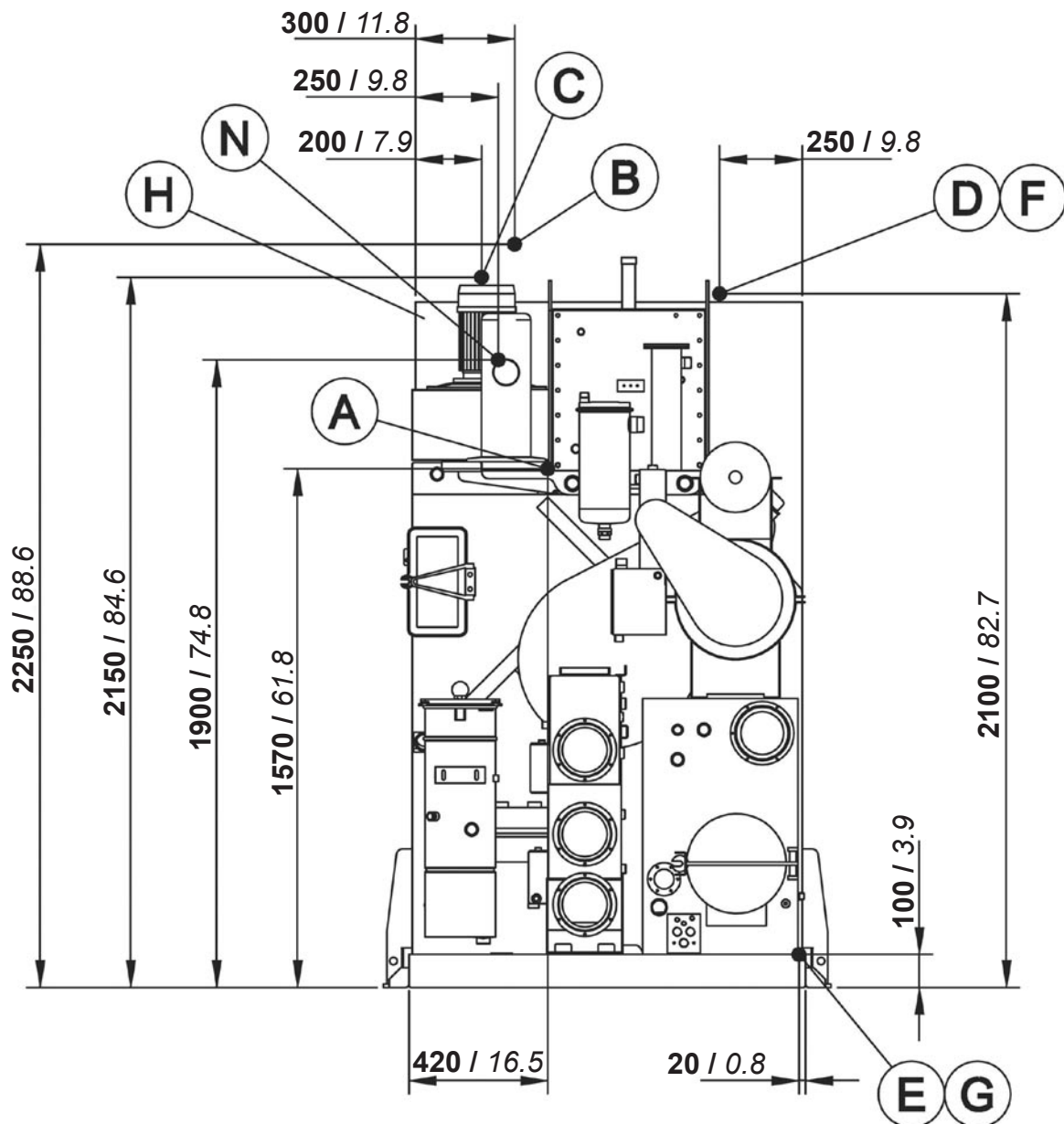
mm / inches



F18 AS ST2

USEFUL INSTALLATION INFORMATION

CONNECTIONS



mm / inches

A	Compressed air inlet	Ø 6mm	Ø 1/4"
B	Water inlet	Ø 3/4"	
C	Water outlet	Ø 3/4"	
D	Steam still inlet	Ø 1/2"	
E	Condensate still outlet	Ø 1/2"	
F	Steam heater inlet	Ø 1/2"	
G	Condensate heater outlet	Ø 1/2"	
H	Electric connection		
N	Nitrogen feeding connection (N ₂)		

SOLVENT TYPE	HYDROCARBON			
NECESSARY QUANTITY OF SOLVENT TO FILL THE MACHINE				
Machine version - without Filters	244 Lt	188 Kg	<i>64.5 gal</i>	<i>414 Lbs</i>
Machine version - 1 Nylon Filter	299 Lt	230 Kg	<i>79 gal</i>	<i>507 Lbs</i>
Machine version - 1 Nylon Filter + 1 KR	354 Lt	273 Kg	<i>93.5 gal</i>	<i>602 Lbs</i>
Machine version - 2 Nylon Filters	354 Lt	273 Kg	<i>93.5 gal</i>	<i>602 Lbs</i>
Machine version - 1 Nylon Filter + 1 Deco	324 Lt	249 Kg	<i>86 gal</i>	<i>549 Lbs</i>

INFORMATION FOR THE ELECTRICAL CONNECTIONS		(400V - 3~50Hz)	
ELECTRIC Version		26.5 Kw	60 Amp
STEAM Version		10 Kw	30 Amp
Dissipated heat		4785 Kcal	

INFORMATION FOR THE ELECTRICAL CONNECTIONS		(220V - 3~60Hz)	
ELECTRIC Version		- Kw	- Amp
STEAM Version		- Kw	- Amp
Dissipated heat		- Kcal	

GENERAL INFORMATION		
Required water capacity	Lt/min 10	<i>gal/min 2.6</i>
Required water pressure	bar 2 ÷ 3	<i>psi 29 ÷ 44</i>
Required water temperature	°C 18 ÷ 23	<i>°F 65 ÷ 73</i>
Required air pressure	bar 7 ÷ 8	<i>psi 100 ÷ 115</i>
Required steam pressure (Steam Version)	bar 3.5 ÷ 4	<i>psi 51 ÷ 58</i>
Required steam availability	Kg/h 60	<i>Lbs/h 132</i>

All technical data are subject to change without notice.