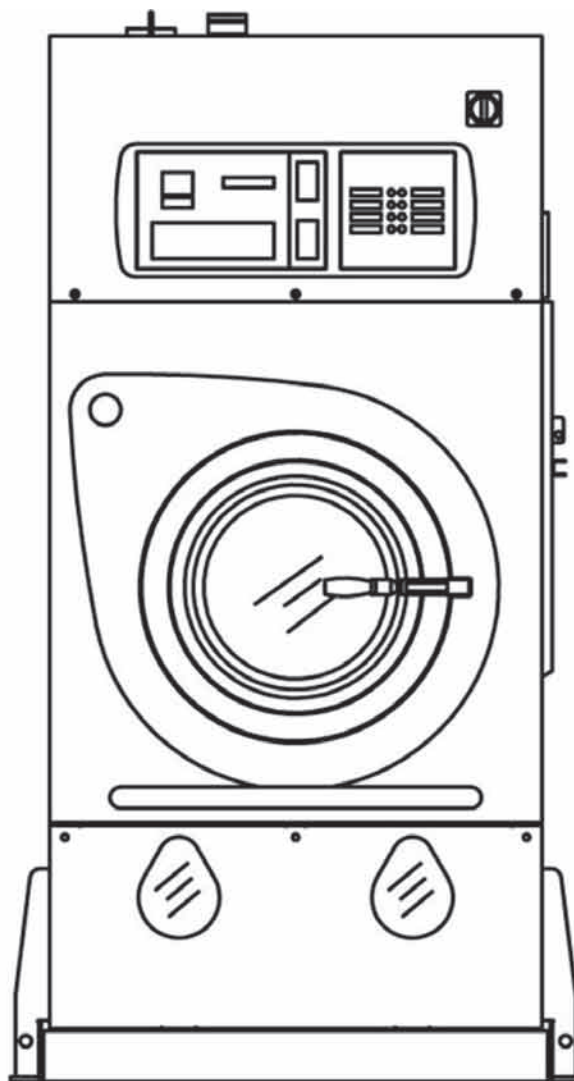




FIRBIMATIC

DRY CLEANING DIVISION

TECHNICAL INFORMATION



F15 AS ST2

F15 AS ST2

TECHNICAL INFORMATION

WORKING MACHINE WITH SOLVENT	HYDROCARBON	
MACHINE CAPACITY	14÷15 Kg	31÷33 Lbs

BASKET		
Diameter	800 mm	31.5 inches
Depth	560 mm	22 inches
Volume	285 Lt	10.1 cu.ft
Wash speed	20 ÷ 55 rpm	
Extract speed	300 ÷ 500 rpm	
Door opening	500 mm	19.7 inches

SOLVENT TANKS		
Useful volume tank 1	105 Lt	28 gal
Useful volume tank 2	105 Lt	28 gal
Useful volume tank 3	-	-
FLOOR SAFETY TANK CAPACITY	200 Lt	52.8 gal

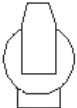
STILL		
Useful volume at half inspection	144 Lt	38 gal
Total volume	164 Lt	43.3 gal
Boiler water capacity	4 Lt	1.1 gal

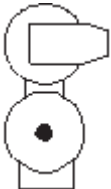
ELECTRIC POWER	400 V - 50HZ		220 V - 60HZ	
Wash - Extract (With Inverter)	*0.8÷4 Hp	*0.6÷3 Kw	*0.8÷4 Hp	*0.6÷3 Kw
Solvent pump motor	0.75 Hp	0.55 Kw	0.75 Hp	0.55 Kw
Fan motor	2 Hp	1.5 Kw	2 Hp	1.5 Kw
Refrigerator compressor (Bristoll)	3.35 Hp	2.5 Kw	3.35 Hp	2.5 Kw
Nylon filter motor	0.75 Hp	0.55 Kw	0.75 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	-	6 Kw	-	6 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

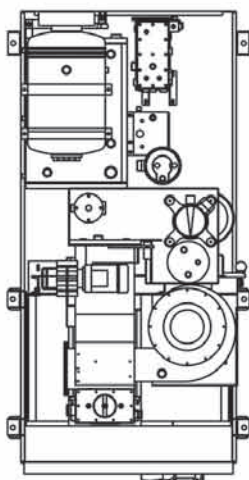
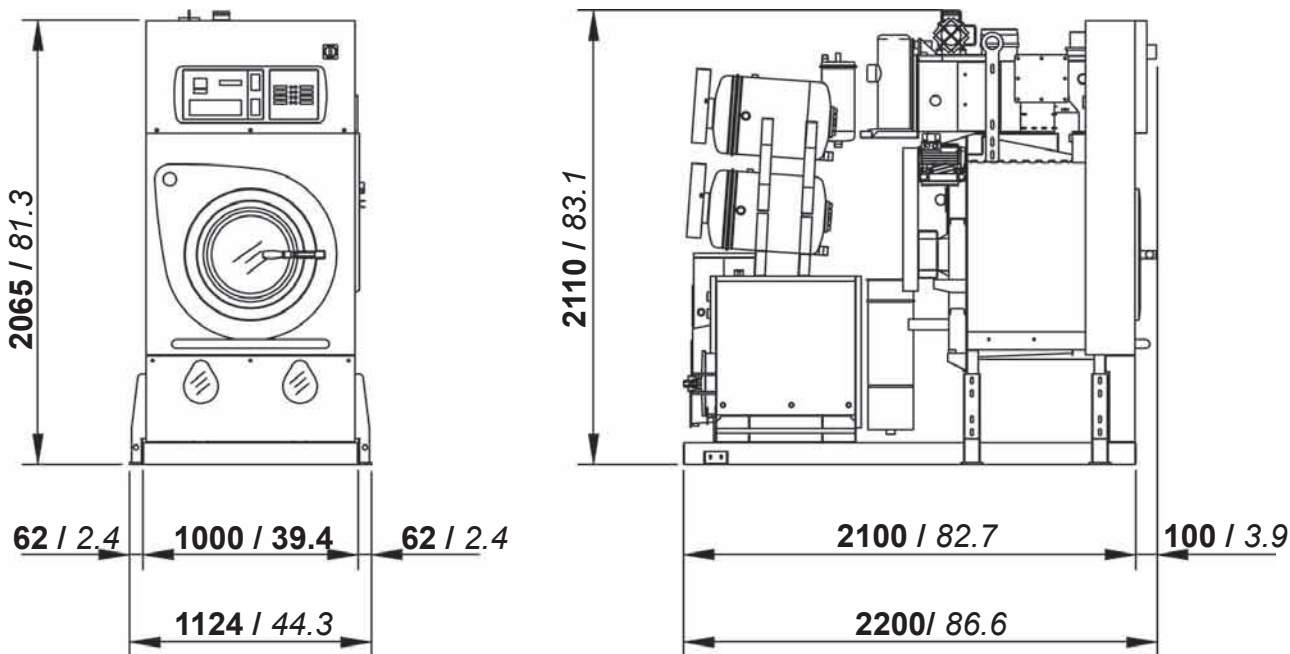
ONE NYLON FILTER			
	Volume nylon filter housing	55 Lt	<i>14,5 gal</i>
	Nylon filter area	3,9 mt²	<i>42 ft²</i>
	Filter disks	26 nr	

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	13 Lt	<i>3.4 gal</i>
	Decolorating cartridges	1 nr	
	Decolorating cabon quantity	2 kg	<i>4.4 Lbs</i>

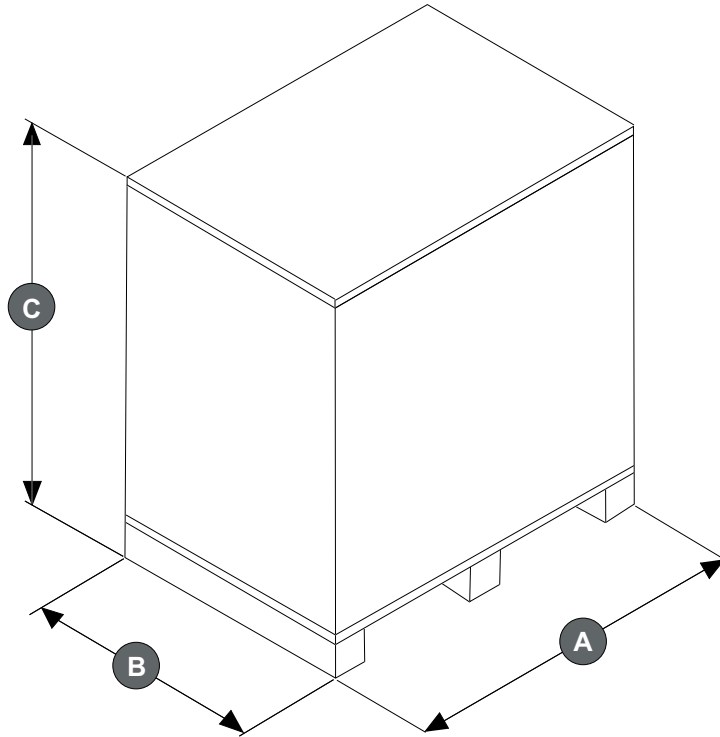
DIMENSIONS AND WEIGHTS



mm / inches

CHARGES		
Empty machine weight	1220 Kg	2690 Lbs
Machine weight with solvent	1435 Kg	3164 Lbs
Static charge on the floor with solvent	684 Kg/m²	140 Lbs/ft ²
Dynamic charge on the floor (+10%)	1021 Kg/m²	210 Lbs/ft ²

PACKAGED MACHINE DIMENSIONS AND WEIGHTS



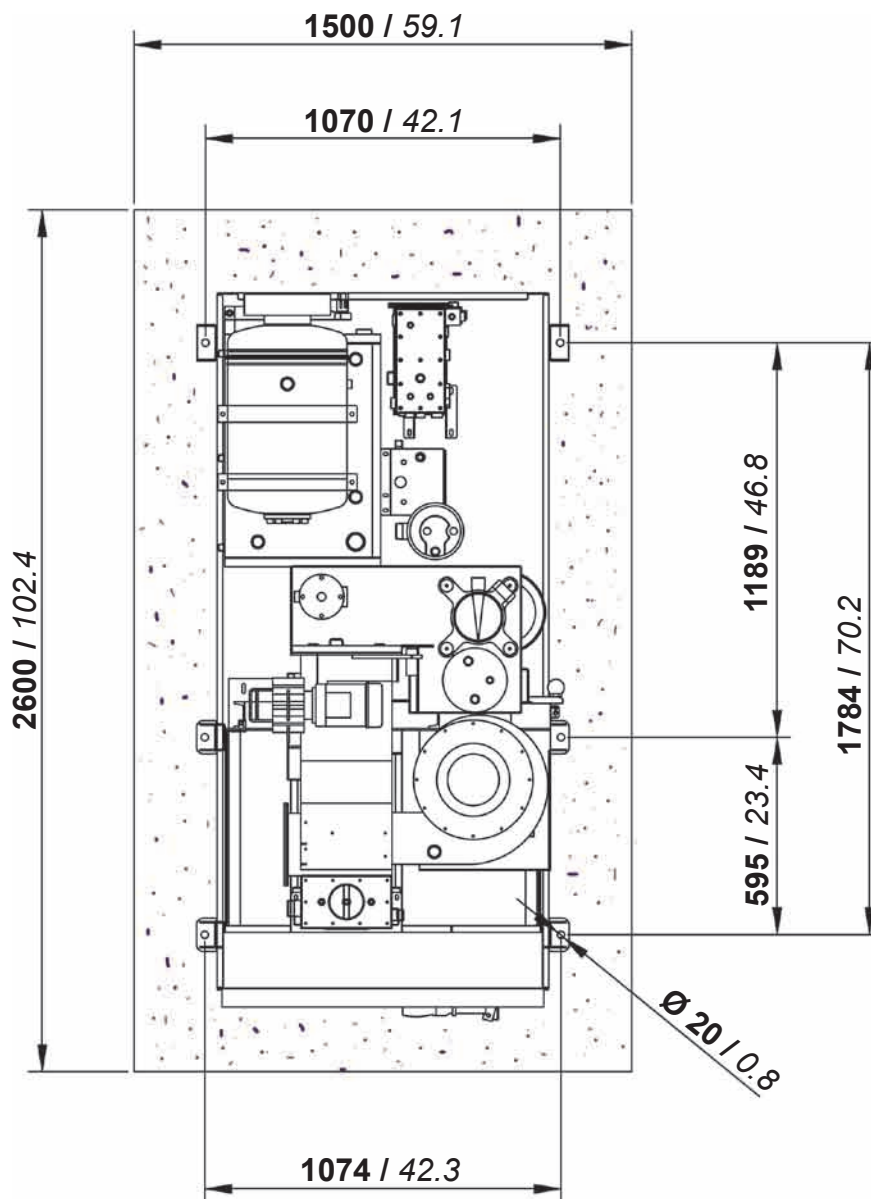
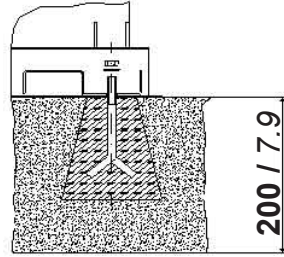
PACKAGED MACHINE DIMENSIONS							
Machine type		Carton		Wooden cage		Wooden case	
Standard	A	2280 mm	89.8 inches	- mm	- inches	- mm	- inches
	B	1160 mm	45.7 inches	- mm	- inches	- mm	- inches
	C	2245 mm	88.4 inches	- mm	- inches	- mm	- inches

PACKAGED MACHINE WEIGHTS						
Machine type	Carton		Wooden cage		Wooden case	
Standard	1310 Kg	2888 Lbs	- Kg	- Lbs	- Kg	- Lbs

F15 AS ST2

USEFUL INSTALLATION INFORMATION

FIXING POINTS



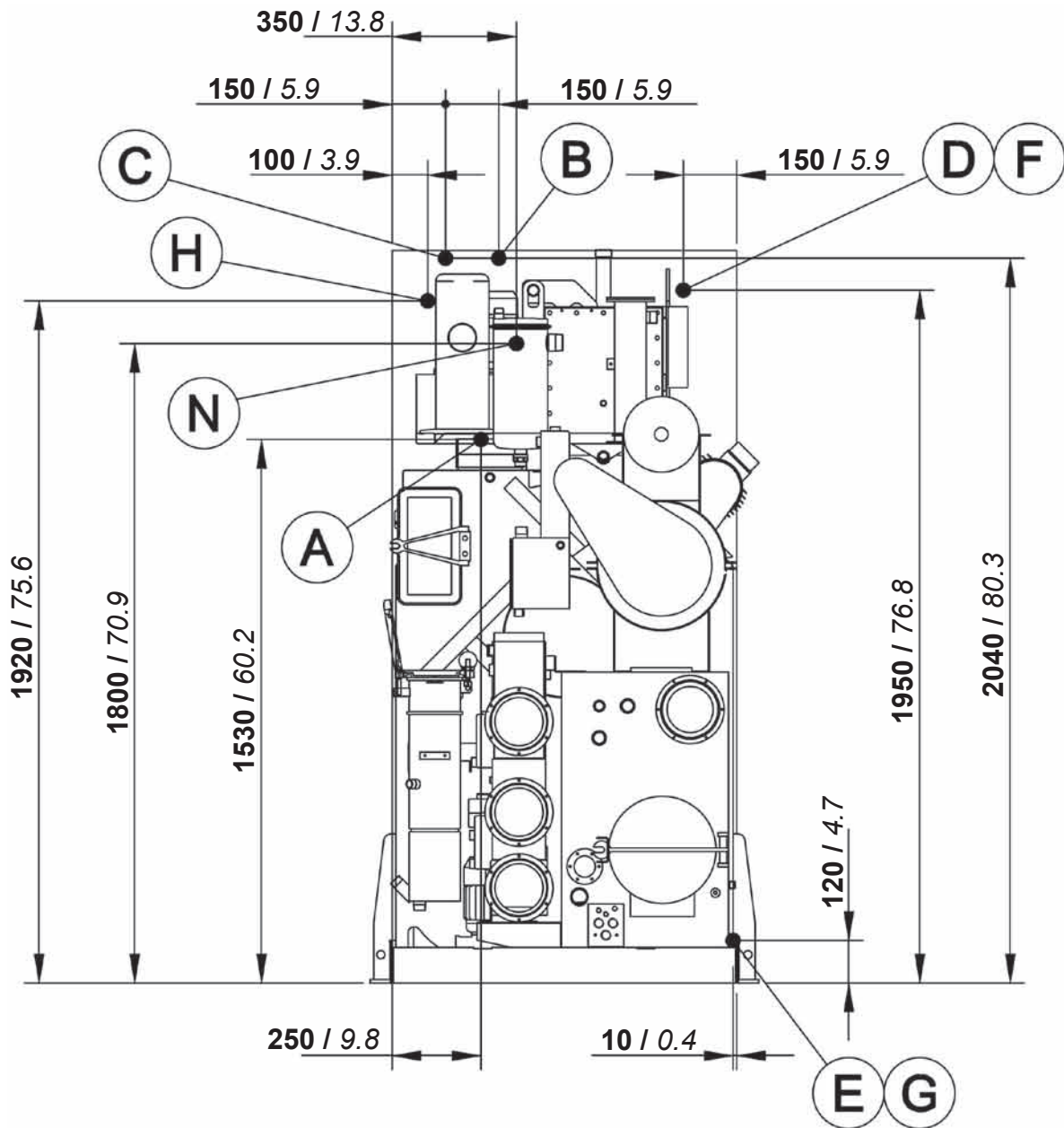
mm / inches



F15 AS ST2

USEFUL INSTALLATION INFORMATION

CONNECTIONS



mm / inches

A	Compressed air inlet	mm 6	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	210 Lt	162 Kg	<i>55.5 gal</i>	<i>357 Lbs</i>
Machine version - 1 Nylon Filter	265 Lt	204 Kg	<i>70 gal</i>	<i>450 Lbs</i>
Machine version - 1 Nylon Filter + 1 KR	320 Lt	247 Kg	<i>84.5 gal</i>	<i>545 Lbs</i>
Machine version - 2 Nylon Filters	320 Lt	247 Kg	<i>84.5 gal</i>	<i>545 Lbs</i>
Machine version - 1 Nylon Filter + 1 Deco	278 Lt	214 Kg	<i>73 gal</i>	<i>472 Lbs</i>

INFORMATION FOR THE ELECTRICAL CONNECTIONS (400 V - 50 Hz)		
ELECTRIC Version	21.5 Kw	45 Amp
STEAM Version	8 Kw	25 Amp
Dissipated heat	3900 Kcal	

INFORMATION FOR THE ELECTRICAL CONNECTIONS (220 V - 60 Hz)		
ELECTRIC Version	<i>- Kw</i>	<i>- Amp</i>
STEAM Version	8 Kw	47.5 Amp
Dissipated heat	<i>- Kcal</i>	

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 4 ÷ 5	<i>psi 55 ÷ 70</i>
Required steam availability	Kg/h 40	<i>Lbs/h 88</i>

All technical data are subject to change without notice.