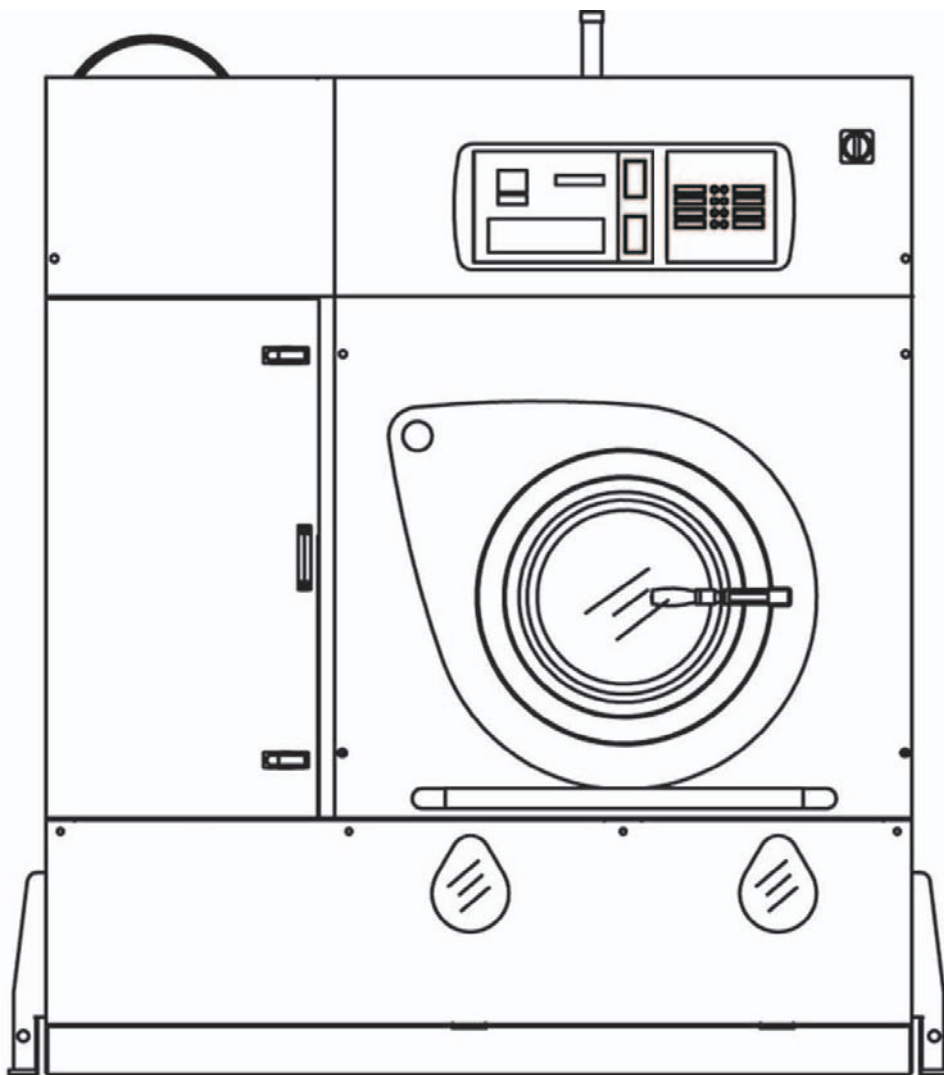




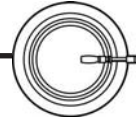
FIRBIMATIC

DRY CLEANING DIVISION

TECHNICAL INFORMATION



F18 LT2



WORKING MACHINE WITH SOLVENT	PERCHLORETHYLENE	
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 ÷ 450 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	230 Lt	61 gal

STILL		
Useful volume at half inspection	145 Lt	38.3 gal
Total volume	180 Lt	47.6 gal
Boiler water capacity	4.6 Lt	1.2 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
Solvent pump motor	0.75 Hp	0.55 Kw	0.75 Hp	0.55 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
Sludge pump (optional)	0.75 Hp	0.55 Kw	0.75 Hp	0.55 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	-	-
Fan motor Coalperc (optional)	0.75 Hp	0.55 Kw	0.75 Hp	0.55 Kw


* POWER CHANGES ACCORDINGLY TO THE USE OF THE MACHINE


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




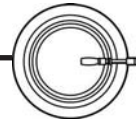
FILTRATION AVAILABLE IN THIS MODEL

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	

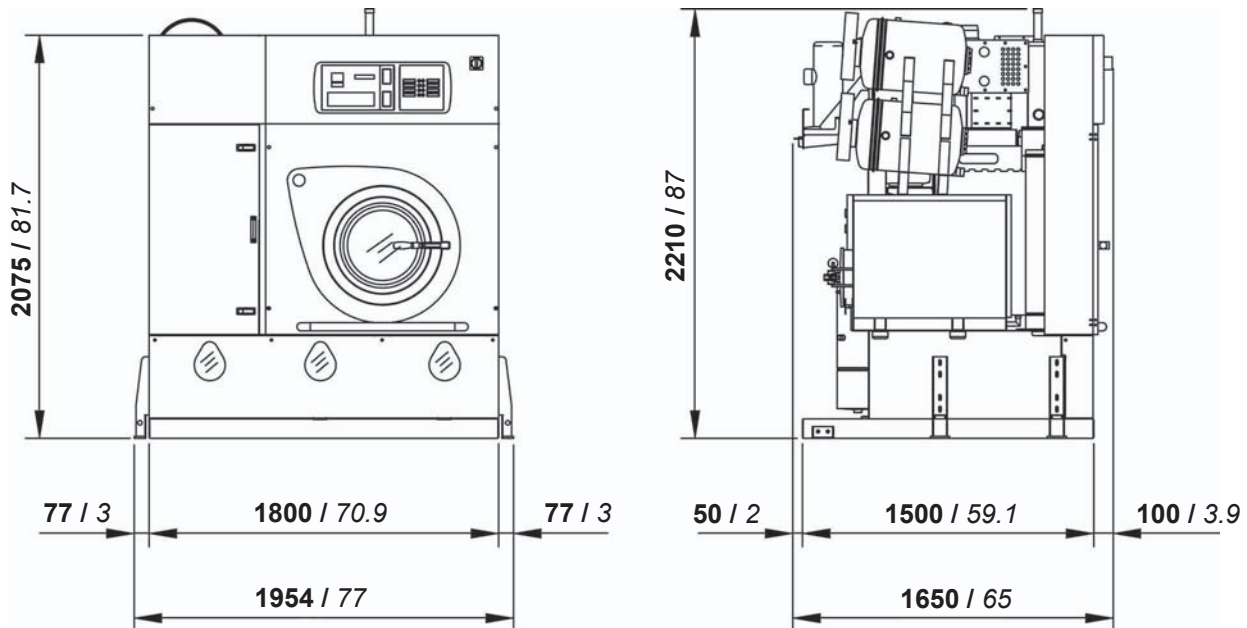
ONE NYLON FILTER AND ONE LARGE CARTRIDGE - KR			
	Volume nylon filter housing	55 Lt	<i>14,5 gal</i>
	Nylon filter area	3,9 mt²	<i>42 ft²</i>
	Filter disks	26 nr	
	Vol. large cartridge housing KR	55 Lt	<i>14,5 gal</i>
	Area large cartridge KR	2,6x2=5,2 mt²	<i>28x2=56 ft²</i>
	Cartridges quantity KR	nr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

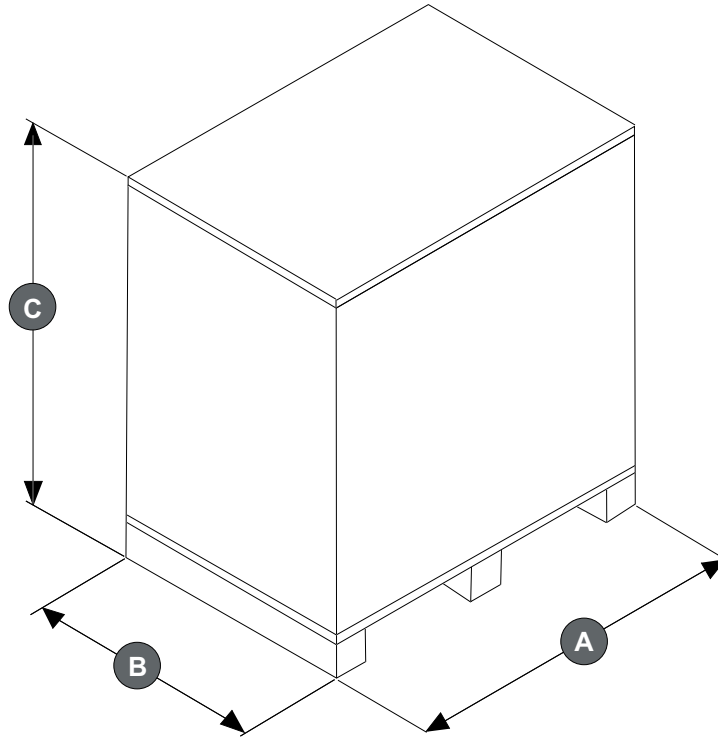


mm / inches

CHARGES - STANDARD VERSION		
Empty machine weight	1550 Kg	3417Lbs
Machine weight with solvent	2116 Kg	4665 Lbs
Static charge on the floor with solvent	784 Kg/m²	161 Lbs/ft²
Dynamic charge on the floor (+10%)	1091 Kg/m²	223 Lbs/ft²
CHARGES - PLUS VERSION		
Empty machine weight	1630 Kg	3594 Lbs
Machine weight with solvent	2196 Kg	4841 Lbs
Static charge on the floor with solvent	813 Kg/m²	167 Lbs/ft²
Dynamic charge on the floor (+10%)	1124 Kg/m²	230 Lbs/ft²



PACKAGED MACHINE DIMENSIONS AND WEIGHTS

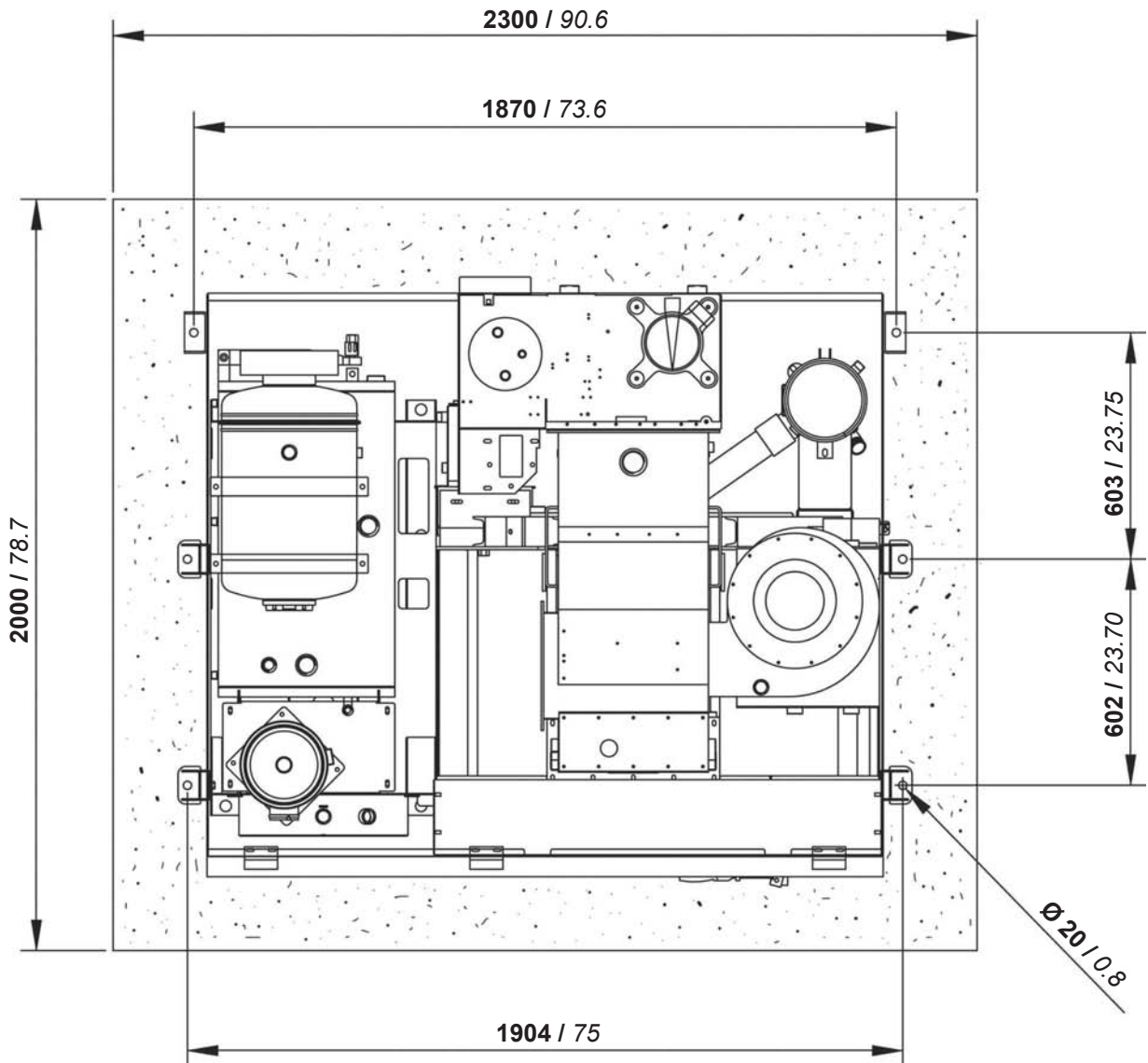
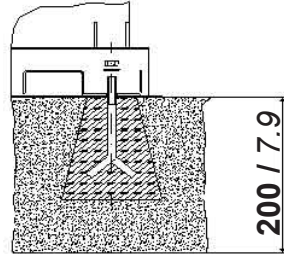


PACKAGED MACHINE DIMENSIONS							
Machine type		Carton		Wooden cage		Wooden case	
Standard	A	- mm	- inches	- mm	- inches	- mm	- inches
	B	- mm	- inches	- mm	- inches	- mm	- inches
	C	- mm	- inches	- mm	- inches	- mm	- inches
Plus	A	- mm	- inches	- mm	- inches	- mm	- inches
	B	- mm	- inches	- mm	- inches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



FIXING POINTS



mm / inches

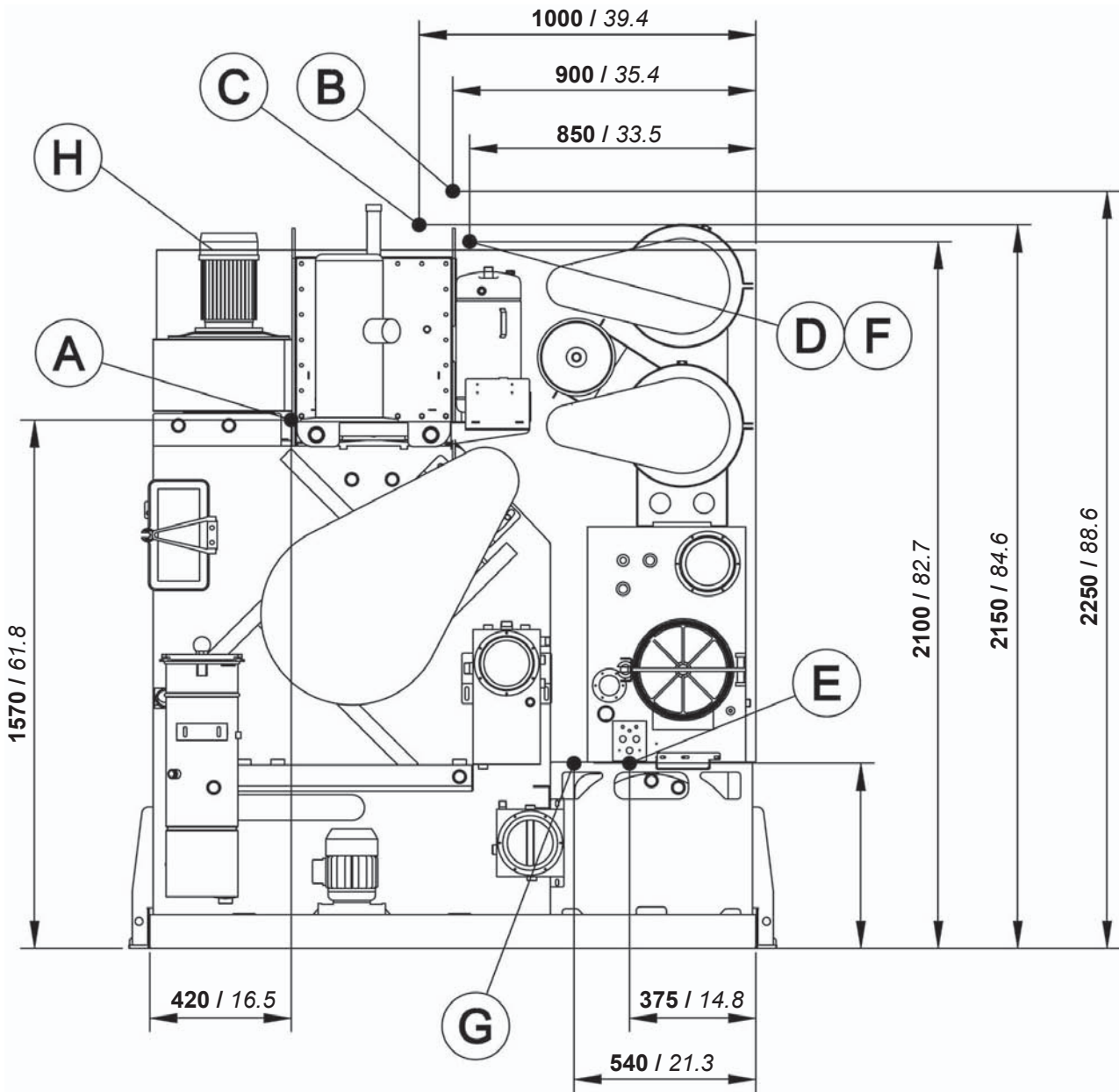




USEFUL INSTALLATION INFORMATION

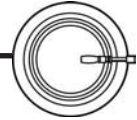
F18 LT2

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		



SOLVENT TYPE	PERCHLOROETHYLENE			
NECESSARY QUANTITY OF SOLVENT TO FILL THE MACHINE				
Machine version - without Filters	244 Lt	390 Kg	<i>64.5 gal</i>	<i>860 Lbs</i>
Machine version - 1 Nylon Filter	299 Lt	478 Kg	<i>79 gal</i>	<i>1054 Lbs</i>
Machine version - 1 Nylon Filter + 1 KR	354 Lt	566 Kg	<i>93.5 gal</i>	<i>1248 Lbs</i>
Machine version - 2 Nylon Filters	354 Lt	566 Kg	<i>93.5 gal</i>	<i>1248 Lbs</i>
Machine version - 1 Nylon Filter + 1 Deco	312 Lt	499 Kg	<i>82.5 gal</i>	<i>1100 Lbs</i>

INFORMATION FOR THE ELECTRICAL CONNECTIONS			(400V - 3~50Hz)
ELECTRIC Version	23.5 Kw	40 Amp	
STEAM Version	7 Kw	12 Amp	
Dissipated heat	4245 Kcal		

INFORMATION FOR THE ELECTRICAL CONNECTIONS			(220V - 3~60Hz)
ELECTRIC Version	24.5 Kw	82 Amp	
STEAM Version	8 Kw	26 Amp	
Dissipated heat	4425 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 4 ÷ 5	<i>psi 55 ÷ 70</i>
Required steam availability	Kg/h 60	<i>Lbs/h 132</i>

All technical data are subject to change without notice.