



PYRAL A
F400/120mn
action extraction unit
CE: 0370-CPR-2260



VENTILATION OF PROFESSIONAL KITCHENS, A SPECIALIST AFFAIR.

PYRAL A

DESIGN / MANUFACTURE

The casing is composed of self-supporting galvanised steel panels. The side panels are fixed using quarter turn locks giving access to the motor-fan unit. Optional double skin insulation.

As standard, the box is available with:

- Smooth connection sleeve on the intake and discharge.
- Galvanised steel support stands allowing fixture to the ground or the fitting of vibrational pads.
- In line "Intake and discharge" and straight service (vertical fan discharge and/or left services on request).

Installation possible in the vertical position on PYRAL 2500 - 3500.

Galvanised steel double outlet action fan.

IP55 class F, foot-mounted motor built into the casing, outside the air flow and ventilated air flows.

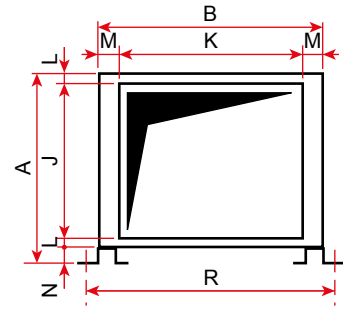
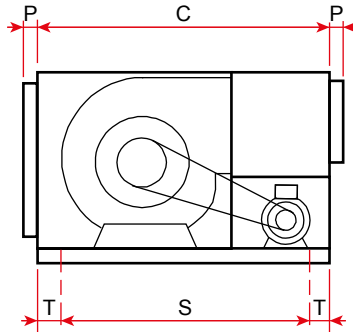
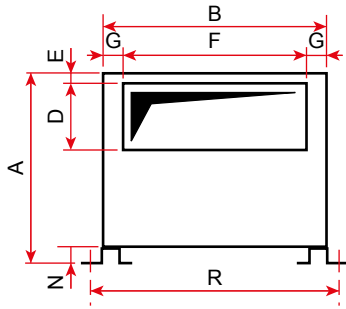
- Three-phased 400V, 1 speed
- Three-phased 400V, 2 Dalhandler speeds (1/2 ratio) or separate coils (2/3 - 1/3 ratio) for operation as smoke extraction only (ErP 2016).

Pulley and belt drive.

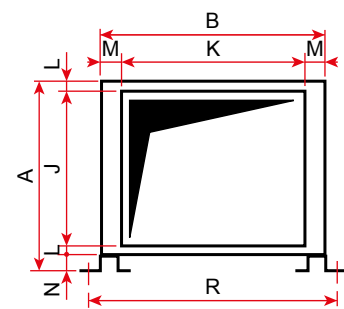
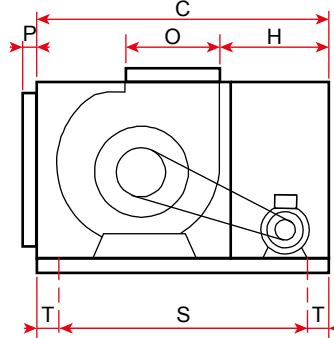
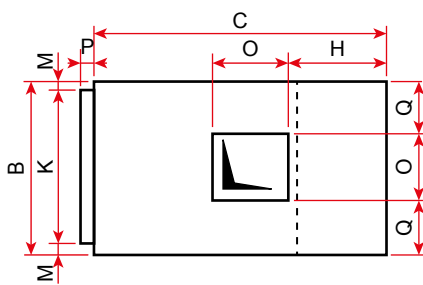
Protection by a galvanised steel guard.

DIMENSIONS / WEIGHT

IN LINE INTAKE AND DISCHARGE



IN LINE INTAKE AND VERTICAL 90° DISCHARGE



PYRAL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	J (mm)	K (mm)
2500	660	670	900	206	28	550	60	386	564	614
3500	760	840	1080	303	28	680	80	380	664	784
4500	1120	1080	1340	435	122	860	110	490	1024	1024
5500	1420	1340	1700	550	177	1040	150	550	1284	1284

PYRAL	L (mm)	M (mm)	N (mm)	O (mm)	P (mm)	Q (mm)	R (mm)	S (mm)	T (mm)	Weight* (kg)
2500	28	28	40	322	40	174	700	840	30	52
3500	28	28	40	453	40	193.5	870	1020	30	103
4500	28	28	40	569	40	255.5	1110	1280	30	163
5500	28	28	80	715	40	312.5	1320	1640	30	309

* Weight excluding motor and double skin insulation

PYRAL A

MOTOR SPECIFICATIONS

1 SPEED MOTOR - THREE-PHASED - 4 POLES (1500RPM) - 50HZ - WITH PTO									
Power (kW)	Voltage (V)	Rotation speed (Rpm)	Int. (A)	ID/IN	Output (%)	cos Φ	Type	Al.	Weight (kg)
0.37	Tri 230/400	1380	1.84/1.06	4.3	68	0.74	71	14	8
0.75	Tri 230/400	1410	2.83/1.63	6	79.8	0.83	80	19	13.5
1.10	Tri 230/400	1450	4.17/2.40	6.5	81.8	0.81	90S/L	24	19
1.50	Tri 230/400	1440	5.67/3.26	6.3	83	0.8	90S/L	24	22
2.20	Tri 230/400	1435	8.07/4.64	7	84.5	0.81	100L	28	30.5
3.00	Tri 230/400	1420	10.7/6.17	6.5	85.6	0.82	100L	28	33
4.00	Tri 230/400	1440	14.1/8.12	6.6	86.7	0.82	112M	28	42
5.50	Tri 230/400	1460	18.3/10.5	7.3	88.1	0.86	132S	38	60
7.50	Tri 230/400	1455	24.5/14.1	7.2	89	0.86	132M	38	62
9.20	Tri 230/400	1455	30.1/17.3	7.7	89.5	0.86	132M	38	75
11.00	Tri 400/690	1470	21.2/12.3	6.4	90.2	0.83	160M	42	114
15.00	Tri 400/690	1465	28.7/16.6	6.2	91	0.83	160L	42	139
18.50	Tri 400/690	1465	35.1/20.3	6.6	91.6	0.83	180M	48	168
22.00	Tri 400/690	1465	40.5/23.5	6.8	92.3	0.85	180L	48	190

2 SPEED MOTOR - THREE-PHASED - DALHANDLER 4/8 POLES (1500/750rpm) - 50HZ - WITH PTO														
Power (kW)	Voltage (V)	Rotation speed (Rpm)		Int. (A)		ID/IN		Output (%)		cos Φ		Type	Al.	Weight (kg)
		HS	LS	HS	LS	HS	LS	HS	LS	HS	LS			
0.6/0.15	Tri 400	1440	710	1.76	0.76	5.5	3.1	68.5	46	0.72	0.62	80	19	14.8
0.8/0.2	Tri 400	1415	690	1.99	0.884	4.7	2.7	70	49.5	0.83	0.66	80	19	14.8
1.2/0.3	Tri 400	1430	705	2.92	1.29	5.5	3.1	76	57	0.78	0.59	90	24	21.1
1.6/0.4	Tri 400	1420	700	3.8	1.69	5.7	3.2	77	59	0.79	0.58	90L	24	23.3
2.2/0.55	Tri 400	1430	700	4.84	2	6.9	3.5	80	65	0.82	0.61	100L	28	29.9
2.8/0.7	Tri 400	1410	690	6.01	2.41	6	3.6	80	66.5	0.84	0.63	100	28	32.3
3.8/1	Tri 400	1440	710	8.26	2.75	7	4	80	74	0.83	0.71	112M	28	45.8
5/1.3	Tri 400	1440	730	10.4	3.5	8.5	6.2	80	76.5	0.87	0.7	132S	38	66.9
7.2/1.8	Tri 400	1440	725	14.4	4.64	8.5	6.2	83	80	0.87	0.7	132M	38	82.7
11/3	Tri 400	1455	725	21.7	7	7	4.3	86	82.5	0.85	0.75	160M	42	119
14/3.5	Tri 400	1455	725	26.5	8.45	7.2	4.2	86.5	83	0.88	0.72	160L	42	135
17/4.3	Tri 400	1475	730	33.4	12.7	8	4	89.5	84.2	0.82	0.58	180M	48	162
20/5	Tri 400	1470	730	38.6	14.1	8.8	5.1	89	82.7	0.84	0.62	180L	48	177
28/6.5	Tri 400	1480	735	52	18	7.4	3.6	91.5	87	0.85	0.6	200L	55	235

2 SPEED MOTOR - THREE-PHASED - SEPARATE COILS 4/6 POLES (1500/1000 rpm) - 50HZ - WITH PTO														
Power (kW)	Voltage (V)	Rotation speed (Rpm)		Int. (A)		ID/IN		Output (%)		cos Φ		Type	Al.	Weight (kg)
		HS	LS	HS	LS	HS	LS	HS	LS	HS	LS			
0.55/0.20	Tri 400	1450	970	1.75	1.05	5	3.7	65.7	46	0.69	0.6	80	19	15.6
0.75/0.25	Tri 400	1430	970	1.94	1.32	4.7	3.9	68	48	0.82	0.57	80	19	14
1.1/0.3	Tri 400	1440	970	2.92	1.51	5.4	5.1	72.5	53	0.75	0.54	90S	24	21.3
1.5/0.37	Tri 400	1440	970	3.65	1.62	5.5	4.5	75	55	0.79	0.6	90L	24	23.5
2.2/0.7	Tri 400	1430	970	4.91	2.48	6	5.5	77	68	0.84	0.6	100L	28	31.4
3/1	Tri 400	1460	985	6.85	3.86	7.6	6.2	81	68	0.78	0.55	112M	28	46
4.5/1.5	Tri 400	1465	990	10.2	5.38	7.5	7	82	76	0.78	0.53	132S	38	64.2
6/2.2	Tri 400	1465	990	13.7	6.96	7.8	7.4	82	80	0.78	0.57	132M	38	72.8
10/3.3	Tri 400	1475	975	22	8.74	7	4	87	79	0.76	0.69	160M	42	121
14/4.5	Tri 400	1470	975	28	11	7	4.5	88	79	0.82	0.75	160L	42	139
16/6.5	Tri 400	1465	980	28.4	12.5	8.5	7.6	88	86.3	0.85	0.87	180M	48	195
20/8.5	Tri 400	1465	985	34.9	16.3	9	8.7	89	87.5	0.93	0.86	180L	48	200
26/9	Tri 400	1480	990	47.7	18.6	7.5	7.5	90.5	88.5	0.87	0.79	200L	55	265

