



# 50 Hz



CURVE N°	Item	Description	50 Hz Three phase electric motor		A		dB (A)*	kg
			kW	V Δ / Y	Δ	Y		
110a-110c	014034	UNI JET 40 SP	0.2	230/400	1.3	0.75	57	7
120a-120c	015070	UNI JET 75 T1	0.4	180-230/290-400	2.75	1.6	62	10
120a-120c	015071	UNI JET 75 T2	0.4	220-270/380-465	2.4	1.4	62	10
120a-120c	015072	UNI JET 75 T3	0.4	260-310/450-535	1.8	1	62	10
130a-130c	046906	TECNO JET T1	0.75	185-225/320-390	4.3	2.5	68	18
130a-130c	046907	TECNO JET T2	0.75	220-270/380-465	3.4	1.95	68	18
140a-140c	049100	FLUX JET 80	1.1	230/400	5	2.9	68	19
142a-142c	048111	FLUX JET	1.5	230/400	6.4	3.7	68	21
151a-151c	061502	MEDIO JET	2.2	230/400	9	5.2	76	30
151a-151c	061528	MEDIO JET	2.2	400/690	5.2	3	76	30
151a-151c	061533	MEDIO JET	2.2	290/500	6.4	3.7	76	30
152a-152c	061503	MEDIO JET	3	230/400	11.8	6.8	76	32
153a-153c	061597	MEDIO JET LHT	4	230/400	15.6	9	76	44
160a-160c	056500	UNI JET 160	4	230/400	15.6	9	78	62
170a-170c	080006	UNI JET 500	7.5	400/690	15	8.7	78	88
171a-171c	080009	UNI JET 500	9.0	400/690	19	11	78	102
172a-172c	080011	UNI JET 500	11	400/690	22.5	13	78	104
173a-173c	080016	UNI JET 500	13.7	400/690	27	15.6	78	112
180a-180c	083009	UNI JET 1000	11	400/690	22	12.7	82	140
181a-181c	083012	UNI JET 1000	15	400/690	31.2	18	82	155
182a-182c	083016	UNI JET 1000	20	400/690	40.6	23.5	82	180
183a-183c	084000	UNI JET 1500	15	400/690	31.2	18	82	156
220a-220c	019130	UNI JET 75 2V	0.75	230/400	3.4	1.95	64	17
230a-230c	046950	TECNO JET 2V	1.5	230/400	6	3.5	65	25
231a-231c	046952	TECNO JET 2V LHT	1.5	230/400	6	3.5	65	25
240a-240c	048150	FLUX JET 2V	2.2	230/400	9	5.2	72	31
241a-241c	048161	FLUX JET 2V LHT	2.2	230/400	9	5.2	72	31
250a-250c	091610	MEDIO JET 2V	4	230/400	15.6	9	77	56
250a-250c	091611	MEDIO JET 2V	4	380/660	9	5.2	77	56
251a-251c	091621	MEDIO JET 2V	5.5	230/400	20	11.6	77	60
251a-251c	091623	MEDIO JET 2V	5.5	400/690	11.6	6.7	77	60
252a-252c	091624	MEDIO JET 2V LHT	5.5	220-240/380-415	20	11.6	77	60
260a-260c	080150	UNI JET 500 2V	13.7	400/690	26	15	84	154
261a-261c	080160	UNI JET 500 2V	20	400/690	40.6	23.5	84	207
262a-262c	083150	UNI JET 1000 2V	20	400/690	40.6	23.5	80	240
350a-350c	091950	MEDIO JET 1AC	4	230/400	15.6	9	77	56
350a-350c	091945	MEDIO JET 1AC	4	380/660	9	5.2	77	56
351a-351c	091951	MEDIO JET 1AC	5.5	230/400	20	11.6	77	59
351a-351c	091952	MEDIO JET 1AC	5.5	380/660	11.6	6.7	77	59
CURVE N°	Item	Description	50 Hz Single phase electric motor			dB (A)*	kg	
			kW	V	A			
100a-100c	011700	MICRO JET	0.1	230	0.8	57	7	
110a-110c	014027	UNI JET 40 SP	0.2	230	1.7	57	7	
120a-120c	015025	UNI-JET 75	0.4	230	3.1	62	10	
130a-130c	046904	TECNO JET	0.75	220	5.5	68	18	
130a-130c	046890	TECNO JET	0.75	230	5.5	68	18	
130a-130c	046905	TECNO JET	0.75	240	5.4	68	18	
130a-130c	046896	TECNO JET	0.75	110	11.5	68	18	
141a-141c	048137	FLUX JET	1.1	230	7.6	68	21	
142a-142c	048139	FLUX JET	1.5	230	9.5	68	21	
220a-220c	019120	UNI JET 75 2V	0.7	230	4.8	64	16	

## VALUES AND DATA

The pressure and flow rates have a tolerance of  $\pm 10\%$ .  
 The vacuum curves are valid for pumping air, with a temperature of 20°C at the inlet flange and with a pressure of 1013 mbar at the discharge port.  
 The pressure curves are valid for pumping air, with an average temperature of 20°C, a density of 1,23 kg/m<sup>3</sup> and 1013mbar at the inlet flange.  
 All catalogue data is intended as an indication of product specification. Due to our programme of continuous improvements, unless exceptional agreements are confirmed in writing, we reserve the right to change pictorial, performance and dimensional data without prior notice.  
 Sound-pressure data in accordance to ISO 3746-1979 (E) norms.  
 Parameters: r=1 - Background noise  $\leq 51$  dB (A) - Instrument used: Brüel & Kjær.

## QUALITY OF CONSTRUCTION

All Esam units are manufactured in die-cast aluminium alloy, which ensures a consistent high quality and productivity.  
 Production costs are minimised due to modular construction.  
 Standard models are directly coupled to electric motors which are of our manufacture.  
 Standard motors are two pole, totally enclosed air cooled, continuous duty rated, IP54 protected, insulation class F, and meet the CEI 213 1988 specification.

## MEDIUM OF AIR

The standard side channel blowers / aspirators are designed to handle clean air up to a maximum of 40°C.  
 Specialised units are available on request for aggressive, flammable or explosive gases.  
 We will be happy to supply special units made to individual specification. Many customers have approached Esam with problems that we have been able to solve and the invitation is extended to you.

Special voltages available on request

