



Besslab Certified - Top Efficiency

Each Model Tested 100,000 times On/Off Outdoor !

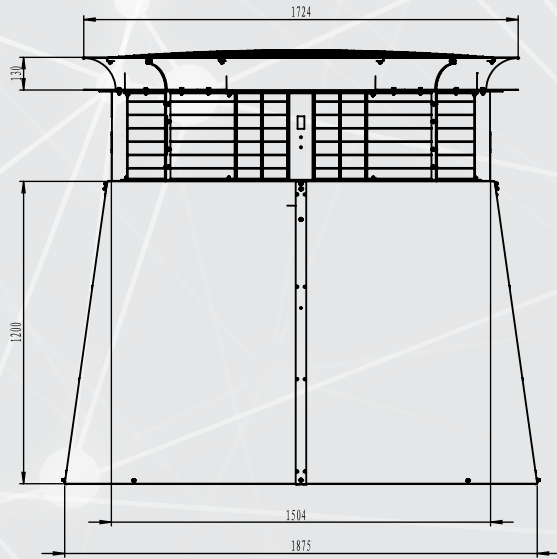
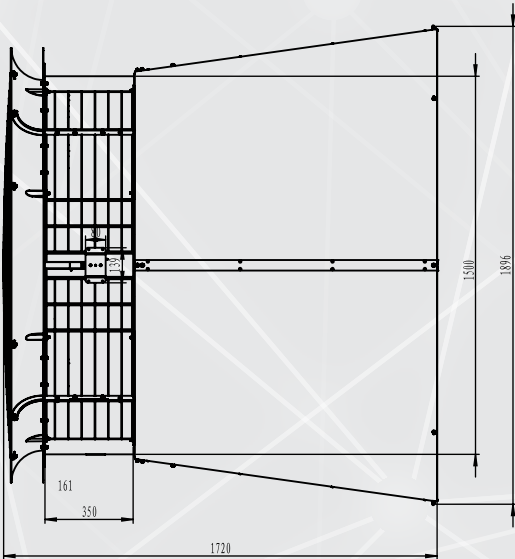
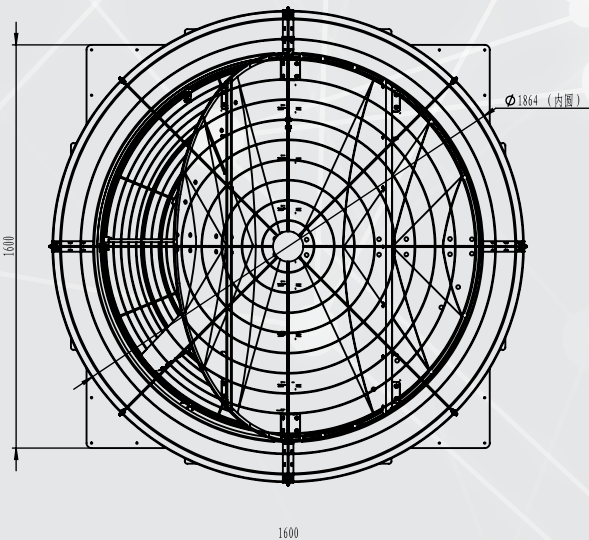
MASCONSERVE



Fan Specification

Fan Model	Version	Cone	Motor Type	Voltage	KW	S.F.	Control	Frequency	Motor Model	Shutter	Mechanism
T57-HT-AC2.2(1.5)-380V-50hz	High Torque	Yes	AC	380V	2.2kw	1.5	fixed speed	50hz	MAT132-8	Air Damper	Mechanical/Electrical(Optional)
T57-HF-AC1.5(1.5)-380V-50hz	High Force	Yes	AC	380V	1.5kw	1.5	fixed speed	50hz	MAT112-8	Air Damper	Mechanical/Electrical(Optional)
T57-HE-AC1.1(1.3)-380V-50hz	High Efficiency	Yes	AC	380V	1.1kw	1.3	fixed speed	50hz	MAT112-8	Air Damper	Mechanical/Electrical(Optional)
T57-HT-EC2.2(1.6)-380V-50/60hz	High Torque	Yes	PM	380V	2.2kw	1.6	0-10V/RS485	50/60hz	MET132X-3.5	Air Damper	Mechanical/Electrical(Optional)
T57-HF-EC1.5(1.5)-380V-50/60hz	High Force	Yes	PM	380V	1.5kw	1.5	0-10V/RS485	50/60hz	MET132X-2.2	Air Damper	Mechanical/Electrical(Optional)
T57-HE-EC1.1(1.6)-380V-50/60hz	High Efficiency	Yes	PM	380V	1.1kw	1.6	0-10V/RS485	50/60hz	MET112X-1.8	Air Damper	Mechanical/Electrical(Optional)
T57-HT-EC2.2(1.6)-1x230V-50/60hz	High Torque	Yes	PM	1x230V	2.2kw	1.6	0-10V/RS485	50/60hz	MES132X-3.5	Air Damper	Mechanical/Electrical(Optional)
T57-HF-EC1.5(1.5)-1x230V-50/60hz	High Force	Yes	PM	1x230V	1.5kw	1.5	0-10V/RS485	50/60hz	MES132X-2.2	Air Damper	Mechanical/Electrical(Optional)
T57-HE-EC1.1(1.6)-1x230V-50/60hz	High Efficiency	Yes	PM	1x230V	1.1kw	1.6	0-10V/RS485	50/60hz	MES112X-1.8	Air Damper	Mechanical/Electrical(Optional)
T57-HF-AC1.5(1.2)-3x230V-60hz	High Force	Yes	AC	3x230V	1.5kw	1.2	fixed speed	60hz	MAT132-10	Air Damper	Mechanical/Electrical(Optional)
T57-HE-AC1.1(1.3)-3x230V-60hz	High Efficiency	Yes	AC	3x230V	1.1kw	1.3	fixed speed	60hz	MAT112-10	Air Damper	Mechanical/Electrical(Optional)
T57-HT-EC2.2(1.6)-3x230V-50/60hz	High Torque	Yes	PM	3x230V	2.2kw	1.6	0-10V/RS485	50/60hz	MET132X-3.5	Air Damper	Mechanical/Electrical(Optional)
T57-HF-EC1.5(1.5)-3x230V-50/60hz	High Force	Yes	PM	3x230V	1.5kw	1.5	0-10V/RS485	50/60hz	MET132X-2.2	Air Damper	Mechanical/Electrical(Optional)
T57-HE-EC1.1(1.6)-3x230V-50/60hz	High Efficiency	Yes	PM	3x230V	1.1kw	1.6	0-10V/RS485	50/60hz	MET112X-1.8	Air Damper	Mechanical/Electrical(Optional)

Fan Dimension



Durable High Efficiency IE5 Motor

- Resist High Voltage Impact and Fluctuation
- Protection: Phase Missing, Overload, Over Current

Airfoil Motor Arm (SS304 framework)

- Resist Corrossion

Corrosion Resistant Alloy Used In Butterfly Shutter

Rigid and Aerodynamic Impeller System

- Pressure Stable And Superior Performance

Air Tight Louvre System

- Good Light Trapping
- Prevent Air Leakage

Corrosion Proof & Weather Resistant Composite Fan Housing-Long Lifetime

Superior Durability-Maintenance Free

Variable Speed Control Included for PM Motor !

HT-High Torque Version

High Pressure Application

						25Pa				37Pa				50Pa				62Pa			
Fan Model	Version	Motor Type	S.P.	Lab	Report No.	m3/hr	m3/hr/W	cfm	cfm/w	m3/hr	m3/hr/W	cfm	cfm/w	m3/hr	m3/hr/W	cfm	cfm/w	m3/hr	m3/hr/W	cfm	cfm/w
T57-HT-AC2.2(1.5) - 380V-50hz	High Torque	AC	0-150Pa	Besslab	25081	67600	32.4	39800	19.10	65300	29.1	38400	17.1	62600	26	36800	15.3	59700	23.1	35100	13.6
T57-HT-EC2.2(1.6) - 380V-50/60hz	High Torque	PM	0-150Pa	Besslab	25084	67800	35.7	39900	21.00	65600	31.5	38600	18.5	63000	27.8	37100	16.3	60300	24.9	35500	14.7
T57-HT-EC2.2(1.6) - 3x230V-50/60hz	High Torque	PM	0-150Pa	Besslab	25085	67800	35.5	39900	20.90	65500	31.5	38500	18.6	62700	27.9	36900	16.4	60100	24.8	35400	14.6
T57-HT-EC2.2(1.6) - 1x230V-50/60hz	High Torque	PM	0-150Pa	Besslab	25087	67600	35.7	39800	21.00	65300	31.5	38400	18.5	62800	28	37000	16.5	59800	24.6	35200	14.5

						75Pa				100Pa				125Pa				150Pa			
Fan Model	Version	Motor Type	S.P.	Lab	Report No.	m3/hr	m3/hr/W	cfm	cfm/w	m3/hr	m3/hr/W	cfm	cfm/w	m3/hr	m3/hr/W	cfm	cfm/w	m3/hr	m3/hr/W	cfm	cfm/w
T57-HT-AC2.2(1.5) - 380V-50hz	High Torque	AC	0-150Pa	Besslab	25081	56500	20.4	33300	12	49500	16.1	29200	9.5	38200	11.2	22500	6.6	22800	5.8	13400	3.4
T57-HT-EC2.2(1.6) - 380V-50/60hz	High Torque	PM	0-150Pa	Besslab	25084	57500	21.9	33800	12.9	51000	16.8	30000	9.9	40800	11.7	24000	6.9				
T57-HT-EC2.2(1.6) - 3x230V-50/60hz	High Torque	PM	0-150Pa	Besslab	25085	57200	22	33700	12.9	50100	17.1	29500	10	39600	12	23300	7.1	24500	6.5	14400	3.8
T57-HT-EC2.2(1.6) - 1x230V-50/60hz	High Torque	PM	0-150Pa	Besslab	25087	56800	21.6	33400	12.7	49900	17	29400	10	39300	11.8	23100	6.9	23300	6.1	13700	3.6

HF-High Force Version

Balanced Between Pressure and Energy Saving

						0Pa				25Pa				37Pa				50Pa			
Fan Model	Version	Motor Type	S.P.	Lab	Report No.	m3/hr	m3/hr/W	cfm	cfm/w	m3/hr	m3/hr/W	cfm	cfm/w	m3/hr	m3/hr/W	cfm	cfm/w	m3/hr	m3/hr/W	cfm	cfm/w
T57-HF-AC1.5(1.5)-380V-50hz	High Force	AC	0-100Pa	Besslab	25093	65300	50.3	38400	29.6	60000	32.6	35300	21.60	57800	32.6	34000	19.2	54900	28.7	32300	16.9
T57-HF-AC1.5(1.2)-3x230V-60hz	High Force	AC	0-87Pa	Besslab	25083	62400	52.8	36700	31.1	57700	38.6	34000	22.7	55100	33.3	32400	19.6	51800	28.6	30500	16.8
T57-HF-EC1.5(1.5)-380V-50/60hz	High Force	PM	0-100Pa	Besslab	25089	64100	56.6	37800	33.3	59800	40.8	35200	24.00	57400	35.1	33800	20.7	54800	30.7	32300	18.1
T57-HF-EC1.5(1.5)-3x230V-50/60hz	High Force	PM	0-100Pa	Besslab	25086	63700	57.4	37500	33.8	59300	41.4	34900	24.40	57100	36.1	33600	21.2	54500	31.2	32100	18.4
T57-HF-EC1.5(1.5)-1x230V-50/60hz	High Force	PM	0-100Pa	Besslab	25088	63800	59.3	37600	34.9	59300	41.1	34900	24.20	56900	35.3	33500	20.8	54200	30.7	31900	18.1

						62Pa				75Pa				87Pa				100Pa			
Fan Model	Version	Motor Type	S.P.	Lab	Report No.	m3/hr	m3/hr/W	cfm	cfm/w	m3/hr	m3/hr/W	cfm	cfm/w	m3/hr	m3/hr/W	cfm	cfm/w	m3/hr	m3/hr/W	cfm	cfm/w
T57-HF-AC1.5(1.5)-380V-50hz	High Force	AC	0-100Pa	Besslab	25093	51500	24.9	30300	14.6	48000	21.7	28200	12.8	43300	18.4	25500	10.8	38200	15.4	22500	9
T57-HF-AC1.5(1.2)-3x230V-60hz	High Force	AC	0-87Pa	Besslab	25083	48100	24.4	28300	14.3	44600	21.2	26300	12.5	39300	17.5	23100	10.3				
T57-HF-EC1.5(1.5)-380V-50/60hz	High Force	PM	0-100Pa	Besslab	25089	51900	26.8	30600	15.8	49000	23.4	28800	13.8	44700	20	26300	11.8	40000	16.8	23500	9.9
T57-HF-EC1.5(1.5)-3x230V-50/60hz	High Force	PM	0-100Pa	Besslab	25086	51500	27	30300	15.9	48300	23.6	28400	13.9	44700	20.5	26300	12.1	39700	17.1	23400	10.1
T57-HF-EC1.5(1.5)-1x230V-50/60hz	High Force	PM	0-100Pa	Besslab	25088	51500	26.9	30300	15.9	48100	23.2	28300	13.7	43800	19.6	25800	11.6	39100	16.5	23000	9.7

HE-High Efficiency Version

High Energy Saving-High Return!

						0Pa				25Pa				37Pa				50Pa			
Fan Model	Version	Motor Type	S.P.	Lab	Report No.	m3/hr	m3/hr/W	cfm	cfm/w	m3/hr	m3/hr/W	cfm	cfm/w	m3/hr	m3/hr/W	cfm	cfm/w	m3/hr	m3/hr/W	cfm	cfm/w
T57-HE-AC1.1(1.3)-380V - 50hz	High Efficiency	AC	0-75Pa	Besslab	25082	59000	59.9	34700	35.2	51000	41.7	30000	24.6	46700	35.2	27500	20.7	42500	29.5	25000	17.4
T57-HE-AC1.1(1.3)-3x230V-60hz	High Efficiency	AC	0-75Pa	Besslab	25080	61900	53.2	36400	31.3	53500	38	31500	22.4	48600	31.5	28600	18.5	43500	26	25600	15.3
T57-HE-EC1.1(1.6)-380V-50/60hz	High Efficiency	PM	0-75Pa	Besslab	25096	56600	72.2	33300	42.5	50700	48	29800	28.2	47400	39.5	27900	23.2	43800	33	25800	19.4
T57-HE-EC1.1(1.6)-3x230V-50/60hz	High Efficiency	PM	0-75Pa	Besslab	25095	56400	71	33200	41.8	50600	46.8	29800	27.6	47200	38.6	27800	22.7	43600	32	25700	18.8
T57-HE-EC1.1(1.6)-1x230V-50/60hz	High Efficiency	PM	0-75Pa	Besslab	25092	59900	64.2	35300	37.8	52900	44.8	31100	26.3	48600	36.9	28600	21.7	44500	30.9	26200	18.2

						62Pa				75Pa				87Pa				100Pa			
Fan Model	Version	Motor Type	S.P.	Lab	Report No.	m3/hr	m3/hr/W	cfm	cfm/w	m3/hr	m3/hr/W	cfm	cfm/w	m3/hr	m3/hr/W	cfm	cfm/w	m3/hr	m3/hr/W	cfm	cfm/w
T57-HE-AC1.1(1.3)-380V - 50hz	High Efficiency	AC	0-75Pa	Besslab	25082	36700	23.6	21600	13.9	21700	12.4	12800	7.3								
T57-HE-AC1.1(1.3)-3x230V-60hz	High Efficiency	AC	0-75Pa	Besslab	25080	36600	20.1	21600	11.8	20800	10.2	12200	6								
T57-HE-EC1.1(1.6)-380V-50/60hz	High Efficiency	PM	0-75Pa	Besslab	25096	38800	26.5	22800	15.6	30000	18	17600	10.6								
T57-HE-EC1.1(1.6)-3x230V-50/60hz	High Efficiency	PM	0-75Pa	Besslab	25095	38900	26	22900	15.3	30400	18	17900	10.6								
T57-HE-EC1.1(1.6)-1x230V-50/60hz	High Efficiency	PM	0-75Pa	Besslab	25092	40000	25.5	23600	15	33000	19.1	19400	11.3								