

# FRAME TECHNICAL DATASHEET

## FRAME SILO FAN



- › Maintaining the quality of the stored crop is a vital consideration in the design of any storage facility, **FRAME** offers an extensive range of highly efficient backward curved centrifugal fan units, providing exceptional performance, together with a wide range of aeration systems designed specifically to suit the **FRAME** range of FP & FC storage silos.
- › The standard **FRAME** fan selection is based on an air volume of 7m<sup>3</sup>/tonne stored.
- › Available in both static & mobile versions, the VFIS/VCAR range of fans are supplied with hot dipped galvanized mild steel casings, dynamically balanced steel impeller, direct coupled TEFC IP55 motors, inlet & outlet guards
- › The static version of the VFIS range of fans is supplied with a 2m long x 400mm diameter flexible PVC sleeve, clamping band & outlet transition.
- › The **FRAME** range of VCAR mobile fan units is available up to the model VFIS185Z (18.5 KW) & are supplied mounted on wheels & equipped with handgrips for easy handling.

### FAN PERFORMANCE

ELECTRICAL FANS PERFORMANCES - MODEL VFIS																											
"Capacity tolerance ±5% Noise level tolerance +3 dB(A)"				Air capacity (m <sup>3</sup> /h)																							
Fan type	g/1' rpm	kW inst.	dB(A) 1,5 mt	2400	2700	3000	3360	3780	4260	4800	5400	6000	6720	7500	8400	9600	10800	12000	13500	15000	16800	18900	21300	27000	30000	33600	37800
				Total pressure (mm H <sub>2</sub> O)																							
VFIS02Z	2850	2,2	77	165	162	159	150	140	125	106	82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VFIS03Z	2900	3	78	-	190	188	185	179	170	162	152	140	125	100	-	-	-	-	-	-	-	-	-	-	-	-	-
VFIS04Z	2900	4	79	-	-	-	210	210	208	205	200	190	175	160	140	90	-	-	-	-	-	-	-	-	-	-	-
VFIS05Z	2900	5,5	82	-	-	-	-	230	230	225	220	215	200	185	165	140	110	70	-	-	-	-	-	-	-	-	-
VFIS07Z	2900	7,5	84	-	-	-	-	-	-	270	270	268	262	255	248	235	210	180	-	-	-	-	-	-	-	-	-
VFIS10Z	2930	11	85	-	-	-	-	-	-	-	300	298	292	282	275	260	238	215	190	158	100	-	-	-	-	-	-
VFIS15Z	2935	15	88	-	-	-	-	-	-	-	-	-	350	348	342	335	325	305	290	260	225	150	-	-	-	-	-
VFIS18Z	2935	18,5	89	-	-	-	-	-	-	-	-	-	-	380	377	368	360	347	335	310	280	250	205	-	-	-	-
VFIS150PHZ	1460	15	79	-	-	-	-	-	-	-	-	-	-	-	-	-	180	180	177	172	165	160	145	115	97	65	-
VFIS180PHZ	1470	18,5	82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	215	215	214	210	205	192	170	150	90
VFIS200PHZ	1470	22	83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	235	230	228	220	200	185	170	145
VFIS300PHZ	1470	30	85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	250	250	242	232	220	205

Detailed fan curves & noise levels are available upon request.

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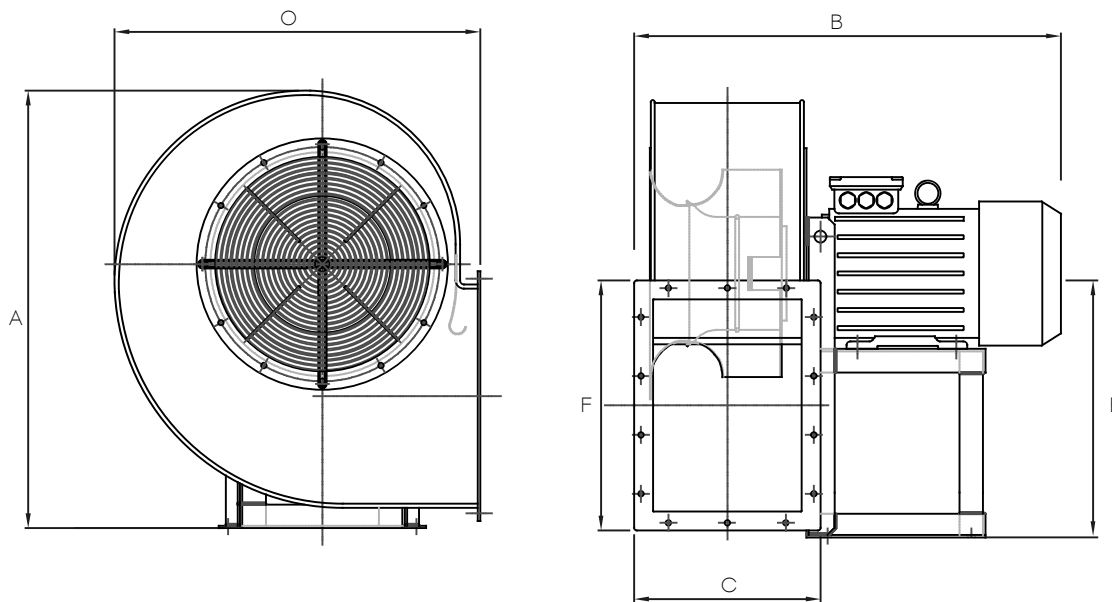


Rif. 57x0013 Rev.0 - FRAME reserves the right to change specification without prior notice.

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### BASIC DIMENSIONS



FAN MODEL	A	B	C x F	O	E
VFIS022Z	740	575	250x355	620	450
FVIS030Z	740	640	250x355	620	450
VFI040Z	830	670	280x400	695	500
VFIS055Z	830	730	280x400	695	500
VFIS110Z	930	905	315x450	780	560
VFIS150Z	1040	945	355x500	850	630
VFSI185Z	1040	945	355x500	850	630
VFIS150P4Z	1490	1100	500x710	1200	900
VFIS220P4Z	1643	1270	500x800	1338	1000
VFIS185P4Z	1643	1240	560x800	1338	1000
VFIS0300P4Z	1775	1350	630x900	1485	1060

All dimensions are in mm  
Fully detailed planning in drawing available on request.