


**CAD-CAM AIR CONSUMPTION AND RECOMMENDED MGF MODELS**

BRAND	MODEL	AIR CONSUMPTION (L/min)	CONSTANT PRESSURE BAR	SUGGESTED COMPRESSOR WITHOUT CABINET	SUGGESTED COMPRESSOR WITH CABINET
AMANN GIRRBACH	CERAMILL MICRO	50	min 6	50/25 PRIME M 10 BAR	CS 50/15 PRIME M 10 BAR
AMANN GIRRBACH	CERAMILL MOTION 2 (4x)	50	min 6	50/25 PRIME M 10 BAR	CS 50/25 PRIME M 10 BAR
AMANN GIRRBACH	CERAMILL MOTION 2 (5x)	50	min 6	50/25 PRIME M 10 BAR	CS 50/25 PRIME M 10 BAR
AMANN GIRRBACH	ARGOTHERM (high temp furnace)	150	6-8	100/50 TANDEM PRIME M 10 BAR	CS 100/50 TANDEM PRIME M 10 BAR
KAVO	ARCTICA ENGINE	min 40	min 6	50/15 PRIME M 10 BAR	CS 50/15 PRIME M 10 BAR
KAVO	EVEREST	min 40	min 6	50/15 PRIME M 10 BAR	CS 50/15 PRIME M 10 BAR
IMES ICORE	CORITECH 140 i	50	min 6	50/25 PRIME M 10 BAR	CS 50/25 PRIME M 10 BAR
IMES ICORE	CORITECH 245 i	min 50	min 6	50/25 PRIME M 10 BAR	CS 50/25 PRIME M 10 BAR
IMES ICORE	CORITECH 250 i	min 50	min 6	50/25 PRIME M 10 BAR	CS 50/25 PRIME M 10 BAR
IMES ICORE	CORITECH 350 i	80	min 6	50/25 PRIME M 10 BAR	CS 50/25 PRIME M 10 BAR
IMES ICORE	CORITECH 350 i + loader	100	min 6	50/25 PRIME S+M	CS 50/25 PRIME S+M 10 BAR
IMES ICORE	CORITECH 550 i - air cooled	150	min 7	100/50 TANDEM PRIME M 10 BAR	CS 100/50 TANDEM PRIME M 10 BAR
IMES ICORE	CORITECH 550 i - liquid cooled	60	min 7	50/25 PRIME M 10 BAR	CS 50/25 PRIME M 10 BAR
IMES ICORE	CORITECH 650 i + loader	150	min 7	100/50 TANDEM PRIME M 10 BAR	CS 100/50 TANDEM PRIME M 10 BAR
IMES ICORE	CORITECH 850 i	250	min 7	SCREW MEC G 4/270 WITH DRYER	SCREW MEC G 4/270 WITH DRYER
PLANMECA	PLANMILL 40	75	min 3,5	50/25 PRIME M 10 BAR	CS 50/25 PRIME M 10 BAR
PLANMECA	PLANMILL 50	50	min 6	50/25 PRIME M 10 BAR	CS 50/25 PRIME M 10 BAR
ROLAND	DWX-4W	114	min 7	50/25 PRIME S+M 10 BAR	CS 50/25 PRIME S+M 10 BAR
ROLAND	DWX51	30	min 7	50/15 PRIME M 10 BAR	CS 50/15 PRIME M 10 BAR

BRAND	MODEL	AIR CONSUMPTION (L/min)	CONSTANT PRESSURE BAR	SUGGESTED COMPRESSOR WITHOUT CABINET	SUGGESTED COMPRESSOR WITH CABINET
SIRONA	INLAB MC X5	80		50/25 PRIME M 10 BAR	CS 50/25 PRIME M 10 BAR
VHF	CAM 5-S1	80	min 6	50/25 PRIME M 10 BAR	CS 50/25 PRIME M 10 BAR
VHF	CAM 5-S2	80	min 6	50/25 PRIME M 10 BAR	CS 50/25 PRIME M 10 BAR
VHF	CAM 4-K3	not needed	-		
VHF	CAM 4-K4	80	min 6	50/25 PRIME M 10 BAR	CS 50/25 PRIME M 10 BAR
VHF CAM 4-N4	N4	50	min 4	50/25 PRIME M 10 BAR	CS 50/25 PRIME M 10 BAR
WIELAND	ZENOTEC MINI	90	min 7	50/25 PRIME M 10 BAR	CS 50/25 PRIME M 10 BAR
WIELAND	ZENOTEC SELECT	110	min 7	50/25 PRIME S+M	CS 50/25 PRIME S+M 10 BAR
WIELAND	SELECT ION	140	min 7	100/50 TANDEM PRIME M 10 BAR	CS 100/50 TANDEM PRIME M 10 BAR
YENADENT	5.0	240	min 6,5	SCREW MEC G 4/270 WITH DRYER	SCREW MEC G 4/270 WITH DRYER
ZIMMER	Zfx Inhouse 5x	250	6	200/75 PRIME M 10 BAR	
ZIRKONZAHN	M1-M3-M4-M5-M6	120	min 6	50/25 PRIME S+M	CS 50/25 PRIME S+M 10 BAR

*MGF recommends to validate the above provided values testing the ON/OFF cycles of the compressors after the installation.*

#### COMPRESSORS TECHNICAL DATASHEET:

BASIC VERSIONS	max air flow at 7 bar at 100% duty cycle (l/min)	Motor power	Voltage/frequency	Air receiver	Dimensions
50/15 PRIME M 10 BAR	65 l/min - 2,3 CFM	2 HP - 1,5 kW	230V-50Hz	40 l - 10,57 gal	710x410x770 mm
50/25 PRIME M 10 BAR	95 l/min - 3,4 CFM	3 HP - 2,2 kW	230V-50Hz	40 l - 10,57 gal	710x410x810 mm
50/25 PRIME S+M 10 BAR*	125 l/min - 4,4 CFM	3 HP - 2,2 kW	230V-50Hz	50 l - 13,20 gal	740x480x970 mm
100/50 TANDEM PRIME M 10 BAR	190 l/min - 6,7 CFM	6 HP - 4,4 kW	400V-50Hz	90 l - 23,77 gal	1100x630x820 mm
200/75 PRIME M 10 BAR	285 l/min - 10 CFM	9 HP - 6,6 Kw	400V-50Hz	200 l - 52,83 gal	1450x820x900 mm

SILENCED VERSIONS	max air flow at 7 bar at 100% duty cycle (l/min)	Motor power	Voltage/frequency	Air receiver	Dimensions
<b>CS 50/15 PRIME M 10 BAR</b>	60 l/min - 2,1 CFM	2 HP - 1,5 kW	230V-50Hz	40 l - 10,57 gal	720x490x890 mm
<b>CS 50/25 PRIME M 10 BAR</b>	90 l/min - 3,2 CFM	3 HP - 2,2 kW	230V-50Hz	40 l - 10,57 gal	720x490x890 mm
<b>CS 50/25 PRIME S+M 10 BAR*</b>	120 l/min - 4,2 CFM	3 HP - 2,2 kW	230V-50Hz	50 l - 13,20 gal	720x490x890 mm
<b>CS 100/50 TANDEM PRIME M 10 BAR</b>	180 l/min - 6,3 CFM	6 HP - 4,4 kW	400V-50Hz	90 l - 23,77 gal	725x1245x1020 mm

*400V 50/60 Hz and 220V-60 Hz versions available on demand*

*Average dew point measured at 20°C ambient temperature and 50% relative humidity: -20°C at atmospheric pressure*

*\* solution under testing, not still in production*