

# SPECIFICATION SHEET FOR VivAir Airport Buses



## DRIVELINE

| ENGINE TYPE 1: MAN D0836 LOH41 EURO III or MAN D0836 LOH64 EURO V

| RATING: 176 kW (240 HP) @ 2.400 min-1

| TORQUE: 925 Nm @ 1.200-1.800 min-1

3 X three-phase alternator 28V/(110A/120A)

| ENGINE TYPE 2: DEUTZ TCD 2013 L06 4V EURO III or EURO V

| RATING: 206 kW (280 ps) @ 2.300 min-1

| TORQUE: 1.050 Nm @ 1.400 min-1

## TANK VOLUME

| 190 Ltrs.

## EXHAUST SYSTEM

| Reversible exhaust routing to the left or to the right | Depending on the passenger door opening

## GEARBOX

| Automatic gearbox VOITH DIWA 851.3E

## AXLES

| Kessler type LT51PL377, planetary rigid, driven & steered | Independent rear axle with Kessler LO71 wheel head | 8 air (4 front /4 rear) bellow suspension w. ECAS kneeling system | Lowering system on front and rear axle to the right and the left, disengageable

## BRAKES

| Dual-circuit brake system (KNORR-BREMSE), service brake, security brake, parking brake, ECE conform

## TECHNICAL DATA ALL MODELS

	60S	72M	84L	88W	104WL
Overall Length (OL)	11.946	13.283	14.720	13.283	14.720
Overall Width (OW)	2.750	2.750	2.750	3.170	3.170
Height with A/C (OH)	3.000	3.000	3.000	3.000	3.000
Front overhang (FO)	3.270	3.270	3.270	3.270	3.270
Wheel base (WB)	5.436	6.773	8.210	6.773	8.210
Rear overhang (RO)	3.240	3.240	3.240	3.240	3.240
Wheel track, front (FT)	2.146	2.146	2.146	2.146	2.156
Wheel track, rear (RT)	2.204	2.204	2.204	2.538	2.538
Angle of approach (°)	4	4	4	4	4
Angle of departure(°)	4	4	4	4	4
Turning radius (m)	11.300	13.239	15.217	13.380	15.300
Net weight (t)	11.600	12.200	13.000	13.000	13.450
Tire sizes	315/80 R22.5	385/65 R22.5	385/65 R22.5	385/65 R22.5	425/65 R22.5

## PASSENGER CAPACITY ALL MODELS

	60S	72M	84L	88W	104WL
4 Passengers/m <sup>2</sup>	74	88	98	104	120
5 Passengers/m <sup>2</sup>	88	104	118	124	144
Standing height, inside (mm)	2.380	2.380	2.380	2.380	2.380
Floor height (mm)	350	350	350	350	350
With kneeling (mm)	280	280	280	280	280
Seating	5	5	5	6	6

**TAM**

VIVAIR

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## WHEELS / TYRES

| Four wheels, size 13.00X22.5 ET 120 | Four tyres, sizes in table on first page

## ELECTRIC SYSTEM

| 24V , 2X low maintenance batteries 12V/180Ah, electric battery | Main switch, automatic fuses | Mechanical battery isolator switch

## AIR-CONDITIONING

| Eberspaecher Suetrak 38-44 kW cooling capacity | Separate A/C and fan for driver cabin Eberspaecher Suetrak 403 | Thermoking Athenia APX III - 1012 (46 kW)

## DASHBOARD

| Electronic speedometer, multi-function stalk switch | Central monitoring lamps, gauges for brake system, reservoir pressure, fuel reserves, coolant temperature and oil pressure. Radio, inter phone loud speaker sys. | Switches for passenger door activating (single and in groups)

## CB RADIO

| Provision for CB-radio-system (wiring)

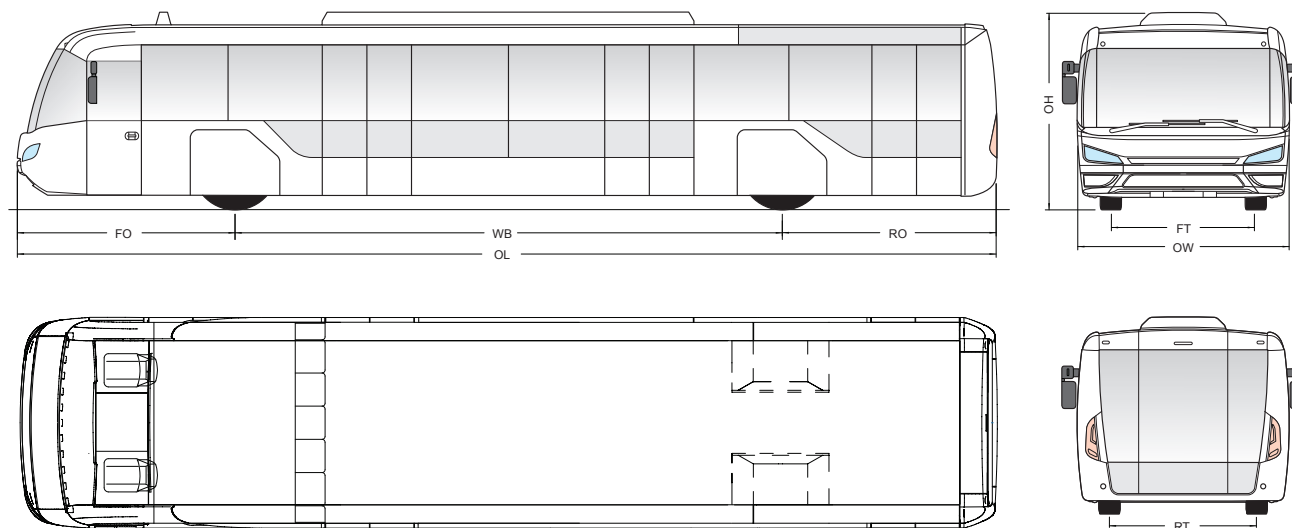
## HEATING

| Heating in driver's cabin and passenger compartment controlled by adjustable thermostat valve (WEBASTO, EBERSPAECHER)

## VENTILATION

| 4 double-radial blowers (8.000 m<sup>3</sup>/hour)

## DIMENSIONS FOR VIVAIR



## FLOOR COVERING

| Grey synthetic covering (non-slip), yellow at doors areas

## MIRRORS

| 2 wing mirrors, electrically adjustable and heated  
1 mirror for interior observation

## DRIVERS CABIN DOORS

| Driver's door and co-driver's door with electric sliding windows

## PASSENGER DOORS

| Pneumatically operated (2 or 3 on each side) | Door width: 1.350 mm, Door height: 2.157 mm | Emergency openings on each door inside passenger compartment | Outside emergency opening mechanism on each side of the vehicle | Optional rear door