

AGSS (Anaesthetic Gas Scavenging System) Plant

Three Phase • Simplex Pump Unit

Classification

- Conforming to BS 6834:1987, HTM 2022, HTM02 and C11 requirements

Construction

- Anti-vibration feet fitted to each pump
- Oil-free side channel pump
- Air cooled pump
- Floor mounted base unit
- Three phase control unit
- Condensation traps and flexible links fitted to the exhaust as standard
- Supplied with a vacuum relief valve
- Degreased copper connection for inlet to MGPS

Features

- Three phase
- 50/60 Hz compatible
- 240 V controls (24 V controls also available)
- Wall mounted frames also available
- Weather proof enclosures also available
- All interconnecting wiring and pipework included
- Remote On/Off switches (flush or surface mounted)

Easy to Install

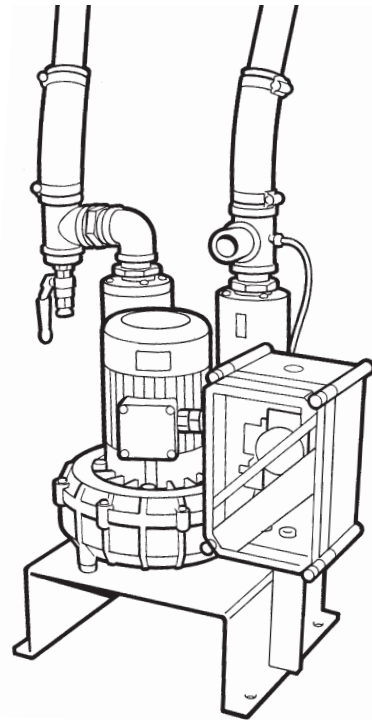
- Exhaust warning label available
- Maximum weight: see installation sheet

Electrical Installation Requirements

- Separate isolators to be provided by the electrical contractors
- Final connection by the medical gas installer

Electrical Circuit Protection

- Pump control unit contains a separate isolator for circuit protection



Part Numbers

Three Phase	Output	Service Connection	
		Inlet	Outlet
3265102	130 L/min	42 mm	42 mm
3265104	260 L/min	42 mm	42 mm
3265106	390 L/min	42 mm	42 mm
3265108	520 L/min	42 mm	42 mm
3265110	780 L/min	42 mm	42 mm
3265112	1040 L/min	42 mm	42 mm
3265113	1430 L/min	42 mm	42 mm
3265114	1820 L/min	54 mm	54 mm
3265115	2600 L/min	54 mm	54 mm
3265116	3770 L/min	54 mm	54 mm

Refer to next pages for further information

AGSS (Anaesthetic Gas Scavenging System) Plant

Single Phase • Simplex Pump Unit

Classification

- Conforming to BS 6834:1987, HTM 2022, HTM02 and C11 requirements

Construction

- Anti-vibration feet fitted to each pump
- Oil-free side channel pump
- Air cooled pump
- Floor mounted base unit
- Single phase control unit
- Condensation traps and flexible links fitted to the exhaust as standard
- Supplied with a vacuum relief valve
- Degreased copper connection for inlet to MGPS

Features

- Single phase
- 50/60 Hz compatible
- 240 V controls (24 V controls also available)
- Wall mounted frames also available
- Weather proof enclosures also available
- All interconnecting wiring and pipework included
- Remote On/Off switches (flush or surface mounted)

Easy to Install

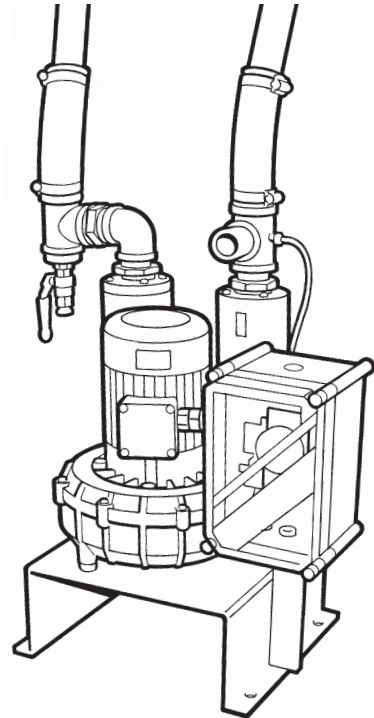
- Exhaust warning label available
- Maximum weight: see installation sheet

Electrical Installation Requirements

- Separate isolators to be provided by the electrical contractors
- Final connection by the medical gas installer

Electrical Circuit Protection

- Pump control unit contains a separate isolator for circuit protection



Part Numbers

Single Phase	Output	Service Connection	
		Inlet	Outlet
3265101	130 L/min	42 mm	42 mm
3265103	260 L/min	42 mm	42 mm
3265105	390 L/min	42 mm	42 mm
3265107	520 L/min	42 mm	42 mm
3265109	780 L/min	42 mm	42 mm
3265111	1040 L/min	42 mm	42 mm

Refer to next pages for further information



AGSS (Anaesthetic Gas Scavenging System) Plant

Single / Three Phase • Simplex Pump Unit

Single Phase

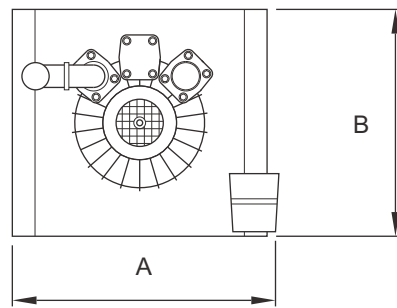
Model	Part No.	Output	No. of Phases	Dimensions			Weight kg	KW	Electrical Details			Fuse
				A	B	C			Start Current	Run Current	Start Type	
SGS 130/1	3265101	130 L/min	1	380	300	700	21	0.37	21.6 A	3.6 A	D.O.L.	10 A
SGS 260/1	3265103	260 L/min	1	380	300	700	21	0.37	21.6 A	3.6 A	D.O.L.	10 A
SGS 390/1	3265105	390 L/min	1	430	350	700	27	0.75	28.8 A	4.8 A	D.O.L.	16 A
SGS 520/1	3265107	520 L/min	1	430	350	750	27	0.75	28.8 A	4.8 A	D.O.L.	16 A
SGS 780/1	3265109	780 L/min	1	430	350	800	33	1.1	42.0 A	7.0 A	D.O.L.	20 A
SGS 1040/1	3265111	1040 L/min	1	430	350	800	33	1.1	42.0 A	7.0 A	D.O.L.	20 A

Three Phase

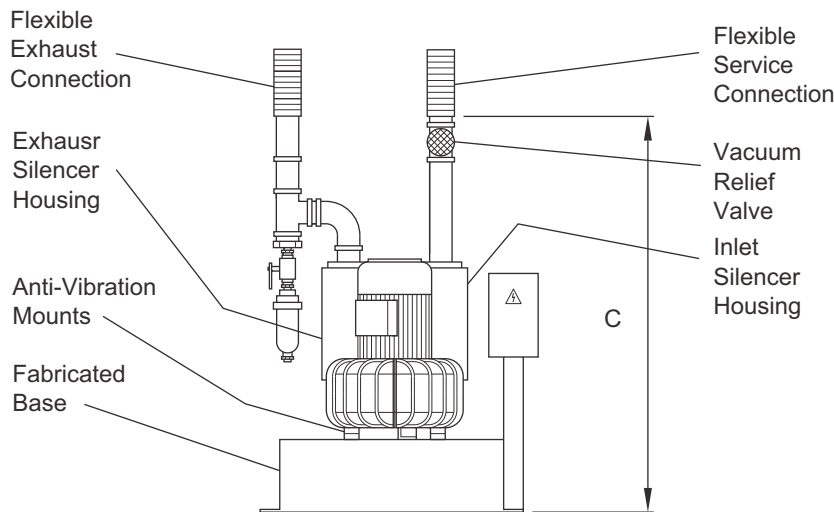
Model	Part No.	Output	No. of Phases	Dimensions			Weight kg	KW	Electrical Details			Fuse
				A	B	C			Start Current	Run Current	Start Type	
SGS 130/3	3265102	130 L/min	3	380	300	700	21	0.37	7.2 A	1.2 A	D.O.L.	4 A
SGS 260/3	3265104	260 L/min	3	380	300	700	21	0.37	7.2 A	1.2 A	D.O.L.	4 A
SGS 390/3	3265106	390 L/min	3	430	350	700	27	0.75	10.8 A	1.8 A	D.O.L.	6 A
SGS 520/3	3265108	520 L/min	3	430	350	750	27	0.75	10.8 A	1.8 A	D.O.L.	6 A
SGS 780/3	3265110	780 L/min	3	430	350	800	33	1.1	15.6 A	2.6 A	D.O.L.	6 A
SGS 1040/3	3265112	1040 L/min	3	430	350	890	33	1.1	15.6 A	2.6 A	D.O.L.	6 A
SGS 1430/3	3265113	1430 L/min	3	480	400	890	33	1.5	21.0 A	3.5 A	D.O.L.	10 A
SGS 1820/3	3265114	1820 L/min	3	580	500	900	43	2.0	30.0 A	5.0 A	D.O.L.	16 A
SGS 2600/3	3265115	2600 L/min	3	580	500	950	43	3.0	40.2 A	6.7 A	D.O.L.	16 A
SGS 3770/3	3265116	3770 L/min	3	580	500	950	48	3.0	40.2 A	6.7 A	D.O.L.	16 A

AGSS (Anaesthetic Gas Scavenging System) Plant

Single / Three Phase • Simplex Pump Unit



Plan



Elevation

All dimensions are in millimetres

AGSS Plant Simplex Pump Unit

Mounting Options

Floor mounted base unit, optional wall mounting frames also available

Installed Sizes

See table

AGSS (Anaesthetic Gas Scavenging System) Plant Three Phase • Duplex Pump Unit

Classification

- Conforming to BS 6834:1987, HTM 2022, HTM02 and C11 requirements

Construction

- Anti-vibration feet fitted to each pump
- Oil-free side channel pump
- Air cooled pump
- Floor mounted base unit
- Single or three phase control unit
- Condensation traps and flexible links fitted to each exhaust as standard
- Supplied with a vacuum relief valve
- Degreased copper connection for inlet to MGPS

Features

- Single or three phase
- 50/60 Hz compatible
- 240 V controls (24 V controls also available)
- Wall mounted frames also available
- Weather proof enclosures also available
- All interconnecting wiring and pipework included
- Swing check valve to each pump to allow maintenance for each pump
- Remote On/Off switches (flush or surface mounted)

Easy to Install

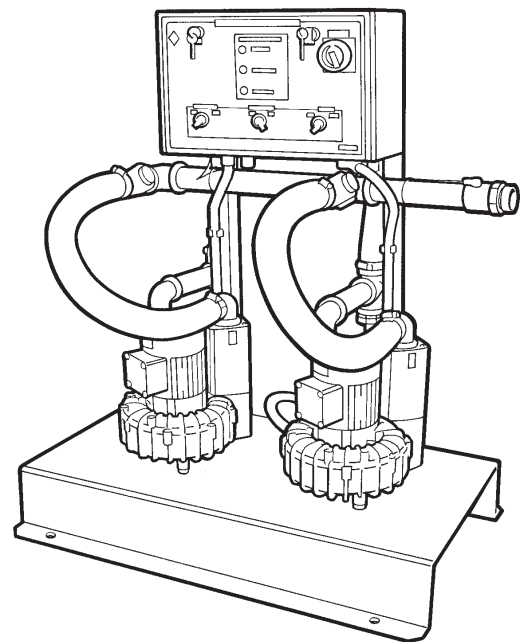
- Exhaust warning label available
- Interface unit available for connection for monitoring to the BMS
- Maximum weight: see installation sheet

Electrical Installation Requirements

- Separate isolators to be provided by the electrical contractors
- Final connection by the medical gas installer

Electrical Circuit Protection

- Pump control unit contains a separate isolator for circuit protection



Part Numbers

Three Phase	Output	Service Connection	
		Inlet	Outlet
3265151	130 L/min	42 mm	42 mm
3265152	260 L/min	42 mm	42 mm
3265153	390 L/min	42 mm	42 mm
3265154	520 L/min	42 mm	42 mm
3265155	780 L/min	42 mm	42 mm
3265156	1040 L/min	42 mm	42 mm
3265157	1430 L/min	42 mm	42 mm
3265158	1820 L/min	54 mm	54 mm
3265159	2600 L/min	54 mm	54 mm
3265160	3770 L/min	54 mm	54 mm

Refer to next pages for further information

For information on Single Phase AGSS Duplex Pump Units please contact Penlon Medical Gas Solutions Sales Office

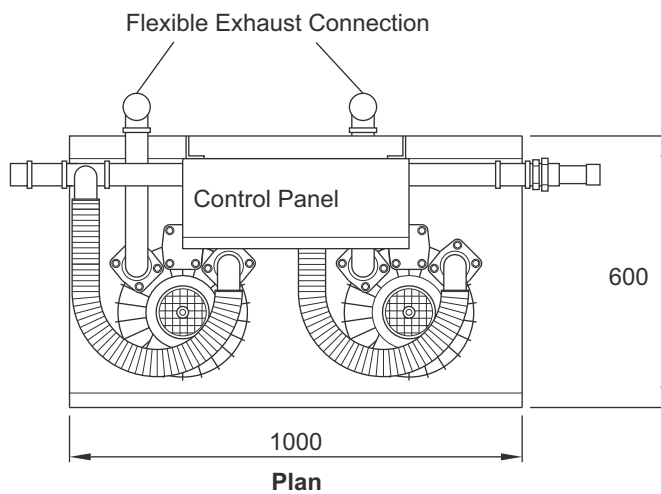
AGSS (Anaesthetic Gas Scavenging System) Plant Three Phase • Duplex Pump Unit

Model	Part No.	Output	Weight kg	KW	Electrical Details			Fuse
					Start Current	Run Current	Start Style	
DGS 130	3265151	130 L/min	65	0.37 x 2	8.4 A	1.2 A x 2	D.O.L.	6 A
DGS 260	3265152	260 L/min	65	0.37 x 2	8.4 A	1.2 A x 2	D.O.L.	6 A
DGS 390	3265153	390 L/min	78	0.75 x 2	12.6 A	1.8 A x 2	D.O.L.	10 A
DGS 520	3265154	520 L/min	78	0.75 x 2	12.6 A	1.8 A x 2	D.O.L.	10 A
DGS 780	3265155	780 L/min	90	1.10 x 2	18.2 A	2.6 A x 2	D.O.L.	10 A
DGS 1040	3265156	1040 L/min	90	1.10 x 2	18.2 A	2.6 A x 2	D.O.L.	10 A
DGS 1430	3265157	1430 L/min	98	1.50 x 2	25.5 A	3.5 A x 2	D.O.L.	16 A
DGS 1820	3265158	1820 L/min	98	2.00 x 2	35.0 A	5.0 A x 2	D.O.L.	20 A
DGS 2600	3265159	2600 L/min	120	3.00 x 2	46.9 A	6.7 A x 2	D.O.L.	25 A
DGS 3770	3265160	3770 L/min	120	3.00 x 2	46.9 A	6.7 A x 2	D.O.L.	25 A



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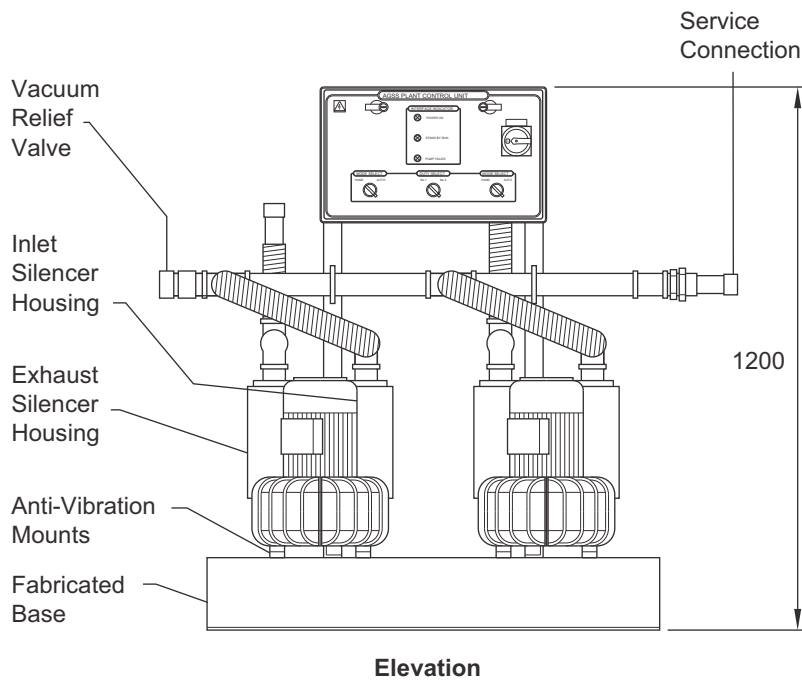
AGSS Plant Duplex Pump Unit

Mounting Options

Floor mounted base unit,
optional wall mounting
frames also available

Installed Sizes

Height	1200 mm
Width	1000 mm
Depth	600 mm



All dimensions are in millimetres