

MANN +
HUMMEL

ScandMist 200R
Oil smoke filtration
system

ScandMist 200R

Oil smoke filtration system

| General | Product | Units | ScandMist 200R Gen 2.5 |
|----------------------------|------------------------------|--------|---------------------------------------|
| | Application | | Neat Oil |
| | Capacity (nominal) | CFM | 1200 |
| | Part Number | | A1B20RB000000A |
| Connections | Inlet type | | Jacobs |
| | Inlet Diameter | Inches | 12 |
| | Drain | | 2 off, 2" Threaded (BS 21) Female |
| | Air Inlet Options | | Left/Right |
| | Exhaust | | On top |
| Filters | Filters/Stage | | 2 |
| | Pre-filter | | Not included |
| | Stage 1 Filter | | 9709006037 |
| | Stage 2 Filter | | 9709006038 |
| | Stage 3 Filter | | 5211343315 |
| | Final Pressure Drop | Pa | 2040 |
| Motor Options | Type | | Electrically commutated |
| | Part number | | 9709016094 |
| | Quantity | | 2 |
| | Mains Supply | | 3- 400V 50Hz/60Hz |
| | Ventilation | | TEFC |
| | Power | HP | 2 x 5 |
| | Maximum Current | A | 9.2 |
| | Speed | RPM | Max 4100 |
| | Environmental Protection | | IP54 |
| Physical properties | Width | Inches | 30 |
| | Height | Inches | 78 |
| | Depth | Inches | 52 |
| | Weight | lbs | Clean filters: 815, Wet filters: 1003 |
| | Noise Level | dB(A) | <69 |
| | Fan | | Backward Bent Blades |
| | Finish | | Powder coating inside and outside |
| Controls | Control System | | Micaflex MF-PFA |
| | Differential Pressure Gauges | | 3 off |
| Options | Oil pump | | Not included |
| | Level sensor | | Not included |
| | Spray | | Not included |
| | Silencer | | Insulated fan housing |

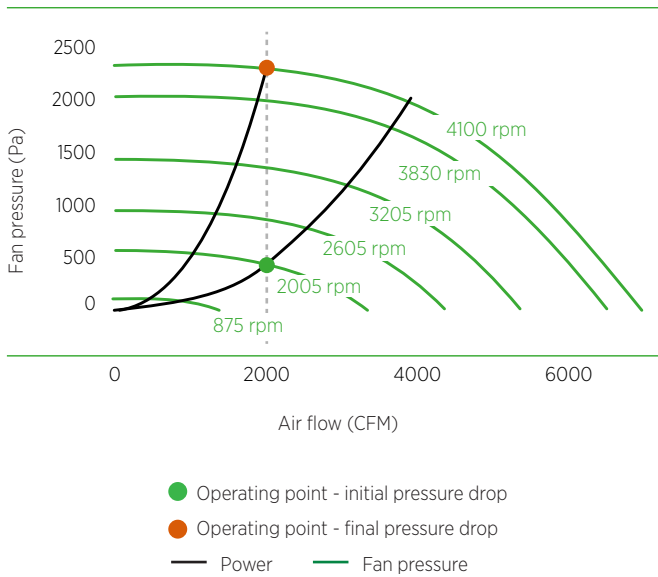
EC fan and motor

The standard EC fan and motor delivers good energy efficiency with quiet operation.



Connecting interface

Wiring via a Harting male/female connector. Quick and easy installation with all connecting interfaces at one spot.

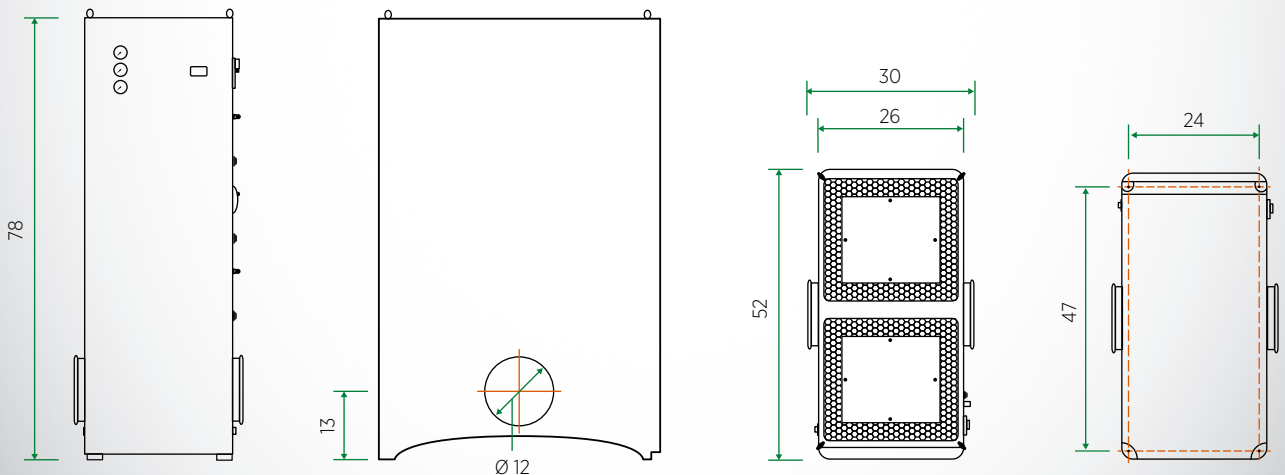


| Power | | Signal exchange | | |
|-------|----|-----------------|--------|--|
| 1 | L1 | 1 | +24V | Power |
| 2 | L2 | 2 | M | |
| 3 | L3 | 3 | ON/OFF | Machine or switch |
| 4 | N | 4 | M | |
| 5 | PE | 5 | AL1 | Alarm 1, Motor/Power |
| | | 6 | M | |
| | | 7 | AL2 | Alarm 2, System pressure high/low/operation signal |
| | | 8 | N | |
| | | 9 | AL3 | Alarm 3, System pressure high/low/operation signal |
| | | 10 | N | |
| | | 11 | Reset | Reset for alarms |
| | | 12 | N | |
| | | 13 | AI2 | Analog output 2 of Micaflex MF-PFA |
| | | 14 | N | |

Dimensions and weight

Units: Inches

| Weight | lbs |
|---------------|------|
| Empty | 572 |
| Clean filters | 814 |
| Wet filters | 1001 |





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