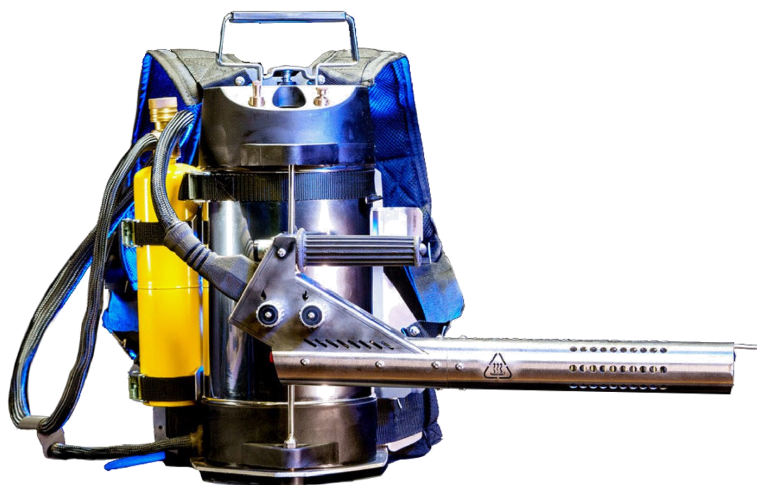


# Concept Smoke Systems

## Gas Powered - Van Hunks



The Van Hunks Gas Powered Smoke Generator is a versatile portable fogger, designed for large volumes of smoke in remote areas with no power supply. It boasts huge smoke output, ergonomic design and large fluid tank for extended operating times, making it perfect for creating atmospheric effects.



### Special Features of the Van Hunks Smoke Generator:

- **Ergonomic design:** Ergonomically engineered for effortless operation, ensuring the continuous smoke output.
- **Extended operating time:** Boasts the longest runtime among portable machines on the market, with at least one hour at full output.
- **Versatile fluid compatibility:** Optimised water-based smoke fluid, but also performs exceptionally well with oil-based smoke fluid.
- **Adaptable usage:** Highly versatile, suitable for portable use or as a stationary unit to supply a Smoke tube system \*under supervision.
- **Durability and reliability:** Built to be robust and dependable.
- **High smoke output:** Delivers an impressive smoke output
- **Quiet operation:** Operates with minimal noise, making it ideal for shooting with sound.
- User serviceable and repairable.

### Accessories include:



Gas Canisters



Flight cases



Smoke Fluid



Spares / Coils



## Demonstration Video

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# Concept Smoke Systems

## Pure Water Fogger AFM Apollo Series



AP35-3 (LN2)	AP100-3 (LN2)
	
<p><b>Key Features:</b></p> <ul style="list-style-type: none"> <li>Single (optional double) Ø 80 mm fog outlet port</li> <li>9 L WFI-water tank and 35 L LN2 double-wall dewar</li> <li>Dual heating system with 2 built-in heating coils</li> <li>Control unit, water tank, and dewar made of stainless steel</li> <li>Stainless steel carriage with 4 castors and protective transport frame (semi-circular demountable housing)</li> <li>One fog rake (Ø 80 x 650 mm) with outlet direction nozzles</li> <li>One 5 m flexible tube with end tips (Ø 80 mm)</li> </ul> <p><b>Performance Specifications:</b></p> <ul style="list-style-type: none"> <li>Maximum cycle time with one filling: 47 minutes (refill water tank and exchange LN2 dewar on the fly)</li> <li>Generated fog volume: 8.2 m<sup>3</sup>/min (290 cft/min)</li> <li>Fog density per minute: 866 ml</li> <li>Fog characteristics: Extremely dense and paper-white fog</li> <li>Total fog volume per 60-minute cycle: 492 m<sup>3</sup></li> <li>Visible fog distance: 7 to 10 meters</li> <li>Fog type: High volume of dense, white, pure fog</li> </ul> <p><b>Additional Features:</b></p> <ul style="list-style-type: none"> <li>Optional remote control</li> <li>Pressure build-up controller and pressure reduction controller</li> <li>Fill level control for water tank and nitrogen dewar</li> <li>Pressureless system operating at only 0.3 bar (43.5 PSI)</li> </ul> <p><b>Dimensions &amp; Weight:</b></p> <p>121 x 59 x 88 cm (47.6 x 23.2 x 35 in)</p> <p><b>Power Supply:</b></p> <p>100-240V, 47/63 Hz</p>	<p><b>Key Features:</b></p> <ul style="list-style-type: none"> <li>Double Ø 80 mm fog outlet ports</li> <li>9 L WFI-water tank and 100 L LN2 double-wall dewar</li> <li>Dual heating system with 2 built-in heating coils</li> <li>Stainless steel construction for the control unit, water tank, and dewar</li> <li>Decoupled sections for the control unit and dewar, each equipped with 4 castors (two movable and two fixed), allowing independent movement</li> <li>Two fog rakes (Ø 80 x 650 mm) with outlet direction nozzles</li> <li>Two 5 m flexible tubes with end tips (Ø 80 mm)</li> </ul> <p><b>Performance Specifications:</b></p> <ul style="list-style-type: none"> <li>Maximum cycle time with one filling: 90 minutes (refill water tank and exchange LN2 dewar on the fly)</li> <li>Generated fog volume: 14 m<sup>3</sup>/min (495 cft/min)</li> <li>Fog density per minute: 866 ml</li> <li>Fog characteristics: Extremely dense and paper-white fog</li> <li>Total fog volume per 60-minute cycle: 840 m<sup>3</sup></li> <li>Visible fog distance: 10 to 14 meters</li> <li>Fog type: High volume of dense, white, pure fog</li> </ul> <p><b>Additional Features:</b></p> <ul style="list-style-type: none"> <li>Optional remote control</li> <li>Pressure build-up controller and pressure reduction controller</li> <li>Vacuum seal to minimize LN2 loss when not in operation</li> <li>Fill level control for water tank and nitrogen dewar</li> <li>Pressureless system operating at only 0.3 bar (43.5 PSI)</li> <li>Nitrogen filling hose with phase separation</li> </ul> <p><b>Dimensions &amp; Weight:</b></p> <p>121 x 59 x 127 cm (47.6 x 23.2 x 50 in)</p> <p><b>Power Supply:</b></p> <p>100-240V, 47/63 Hz</p>






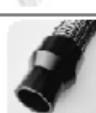




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# Concept Smoke Systems

## Pure Water Fogger AFM Apollo Series



LINE	ITEM (PICTURE)	ITEM DESCRIPTION	
3	FL650.60-STR		Ø 60 x 650 mm FOG RAKE, <b>FITTED W/OUTLET DIRECTION NOZZLES</b>
4	FL.1300.60-STR		Ø 60 x 1.300 mm FOG RAKE, <b>FITTED W/OUTLET DIRECTION NOZZLES</b>
5	FL.650.80-STR		Ø 80 x 650 mm FOG RAKE, <b>FITTED W/OUTLET DIRECTION NOZZLES</b>
6	FL.1300.80-STR		Ø 80 x 1.300 mm FOG RAKE, <b>FITTED W/OUTLET DIRECTION NOZZLES</b>
7	FL.1850.80-STR		Ø 80 x 1.850 mm FOG RAKE, <b>FITTED W/OUTLET DIRECTION NOZZLES</b>
8	FL.1350.80-T		Ø 80 x 1.300 mm FOG RAKE T-PATTERN VERSION, FOG RAKE, <b>FITTED W/OUTLET DIRECTION NOZZLES</b>
9	TUBE.3000.60-BS		3 m FLEXIBLE TUBE WITH END TIPS (Ø 60 mm)
10	EXT.TUBE.3000.60-BS		Ø 60 mm FLEXIBLE TUBE EXTENSION (PER EACH ADDITIONAL m OF LENGTH ON TOP)
11	TUBE.3000.80-BS		3 m FLEXIBLE TUBE WITH END TIPS (Ø 80 mm)
12	TUBE.5000.80-BS		5 m FLEXIBLE TUBE WITH END TIPS (Ø 80 mm)
13	EXT.TUBE.3000.80-BS		Ø 80 mm FLEXIBLE TUBE EXTENSION (PER EACH ADDITIONAL m OF LENGTH ON TOP)
14	THROTTLE.60		Ø 60 mm THROTTLE VALVE FOR A 0 TO 100 % OUTPUT ADJUSTMENT AT HOSE TIP
15	THROTTLE.80		Ø 80 mm THROTTLE VALVE FOR A 0 TO 100 % OUTPUT ADJUSTMENT AT HOSE TIP
16	OUTLET.45° (80)		45° FLEXIBLE Ø 80 mm HOSE TO BE CONNECTED TO FOG OUTLET PORT PROVIDING A STABLE OUTPUT RIGHT ON SPOT.
17	80.60 RED		REDUCTION FROM 80 TO 60 mm DIAMETER (THIS REDUCTION COMES WITHOUT THROTTLE VALVE!)
18	TUBE.CON (60)		OD 60 mm TUBE CONNECTOR COUPLING TWO HOSES
19	TUBE.CON (80)		OD 80 mm TUBE CONNECTOR COUPLING TWO HOSES
20	NOZ.350		350 mm BROAD FLAT FOG OUTPUT NOZZLE
21	NOZ.500		500 mm BROAD FLAT FOG OUTPUT NOZZLE WITH INSIDE BLADE STRUCTURE FOR A HOMOGENEOUS FOG PICTURE
22	T-SPLITTER.80-STRD		EXTRA T-PATTERN SPLITTER FOR CONFIGURATING OF A 1.300 mm T-PATTERN FOG RAKE VERSION OF 80 mm OD (TOGETHER WITH TWO FL.650.80-STR FOG RAKE ELEMENTS)
23	Y-SPLITTER.80-5"		Y-PATTERN SPLITTER FOR SPLITTING ONE TO TWO HOSES <b>ENABLING WORKING PARALLELY AT TWO VISUALIZATION SPOTS</b> . COMING WITH SHORT HOSE CONNECTING AFM-NEO TO Y-SPLITTER.
24	Y-SPLITTER.80-THROTTLE		Y-PATTERN SPLITTER <b>WITH ADDITIONAL BUTTERFLY VALVE IN EACH OUTGOING TUBE</b> FOR SPLITTING ONE TO TWO HOSES <b>ENABLING A 0 TO 100 % OUTPUT ADJUSTMENT AND PARALLEL WORKING AT TWO VISUALIZATION SPOTS</b> . COMING WITH SHORT HOSE CONNECTING AFM-NEO TO Y-SPLITTER.
25	QUAD		1 IN 4 OUT Y-PATTERN SPLITTER FOR SPLITTING ONE TO FOUR HOSES <b>ENABLING FOGGING PARALLELY AT FOUR VISUALIZATION SPOTS</b> (ONLY AVAILABLE FOR AFM40-NEO AND AFM40-NEO DUAL)
26	LED.BOOST-GEN2		DUAL LIGHT SOURCE KIT TO ESTABLISH HIGHER CONTRAST CONSISTING OF (1) LIGHT SOURCE #1 (360 POWERFUL LEDS 0,5 W SMD 2835 COLD WHITE) ... AND (2) LIGHT SOURCE #2 (LIGHT BAR VECTOR PIXEL BAR WITH PIXEL CONTROL AND 18x15W LEDs, RGBWA COLOUR MIXING, 45° BEMA ANGLE, 10/28/90/100 DMX CHANNELS)

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# Concept Smoke Systems

## Pure Water Fogger AFM Apollo Series



27	RC.AFM.AD		REMOTE CONTROL FOR SYSTEM FUNCTIONS ON/OFF, SWITCH & FLASH MODE, FAN UP/DOWN, 2-1 BLOCK RUN
28	<b>IQ/OQ</b>		<b>IQ/OQ DOCUMENTATION</b>
29	TRIPOD-L/F		DOUBLE TRIPOD KIT INCLUDING TWO STAINLESS STEEL FOG RAKE HOLDER PLATES WITH TWO FASTENING STRIPES COMBINED TO UP TO 4 m HIGH DOUBLE TRIPOD FOR FOG RAKE LIFTING AND POSITIONING IN UP TO 4 m OF HEIGHT IN ORDER TO CREATE AN UP TO 4 m WIDE FOG CURTAIN
30	TRIPOD-900		900 mm HIGH STAINLESS STEEL DOUBLE TRIPOD COMING WITH TWO TOP MOUNTED FOG RAKE HOLDER PLATES WITH TWO SILICONE FASTENING STRIPES
31	TRIPOD-1200		1200 mm HIGH STAINLESS STEEL DOUBLE TRIPOD COMING WITH TWO TOP MOUNTED FOG RAKE HOLDER PLATES WITH TWO SILICONE FASTENING STRIPES
32	TRIPOD-1500		1500 mm HIGH STAINLESS STEEL DOUBLE TRIPOD COMING WITH TWO TOP MOUNTED FOG RAKE HOLDER PLATES WITH TWO SILICONE FASTENING STRIPES
33	BOX.AP35-3   BOX.AP100-3		HEAVY DUTY TRANSPORT BOX FOR AP35-3   BOX.AP100-3

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