

Halton Completes the Circle

Sustainable Clean Air Exhaust and Make Up Air System with Heat Recovery System for Commercial Kitchen Ventilation



Halton Provides a Truly Integrated System to Optimize Heat Recovery for any Commercial Kitchen Ventilation Application!

PolluStop and Halton Make Up Air systems come complete with heat recovery coils and associated controls to provide an integrated system.

Benefits & Features

- Recovers heat of kitchen exhaust air to preheat incoming outside air resulting in significant saving of heating energy for cold climates.
- Standard coils are provided in both units
- The pump for the run-around glycol loop is installed in the makeup air unit.
- Combined with Halton's M.A.R.V.E.L. demand control kitchen ventilation system for seamless integration of all components and providing feedback on system operation.



PolluStop - Make Up Air Heat Recovery Pairing Selection

The table below shows the PolluStop Pollution Control Unit (PST) and Make Up Air (MUA) unit sizing based on the exhaust air through the PST unit:

System Pairing	PolluStop		MUA	
	Model	Maximum airflow, CFM	Model	Supply not to exceed, CFM
1	3000 CFM	3000	2800	2800
2	4000 CFM	4000	4600	3600
3	5000 CFM	5000	4600	4600
4	6000 CFM	6000	8500	5400
5	8000 CFM	8000	8500	7200
6	10000 CFM	10000	8500	8500
7	10000 CFM	10000	12600	9000
8	12000 CFM	12000	12600	10800

Note: Make up air CFM should not exceed 90% of total hoods exhaust CFM



Heat Recovery System - HRU

ABOUT US

Halton Group is the global technology leader in indoor air solutions for demanding spaces. The company develops and provides solutions for commercial and public premises, healthcare institutions and laboratories, professional kitchens and restaurants as well as energy production environments and marine vessels. Halton's mission is to provide its end-users with safe, comfortable and productive indoor environments that are energy-efficient and comply with sustainable principles.

The company was founded in Finland in 1969. Today, Halton Group has production units in ten and R&D units in eight countries. Licensed production is carried out in four countries. Halton Group employs nearly 1500 people in over 30 countries. The company's turnover in 2016 was approximately 200 million euros. For more information, visit www.halton.com.

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