Application Photos

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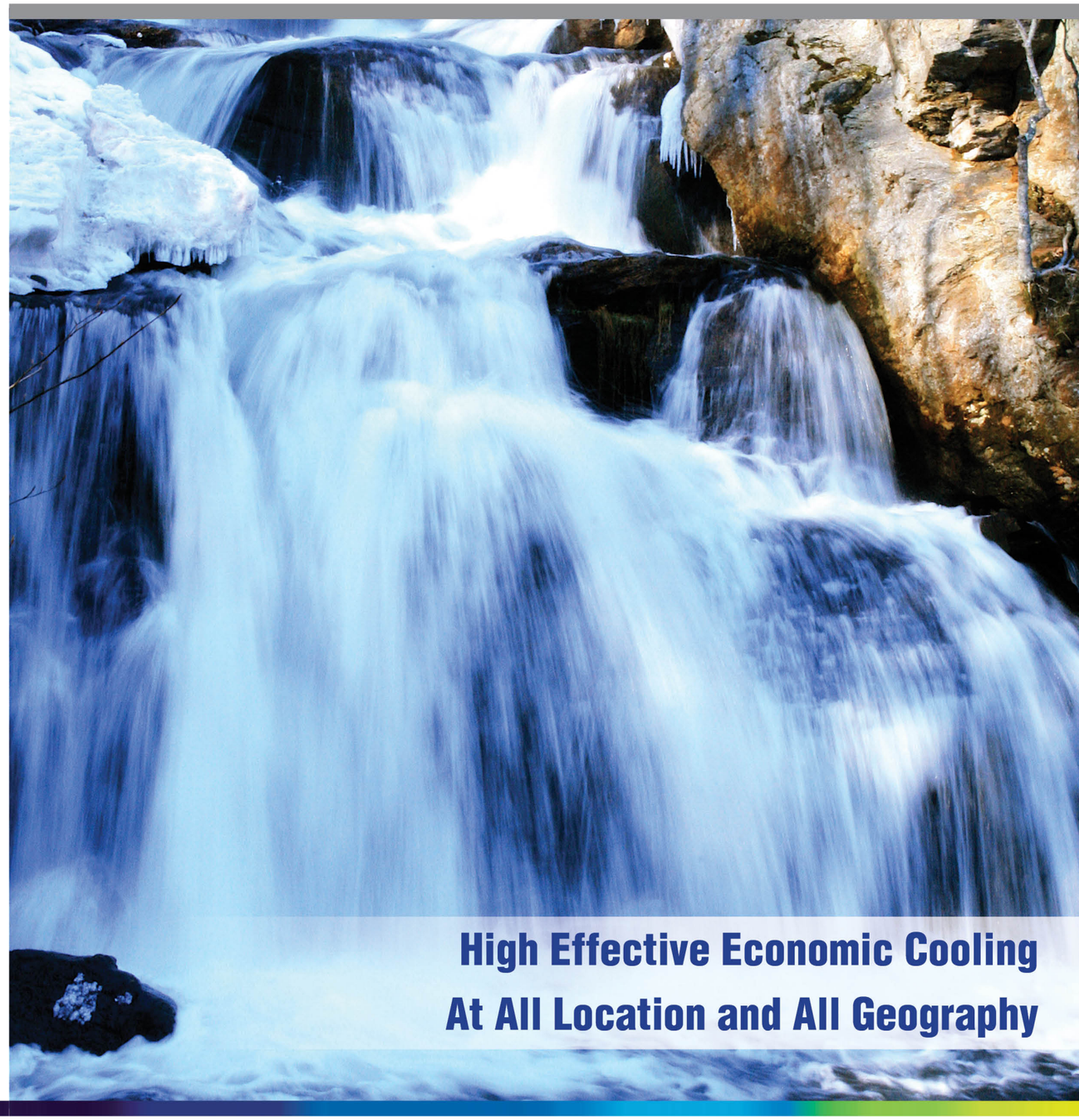
Stamp Dealers

TES-FRM-FKL-2012-06

Fes Klima

Evaporative Cooling Units



High Effective Economic Cooling
At All Location and All Geography

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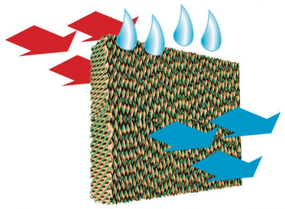
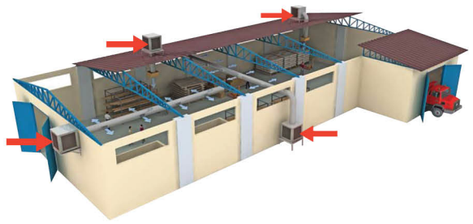
High Effective Economic Cooling
At All Location and All Geography

Models

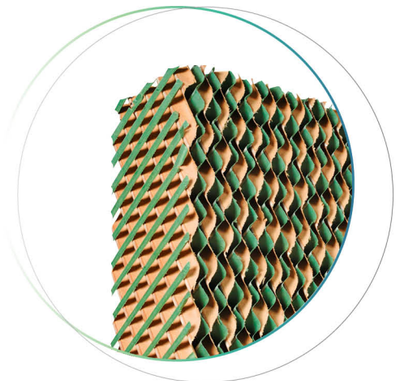
What Is Evaportive Cooling?

FES evaporative cooling units draw hot air through wet pads (Munters CELdec) by using blower. As water evaporates from the pads it takes heat from the air with it, resulting in cooled air being discharged from the cooler.





- **Increase Of Business Efficiency**
  Human productivity falls by 4% for every degree over 22˚C.
  Evaporative Cooling increase human productivity with high volume cold air.
- **Practical And Reliable Solution**
  Quick Installation, minimum space requirements.
- **Low Cost Operation**
  No compressor, no cooling gas, no complicated parts.
- **High Efficiency-Low Cost Cooling**
  Cooling pads are original Munters CELdec honeycomb,
  with very high saturation efficiencies in the range of 85-89%.
- **Most Economical Investment Cost**
  The capital cost is much less than conventional industrial air conditioning system.
- **High Indoor Air Quality**
  100% fresh air, natural filtration.
- **Friend Of Earth**
  No refrigerant, no contaminant, low energy consumption.
- **Long Life**
  304 stainless steel and plastic casing.

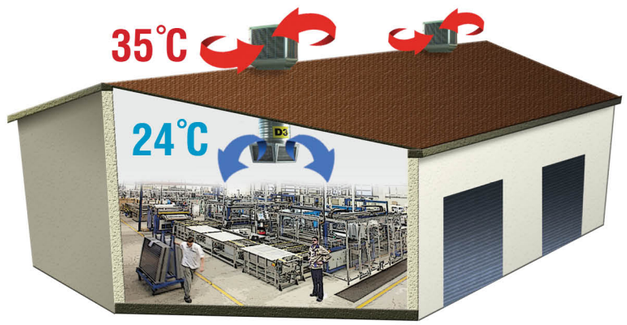


• Blowing Temperatures

Outside Temperatures	Outside Relative Humidity									
	%15	%20	%25	%30	%35	%40	%45	%50	%55	%60
30˚	16.5˚	17.5˚	18.5˚	19.5˚	20.5˚	21.5˚	22.5˚	23.0˚	24.0˚	24.5˚
35˚	20.0˚	21.0˚	22.5˚	23.5˚	24.5˚	25.5˚	26.5˚	27.5˚	28.5˚	29.0˚
40˚	23.5˚	25.0˚	26.0˚	27.5˚	28.5˚	29.5˚	31.0˚	32.0˚	33.0˚	33.5˚
45˚	27.0˚	28.5˚	30.0˚	31.0˚	32.5˚	33.5˚	35.0˚	36.0˚	37.0˚	38.0˚
50˚	30.0˚	32.0˚	33.5˚	35.0˚	36.0˚	37.5˚	39.0˚	40.0˚	41.0˚	42.0˚

* This table for sample. Data's may change according to unit model

• High Efficiency, Low Cost Cooling For All Conditions



You may find detailed heat and humadity information at below link.
www.wundergrund.com

FesPack

Model	Volume m³/h	Power (kW)	Voltage (V)	Dimesions (HxWxL)
Fes 10 R	10.000	1,5	220/380	100x100x105
Fes 16 R	16.000	2,2	220/380	115x120x118
Fes 20 R	20.000	4,0 - 5,5	380	115x120x118
Fes 35 R	35.000	5,5	380	160x160x180

Specifications:
304 Stainless Steel Case, Automatic Drainage, Centrifugal Fan

FesPlast

Model	Volume m³/h	Power (kW)	Voltage (V)	Dimesions (HxWxL)
Fes 18 PA	18.000	1,1	220	110x110x102

Specifications:
Lightweight plastic case, Easy Installation On The Roof, Propeller fan,
9 Speed Level, Wired remote control

FesCafe

Model	Volume m³/h	Power (kW)	Voltage (V)	Dimesions (HxWxL)
Fes 6 T	4.500	0,28	220	130x41x62

Specifications:
Mobile coolers, wheeled or fixed pedestal, low noise, remote control

EXHAUST FAN

Model	Volume m³/h	Power (kW)	Voltage (V)	Dimesions (HxWxL)
EM-50	40.800	1,5	380	138x138x45
EM-36	19.880	0,75	380	109x109x45

Specifications:
High Airflow Capacity; Shutter Is Opened By Patented Centrifugal System