

- ◆ Direct Drive Fan—No belts or pulleys
- ◆ Automatic Constant Air Volume Control
- ◆ Reliable—No Moving Parts (except fan)
- ◆ Sanitary—No Standing Water
- ◆ Chilled Water or Refrigerant Models
- ◆ Uses Traditional Condensing Units
- ◆ No Heating Energy Source Is Required
- ◆ Post Cooling / Heating Coil Option
- ◆ Multiple Discharge Locations

MODEL DU_A- (e)	f ³ /m	DIMENSIONS (In) (a)						FAN (g)		CAPACITY(lb/hr) (h)		TONS (h)		FILTERS (a)	WEIGHT (a)
		L	W	H	F	Return	Supply	Qty-Size	Watts	80/60%	75/50%	80/60%	75/50%	Qty - Size	lb
4B0202	500	19	33	61.5	24	10x20	16x16	1-W280	596	15.4	6.7	1.6	0.9	1-10x20x2	573
4B0204	1,000	34	33	61.5	24	14x25	16x16	1-W280	887	30.8	13.5	3.2	1.8	1-14x25x2	804
4B0304	1,500	34	44	61.5	24	12x40	16x16	1-W280	1,330	46.2	20.2	4.8	2.6	2-12x20x2	991
4B0404	2,000	34	55	65.6	24	18x48	20x20	1-W355	1,570	61.6	26.9	6.5	3.5	2-18x24x2	1,219
4B0406	3,000	49	55	66.6	24	18x48	20x20	2-W280	2,640	92.3	40.4	9.7	5.3	2-18x24x2	1,591
4B0606	4,500	49	77	67	24	20x72	20x40	2-B355	2,940	138.5	60.6	14.5	7.9	3-20x24x2	2,164
4B0608	6,000	66	77	71	24	24x72	20x40	2-B400	3,560	184.7	80.8	19.4	10.6	3-24x24x2	2,701
4B0708	7,000	66	89	74	27	25x84	23x46	2-B400	4,400	215.5	94.3	22.6	12.3	6-14x25x2	3,103
4B0808	8,000	66	100	73	27	24x96	23x46	2-B400	5,320	246.3	107.8	25.9	14.1	4-24x24x2	3,399
4B0710	8,750	81	89	85	27	36x80	23x46	2-B400	6,140	269.4	117.9	28.3	15.4	8-18x20x2	3,822
4B0810	10,000	81	100	85	32	36x96	28x56	2-B500	6,080	307.8	134.7	32.3	17.6	8-18x24x2	4,328
4B0712	10,500	96	89	89	32	40x84	28x56	2-B500	6,420	323.2	141.4	33.9	18.5	12-14x20x2	4,697
4B0812	12,000	96	100	85	27	36x96	23x69	3-B400	7,980	369.4	161.6	38.8	21.2	8-18x24x2	4,983

(a) Weight and Dimensions are subject to change without notice

(e) Insert "I" for indoor construction or "O" for outdoor construction. Example DUIA or DUOA

(g) Fans data based on 1.0" ESP

(h) Based on leaving sea level operation with 45f supply air dew point.

ABOUT MSP® DEHUMIDIFICATION TECHNOLOGY

MSP® Dehumidification Technology is offered in a wide range of super-efficient, industrial grade dehumidification equipment under the MSP Technology brand, and others. Designed specifically for green applications, MSP products are engineered for high performance, guaranteed.

SOME APPLICATIONS FOR MSP TECHNOLOGY

INDOOR FARMING

Produce • Medical Marijuana

ATMOSPHERIC WATER GENERATION

CONDENSATION CONTROL

Supermarkets • Indoor Ice Rinks • Water Treatment
Wastewater Treatment Facilities

PRODUCT DRYING

Leather • Food Drying • Paper Production
Investment Casting • Lumber

PRESERVATION

Dry Storage Warehouses • Paper Storage
Museums • Archives • Libraries • Film Storage

EXPLOSIVE & FLAMMABLE ENVIRONMENTS

Paint Spray Booths • Military • Munitions Storage

CRITICAL ENVIRONMENT

Semiconductor Manufacturing • Pharmaceuticals
Health Care • Laboratories • Clean Rooms

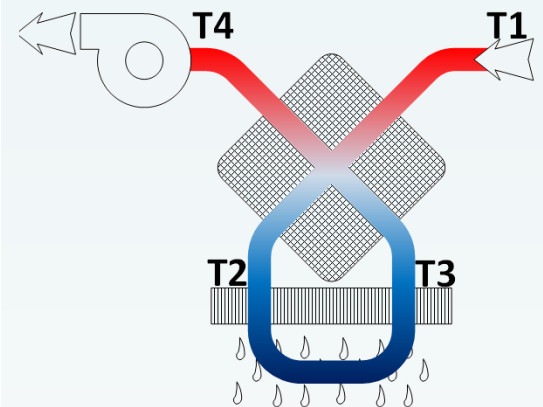
OUR CLIENTS INCLUDE



and many more...

HOW IT WORKS

MSP® DEHUMIDIFICATION AND ATMOSPHERIC WATER GENERATION TECHNOLOGY



STEP 1 Warm, humid incoming air (T1) flows through the first pass of the plate type air-to-air heat exchangers for pre-cooling and initial condensing and water production. This is accomplished by regenerative thermal exchange with the cooler air that is leaving the heat exchanger. (see step 3)

Advantage: Pre-cooling, condensing and water production by regenerative thermal exchange are "free" and involve no additional equipment.

STEP 2 Pre-cooled air (T2) then passes twice over conventional cooling coils for final cooling, condensing and water production

Advantage: Pre-conditioned air can be treated much more efficiently, using smaller compressors that require as little as one-half the power.

STEP 3 The cool, now dry air (T3) is then drawn back through the opposite side of the heat exchanger where it absorbs some heat from incoming air (see step 1) and continues on to possibly serve a secondary purpose.

Advantage: No heating coil—and no energy penalty—needed to reheat the dehumidified air before it enters the conditioned environment.