



Untes Radial fan wall type unit heaters are suitable for large volume buildings such as factories, workshops, storages, garages, hangars, sports centers, repair shops, gas stations, milking parlours, laundry rooms.

Devices with radial fans are preferred because they have a long air throw distance with low volume, and devices with axial fans are preferred because their investment costs are more economical compared to the counterparts and they enable attic mounting if required. As the devices are designed according to free throw and suction principle, they are not suitable for channel connection.

The devices can operate using hot water and overheated water as heating liquids under various temperature ranges and can operate using steam under various pressure ranges. As for coil materials in the devices, steel wing over the seamed steel pipe, steel wing over seamless steel pipe and aluminium wing over copper pipe are available to be opted.

The case of the devices are manufactured from sheet which has a suitable thickness. After the case is manufactured it is dyed with oven-drying powder paint to protect against corrosion.

There are shutters made of Sheet and dyed against corrosion in the air throw opening of the devices which have moving wings in order to distribute the air in the desired vertical angle. The shutter wings are connected to each other with a mechanism to cooperate.

In the radial fan wall type unit heaters radial, one suction and rare winged fans are used. They are statically and dynamically balanced and their runout controls are performed. The fans are made of sheet material and they are dyed against corrosion. In the axial fan unit heaters, axial fans are used. They are balanced statically and dynamically. The fans are made of sheet material and they are dyed against corrosion. In the UASC-48 model axial devices, fans work through 220 Volt, 50 Hz electric motor, and the rest of the axial and radial fan devices work through being directly coupled with 380 Volt, 50 Hz electric motor.



MODEL	Capacity [kcal/h]			Air flow [m ³ /h]	Motor		Dimensions			Weight Cu/Al [kg]	Weight Fe/Fe [kg]	
	Hot Water [90/70°C]	Overheated Water [120/80°C]	Steam [0.1 bar]		Motor Power [kW]	Motor Speed [rpm]	H [mm]	W [mm]	D [mm]			
RADIAL-FAN UNIT HEATERS												
URSC 13	1	5.000	8.000	10.700	1.300	0,25	1.500	940	340	430	42	66
	2	6.000	8.300	11.200				940	340	430	42	66
	3	8.000	11.000	14.200				940	340	430	43	78
	4	10.000	13.850	16.200				940	340	430	43	78
URSC 22	1	12.000	16.550	18.600	2.200	0,25	1.500	1135	430	520	60	96
	2	16.000	23.500	26.500				1135	430	520	60	116
	3	20.000	25.600	27.300				1135	430	520	60	133
URSC 33	1	24.000	33.000	35.000	3.300	0,37	1.500	1400	445	590	76	149
	2	28.000	38.000	40.500				1400	445	590	76	149
	3	32.000	42.300	44.200				1400	445	590	77	172
URSC 53	1	40.000	58.300	61.500	5.300	0,75	1.500	1680	530	640	111	223
	2	50.000	65.900	65.100				1680	530	640	114	261
	3	60.000	78.100	76.300				1680	530	640	118	265
AXIAL-FAN UNIT HEATERS												
UASC 48	1	4.000	5.600	7.500	900	0,18	1.500	480	480	215	26	56
	2	6.000	9.500	9.500	900	0,18	1.500	480	480	265	27	58
	3	8.000	11.300	12.000	1.200	0,18	1.500	480	480	265	28	73
	4	10.000	14.100	15.000	1.200	0,18	1.500	480	480	315	29	75
UASC 53	1	12.000	16.900	17.000	2.000	0,17	1.500	530	530	315	34	87
	2	16.000	23.400	21.500	2.000	0,17	1.500	530	530	365	35	89
	3	20.000	28.100	27.500	3.000	0,21	1.500	530	530	365	36	107
UASC 63	1	24.000	34.300	34.000	3.000	0,21	1.500	630	630	365	43	125
	2	28.000	39.500	37.500	4.000	0,23	1.500	630	630	365	44	126
UASC 73	1	32.000	42.500	46.000	6.000	0,22	1.500	730	730	335	53	125
	2	40.000	56.700	56.000	6.000	0,22	1.500	730	730	385	56	164
UASC 80	1	50.000	68.600	67.500	8.000	0,20	1.500	800	800	385	63	186

The values given in these tables are valid for 18°C air temperature and for given liquid temperatures. For different air and liquid temperatures, please use correction factor

Capacity Correction Factor

Air Inlet Temperature [°C]	Hot Water [°C]		Overheated Water [°C]			Steam [bar]							
	90/70	70/50	120/80	130/90	140/100	0,1	0,5	1	2	3	4	5	6
20	0,97	0,68	0,98	1,10	1,22	0,98	1,08	1,19	1,35	1,47	1,56	1,65	1,72
18	1,00	0,72	1,00	1,12	1,25	1,00	1,11	1,21	1,37	1,49	1,59	1,67	1,74
15	1,05	0,77	1,04	1,16	1,28	1,04	1,14	1,25	1,41	1,53	1,62	1,71	1,78
10	1,13	0,86	1,10	1,22	1,34	1,10	1,20	1,31	1,47	1,59	1,68	1,77	1,84
5	1,21	0,94	1,16	1,28	1,40	1,16	1,26	1,37	1,53	1,65	1,74	1,83	1,90
0	1,29	1,03	1,22	1,34	1,46	1,21	1,32	1,43	1,59	1,71	1,80	1,89	1,96
-5	1,37	1,11	1,28	1,40	1,52	1,27	1,38	1,49	1,65	1,76	1,86	1,95	2,02
-10	1,45	1,20	1,34	1,46	1,59	1,33	1,44	1,55	1,71	1,82	1,92	2,01	2,08
-15	1,53	1,28	1,40	1,52	1,65	1,39	1,50	1,61	1,76	1,88	1,98	2,07	2,14

For the liquid values not available in the table, please contact our company