



LESLIE DESUPERHEATERS

SIZES 1/2" - 16"
ANSI Class 150 to 2500

- Fabricated and forged constructions
- High quality stuffing box
- Variable nozzle type
- Wide range of Cv (Kv) capacities available
- Special nozzle combinations available

APPLICATION DATA

- Boiler superheaters
- Boiler reheaters
- Turbine bleed steam
- Pressure reducing valve outlet steam
- Process steam
- Process gases

TABLE 1 Cv (Kv) CAPACITY RANGES

Size	Standard capacity ranges for Models 13, 18, 23, 24, 28, 33, 34, 38 and 48					
1/2" (16mm)	6A	Cv = 0.0752	Kv = 0.0648	9A	Cv = 0.1128	Kv = 0.0972
	6B	Cv = 0.1587	Kv = 0.1368	9B	Cv = 0.2380	Kv = 0.2052
	6C	Cv = 0.3007	Kv = 0.2592	9C	Cv = 0.4510	Kv = 0.3888
	6D	Cv = 0.5860	Kv = 0.5052	9D	Cv = 0.8790	Kv = 0.7578
	6Dx	Cv = 1.1602	Kv = 1.0002	9Dx	Cv = 1.7403	Kv = 1.5003
1" (25mm)	6E	Cv = 1.9022	Kv = 1.6398	9E	Cv = 2.8533	Kv = 2.4597
	6F	Cv = 2.8397	Kv = 2.4480	9F	Cv = 4.2595	Kv = 3.6720
	6G	Cv = 6.0322	Kv = 5.2002	9G	Cv = 9.0483	Kv = 7.8003
	6H	Cv = 9.3960	Kv = 8.1000	9H	Cv = 14.0940	Kv = 12.1500
	6K	Cv = 13.4885	Kv = 11.6280	9K	Cv = 20.2327	Kv = 17.4420

Flow capacity limitations are:

- Model 18, 24 and 38 with a maximum water flow capacity of 883 ft³/hr. (25 m³/hr.) in continuous service.
- Model 13, 33, 34 and 48 with a maximum water flow capacity of 1766 ft³/hr. (50 m³/hr.) in continuous service.
- Model 23 with a maximum water flow capacity of 3531 ft³/hr. (100 m³/hr.) in continuous service.