

# Kamet Stock/Standard CVX Heaters Application Guide

## Application Color Legend

Power Density W/cm <sup>2</sup>	< 3	3 - 6	6 - 15	> 15
Power Density Description	Low	Medium	High	Too High

ARi Part Number	Sheath OD	Hot length	Hot $\Omega$	Hot Section Power (W) for Supplied Voltage (V)								
	mm	mm	$\Omega$	25W	50W	75W	100W	150W	200W	350W	500W	750 W
CVX1.0MB500M-500M	1.0	500	6.2	12V	18V	22V	25V	30V	35V			
CVX1.0MB1000M-500M	1.0	1000	12.5	18V	25V	30V	35V	45V	50V	65V		
CVX1.0MB2000M-1000M	1.0	2000	25	24V	35V	42V	50V	60V	70V	95V	110V	135V

ARi Part Number	Sheath OD	Hot Length	Hot $\Omega$	Hot Section Power (W) for Supplied Voltage (V)								
	mm	mm	$\Omega$	25W	50W	75W	100W	150W	200W	350W	500W	750W
CVX1.5MB500M-500M	1.5	500	2.8	8V	12V	15V	18V	20V	24V			

ARi Part Number	Sheath OD	Hot Length	Hot $\Omega$	Hot Section Power (W) for Supplied Voltage (V)										
	mm	mm	$\Omega$	100W	250W	500W	750W	1000W	1250W	1500W	1750W	2000W	2500W	3000W
CVX2.0MB500M-500M	2.0	500	1.6	13V	20V									
CVX2.0MB1500M-1000M	2.0	1500	4.7	22V	34V	50V	60V	68V	76V					
CVX2.0MB2000M-1000M	2.0	2000	6.2	25V	40V	56V	68V	80V	88V	96V				
CVX2.0MB3000M-1000M	2.0	3000	9.3	30V	48V	68V	84V	96V	110V	120V	130V	135V	155V	
CVX2.0MB7000M-1000M	2.0	7000	21.7	46V	74V	105V	130V	145V	165V	180V	195V	205V	230V	

ARi Part Number	Sheath OD	Hot Length	Hot $\Omega$	Hot Section Power (W) for Supplied Voltage (V)										
	mm	mm	$\Omega$	500 W	1000W	1250 W	1500 W	1750 W	2000 W	3000 W	4000 W	5000 W	6000 W	7000 W
CVX3.0MB5000M-1000M	3.0	5000	7.0	60V	82V	92V	100V	110V	115V	145V	165V	185V	200V	
CVX3.0MB7000M-1000M	3.0	7000	9.8	70V	98V	110V	120V	130V	140V	170V	195V	220V	240V	260V
CVX3.0MB8000M-1000M	3.0	8000	11.2	74V	105V	115V	125V	140V	150V	180V	210V	235V	255V	275V
CVX3.0MB13000M-1500M	3.0	13000	18.2	94V	135V	150V	165V	175V	190V	230V	265V	295V	325V	350V