

# Eaton Telescopic Chimney

## For use with Paramount Enclosures



The Eaton Telescopic Chimney (TC) is a passive straight duct that is capable of channeling up to 30kW of heat exhaust in a high-density enclosure. The TC channels the hot exhaust from the rear of the enclosure to the return plenum, increasing cooling system efficiencies. The TC prevents hot exhaust air from mixing with the cool air in the data center ambient space, which maximizes cooling efficiencies and reduces energy costs. The TC solution is compatible with all Paramount Enclosures and can be retrofitted for existing installations. The TC system will require a Paramount Enclosure TC top panel with chimney cut-out and a solid rear door to maintain the separation of cold and hot air.

### Features

- **Large range of height options:** The TC extensions range from 12"H to 76"H to accommodate most data center ceiling heights and offer infinite adjustability within the selected height ranges.
- **Compatible with Paramount:** The TC is compatible with all of Eaton's standard Paramount Enclosures for existing and new data center build outs.
- **Data center upgrades:** The TC and its Paramount components can be retrofitted on existing Paramount Enclosures by replacing the Paramount top panel and rear door.\*

### Benefits

- **Increased efficiency:** TC is capable of channeling up to 30kW of heat exhaust to the return plenum. This prevents hotspots, recirculation and remixing and thus maximizes cooling efficiencies.
- **Low maintenance:** The TC has no moving or electrical parts to monitor or maintain.
- **Ease of installation:** The Telescopic Chimney attaches to the enclosure top panel with eight fasteners and can be installed in less than 30 minutes. The TC is secured to its desired height with only four fasteners.



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*\* Technical drawings are available upon request for retrofits on third-party enclosure top panels.*

## Attributes

- **Construction:** 20G sheet steel
- **Finish:** Available in Black and NuGrey
- **Compatibility:** Paramount Enclosures



Rear view of the Telescopic Chimney mounted on a Paramount Enclosure with solid rear doors. Model JDDS8430 shown here.



Chimney extensions range from 12"H to 76"H to accommodate varying data center ceiling heights. Model EXTTC4376 shown here.



Top panel includes two brush strips for cable entry. Brush cable openings can accommodate 1,000 (42"D) to 1600 (48"D) CAT6 cables. Model JTPTC3045 shown here.

## TELESCOPIC CHIMNEY OPTIONS

Item Number	Height Adjustment (in.)	Width (in.)	Depth (in.)	Weight (lbs.)	Colors
EXTTC1219	12-19	23	19.5	30	Black & NuGrey
EXTTC1728	17-28	23	19.5	39	Black & NuGrey
EXTTC2645	26-45	23	19.5	56	Black & NuGrey
EXTTC4376	43-76	23	19.5	87	Black & NuGrey

NOTE: Ships with required fasteners.

## PARAMOUNT ENCLOSURE TOP AND FILLER

### PANEL OPTIONS

Item Number	Description	Width (in.)	Depth (in.)	Weight (lbs.)
JTPTC2440	Solid top with two front-to-back strips for cable entry	24	40	17
JTPTC3040	Solid top with two front-to-back strips for cable entry	30	40	19
JTPTC2445	Solid top with two front-to-back strips for cable entry	24	45	20
JTPTC3045	Solid top with two front-to-back strips for cable entry	30	45	23
JTPTCFP	Top Filler Panel Chimney	22	19.5	3

### PARAMOUNT ENCLOSURE REAR DOOR OPTIONS

Item Number	Description	RU Height	Depth (in.)	Weight (lbs.)
JDDS7724	Split rear door	40	24	47
JDDS7730	Split rear door	40	30	53
JDDS8124	Split rear door	42	24	49
JDDS8130	Split rear door	42	30	53
JDDS8424	Split rear door	44	24	51
JDDS8430	Split rear door	44	30	57
JDDS9124	Split rear door	48	24	55
JDDS9130	Split rear door	48	30	53
JDDS9624	Split rear door	51	24	59
JDDS9630	Split rear door	51	30	66
JDS7724LR	Solid left hand and right hand rear door	40	24	37
JDS7730LR	Solid left hand and right hand rear door	40	30	42
JDS8124LR	Solid left hand and right hand rear door	42	24	53
JDS8130LR	Solid left hand and right hand rear door	42	30	58
JDS8424LR	Solid left hand and right hand rear door	44	24	55
JDS8430LR	Solid left hand and right hand rear door	44	30	61
JDS9124LR	Solid left hand and right hand rear door	48	24	60
JDS9130LR	Solid left hand and right hand rear door	48	30	66
JDS9624LR	Solid left hand and right hand rear door	51	24	63
JDS9630LR	Solid left hand and right hand rear door	51	30	70

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